

APPENDICES

Energinet
ENERGY ISLAND BORNHOLM
TECHNICAL REPORT - SEDIMENT, BENTHIC FLORA AND FAUNA
Version 2.0

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APPENDIX 1 - SAMPLING OVERVIEW

Sampling program, depth and comments for all stations collected during Survey 1 (1-20 March), Survey 2 (16-17 August) and Survey 3 (2-3 November). Depth is the depth measured with the ROV and are used for the other activities at the same station, except for the CTDO. Depth for CTDO is the one measured on the CTDO. Depths measured by ROV and CTDO will most often be approximately 1 m lower (- 1m) than the *in-situ* depth as the instrument is lowered to approximately 1 m above the seabed to avoid collision and damage of the instrument. Chem = chemical analysis.

APPENDIX 1A – BORNHOLM I WINDFARM AREA (OWF1)

The original OWF1 area has been divided into two subareas: Bornholm I syd (B1S) and Bornholm I nord (B1N) and some stations are no longer within the OWF areas. One station is now within the CC1 corridor area and 16 stations within the INV area. These are indicated in the second column with abbreviations.

Location ID	B1S/B1N	Survey	Date	Activity	Easting (°)	Northing (°)	Depth (m)
OWF1_01	B1S	S1	01.03.2022	ROV	14,05616	54,92024	43.2
OWF1_01	B1S	S1	01.03.2022	HAPS infauna	14,05616	54,92024	43.2
OWF1_02	B1S	S1	01.03.2022	ROV	14,07797	54,90347	41.8
OWF1_02	B1S	S1	01.03.2022	HAPS infauna	14,07797	54,90347	41.8
OWF1_03	B1S	S1	01.03.2022	ROV	14,10954	54,88097	39.5
OWF1_03	B1S	S1	01.03.2022	HAPS infauna	14,10975	54,88098	39.5
OWF1_04	B1S	S1	01.03.2022	ROV	14,14345	54,87025	36.3
OWF1_04	B1S	S1	01.03.2022	HAPS infauna	14,14320	54,87038	36.3
OWF1_05	B1S	S1	01.03.2022	ROV	14,14475	54,85237	32.4
OWF1_05	B1S	S1	01.03.2022	HAPS infauna	14,14425	54,85251	32.4
OWF1_06	B1S	S1	01.03.2022	ROV	14,16178	54,84004	31.8
OWF1_06	B1S	S1	01.03.2022	HAPS infauna	14,16178	54,84023	31.8
OWF1_07	B1S	S1	01.03.2022	ROV	14,18349	54,82422	27.4
OWF1_07	B1S	S1	01.03.2022	HAPS infauna	14,18308	54,82433	27.4
OWF1_08	B1S	S1	01.03.2022	ROV	14,19978	54,84930	28.6
OWF1_08	B1S	S1	01.03.2022	HAPS infauna	14,19961	54,84922	28.6
OWF1_09	B1S	S1	01.03.2022	ROV	14,19258	54,86626	34.2
OWF1_09	B1S	S1	01.03.2022	HAPS infauna	14,19263	54,86633	34.2
OWF1_10	B1S	S1	01.03.2022	ROV	14,15579	54,88588	37.6
OWF1_10	B1S	S1	01.03.2022	HAPS infauna	14,15576	54,88593	37.6
OWF1_10	B1S	S1	01.03.2022	HAPS Chem	14,15592	54,88583	37.6
OWF1_10	B1S	S3	03.11.2022	CTDO	14,15608	54,88625	40.0
OWF1_11	B1S	S1	01.03.2022	ROV	14,12034	54,90608	41.1
OWF1_11	B1S	S1	01.03.2022	HAPS infauna	14,12030	54,90612	41.1
OWF1_11	B1S	S3	03.11.2022	CTDO	14,12083	54,90623	44.0
OWF1_12	B1S	S1	01.03.2022	ROV	14,10145	54,91975	42.1
OWF1_12	B1S	S1	01.03.2022	HAPS infauna	14,10178	54,91979	42.1
OWF1_12	B1S	S1	01.03.2022	HAPS Chem	14,10178	54,91979	42.1
OWF1_13	INV	S1	01.03.2022	ROV	14,11109	54,94088	43.4
OWF1_13	INV	S1	01.03.2022	HAPS infauna	14,11111	54,94109	43.4
OWF1_14	INV	S1	01.03.2022	ROV	14,13905	54,93146	43.5
OWF1_14	INV	S1	01.03.2022	HAPS infauna	14,13930	54,93153	43.5
OWF1_15	B1S	S1	01.03.2022	ROV	14,16952	54,91551	41.5
OWF1_15	B1S	S1	01.03.2022	HAPS infauna	14,16889	54,91568	41.5
OWF1_16	B1S	S1	01.03.2022	ROV	14,20344	54,89748	38.0
OWF1_16	B1S	S1	01.03.2022	HAPS infauna	14,20291	54,89784	38.0
OWF1_17	B1S	S1	01.03.2022	ROV	14,23420	54,87975	34.5
OWF1_17	B1S	S1	01.03.2022	HAPS infauna	14,23340	54,87973	34.5
OWF1_17	B1S	S1	01.03.2022	HAPS Chem	14,23326	54,87998	34.5
OWF1_18	B1S	S1	01.03.2022	ROV	14,23804	54,89508	38.2
OWF1_18	B1S	S1	01.03.2022	HAPS infauna	14,23806	54,89531	38.2
OWF1_19	B1S	S1	02.03.2022	ROV	14,26381	54,90175	35.9

Location ID	B1S/B1N	Survey	Date	Activity	Easting (°)	Northing (°)	Depth (m)
OWF1_19	B1S	S1	02.03.2022	HAPS infauna	14,26479	54,90187	35.9
OWF1_20	B1S	S1	02.03.2022	ROV	14,22017	54,92190	39.2
OWF1_20	B1S	S1	02.03.2022	HAPS infauna	14,22085	54,92187	39.2
OWF1_20	B1S	S1	02.03.2022	HAPS Chem	14,22085	54,92187	39.2
OWF1_21	INV	S1	02.03.2022	ROV	14,20180	54,93365	40.6
OWF1_21	INV	S1	02.03.2022	HAPS infauna	14,20212	54,93355	40.6
OWF1_22	INV	S1	02.03.2022	ROV	14,18494	54,94866	40.7
OWF1_22	INV	S1	02.03.2022	HAPS infauna	14,18474	54,94861	40.7
OWF1_23	INV	S1	02.03.2022	ROV	14,15471	54,95097	42.8
OWF1_23	INV	S1	02.03.2022	HAPS infauna	14,15513	54,95097	42.8
OWF1_24	INV	S1	02.03.2022	ROV	14,21789	54,96925	41.5
OWF1_24	INV	S1	02.03.2022	HAPS infauna	14,21713	54,96906	41.5
OWF1_25	INV	S1	02.03.2022	ROV	14,23133	54,95178	41.7
OWF1_25	INV	S1	02.03.2022	HAPS infauna	14,23125	54,95205	41.7
OWF1_26	INV	S1	02.03.2022	ROV	14,25864	54,93033	38.8
OWF1_26	INV	S1	02.03.2022	HAPS infauna	14,25843	54,93035	38.8
OWF1_26	INV	S3	03.11.2022	CTDO	14,25853	54,93045	40.0
OWF1_27	CC1	S1	02.03.2022	ROV	14,30573	54,92458	35.7
OWF1_27	CC1	S1	02.03.2022	HAPS Chem	14,30597	54,92433	35.7
OWF1_28	CC1	S1	02.03.2022	ROV	14,32929	54,94011	36.8
OWF1_28	CC1	S1	02.03.2022	HAPS infauna	14,32940	54,94003	36.8
OWF1_29	INV	S1	02.03.2022	ROV	14,29937	54,94613	39.0
OWF1_29	INV	S1	02.03.2022	HAPS infauna	14,29945	54,94614	39.0
OWF1_30	INV	S1	02.03.2022	ROV	14,26573	54,95418	40.1
OWF1_30	INV	S1	02.03.2022	HAPS infauna	14,26565	54,95407	40.1
OWF1_31	INV	S1	02.03.2022	ROV	14,24820	54,98553	44.5
OWF1_31	INV	S1	02.03.2022	HAPS infauna	14,24815	54,98550	44.5
OWF1_32	INV	S1	02.03.2022	ROV	14,27894	54,96880	41.7
OWF1_32	INV	S1	02.03.2022	HAPS infauna	14,27897	54,96878	41.7
OWF1_33	B1N	S1	02.03.2022	ROV	14,31538	54,96545	39.0
OWF1_33	B1N	S1	02.03.2022	HAPS infauna	14,31561	54,96532	39.0
OWF1_34	B1N	S1	02.03.2022	ROV	14,35168	54,95811	36.9
OWF1_34	B1N	S1	02.03.2022	HAPS infauna	14,35190	54,95837	36.9
OWF1_35	B1N	S1	02.03.2022	ROV	14,34934	54,97460	39.5
OWF1_35	B1N	S1	02.03.2022	HAPS infauna	14,34949	54,97443	39.5
OWF1_36	B1N	S1	02.03.2022	ROV	14,31252	54,98624	41.6
OWF1_36	B1N	S1	02.03.2022	HAPS infauna	14,31266	54,98623	41.6
OWF1_37	INV	S1	02.03.2022	ROV	14,27717	54,98657	43.3
OWF1_37	INV	S1	02.03.2022	HAPS infauna	14,27775	54,98624	43.3
OWF1_37	INV	S1	02.03.2022	HAPS Chem	14,27787	54,98625	43.3
OWF1_38	INV	S1	02.03.2022	ROV	14,28548	55,00470	44.6
OWF1_38	INV	S1	02.03.2022	HAPS infauna	14,28548	55,00470	44.6
OWF1_39	INV	S1	02.03.2022	ROV	14,28528	55,02603	44.0
OWF1_39	INV	S1	02.03.2022	HAPS infauna	14,28570	55,02592	44.0
OWF1_40	B1N	S1	02.03.2022	ROV	14,31770	55,02245	45.0
OWF1_40	B1N	S1	02.03.2022	HAPS infauna	14,31764	55,02255	45.0
OWF1_41	B1N	S1	02.03.2022	ROV	14,34302	55,00492	40.7
OWF1_41	B1N	S1	02.03.2022	HAPS infauna	14,34273	55,00537	40.7
OWF1_42	B1N	S1	03.03.2022	ROV	14,36455	54,99086	38.6
OWF1_42	B1N	S1	03.03.2022	HAPS infauna	14,36507	54,99095	38.6
OWF1_43	B1N	S1	03.03.2022	ROV	14,38205	55,00727	41.4
OWF1_43	B1N	S1	03.03.2022	HAPS infauna	14,38203	55,00748	41.4
OWF1_43	B1N	S1	03.03.2022	HAPS Chem	14,38231	55,00746	41.4
OWF1_43	B1N	S3	03.11.2022	CTDO	14,38285	55,00758	38.8
OWF1_44	B1N	S1	03.03.2022	ROV	14,35902	55,02526	43.5
OWF1_44	B1N	S1	03.03.2022	HAPS infauna	14,35948	55,02573	43.5
OWF1_44	B1N	S3	03.11.2022	CTDO	14,35898	55,02522	41.1

Location ID	B1S/B1N	Survey	Date	Activity	Easting (°)	Northing (°)	Depth (m)
OWF1_45	B1N	S1	03.03.2022	ROV	14,32877	55,04817	44.9
OWF1_45	B1N	S1	03.03.2022	HAPS infauna	14,32886	55,04830	44.9
OWF1_45	B1N	S3	03.11.2022	CTDO	14,32915	55,04807	43.0
OWF1_46	B1N	S1	03.03.2022	ROV	14,36309	55,05865	44.7
OWF1_46	B1N	S1	03.03.2022	HAPS infauna	14,36335	55,05848	44.7
OWF1_46	B1N	S1	03.03.2022	HAPS Chem	14,36284	55,05812	44.7
OWF1_47	B1N	S1	03.03.2022	ROV	14,37664	55,04579	44.4
OWF1_47	B1N	S1	03.03.2022	HAPS infauna	14,37647	55,04558	44.4
OWF1_48	B1N	S1	03.03.2022	ROV	14,40731	55,02765	41.5
OWF1_48	B1N	S1	03.03.2022	HAPS infauna	14,40638	55,02744	41.5
OWF1_49	B1N	S1	03.03.2022	ROV	14,42328	55,01577	39.5
OWF1_49	B1N	S1	03.03.2022	HAPS infauna	14,42339	55,01586	39.5
OWF1_50	B1N	S1	03.03.2022	ROV	14,44899	55,03427	39.4
OWF1_50	B1N	S1	03.03.2022	HAPS infauna	14,44892	55,03445	39.4
OWF1_51	B1N	S1	03.03.2022	ROV	14,41041	55,04200	42.2
OWF1_51	B1N	S1	03.03.2022	HAPS infauna	14,41033	55,04216	42.2
OWF1_52	B1N	S1	03.03.2022	ROV	14,37401	55,07952	46.4
OWF1_52	B1N	S1	03.03.2022	HAPS infauna	14,37403	55,07957	46.4
OWF1_53	B1N	S1	03.03.2022	ROV	14,41049	55,06453	44.7
OWF1_53	B1N	S1	03.03.2022	HAPS infauna	14,41005	55,06453	44.7
OWF1_54	B1N	S1	03.03.2022	ROV	14,44187	55,05715	43.3
OWF1_54	B1N	S1	03.03.2022	HAPS infauna	14,44204	55,05691	43.3
OWF1_55	B1N	S1	03.03.2022	ROV	14,43852	55,07806	43.8
OWF1_55	B1N	S1	03.03.2022	HAPS infauna	14,43844	55,07793	43.8
OWF1_56	B1N	S1	03.03.2022	ROV	14,40594	55,08712	45.9
OWF1_56	B1N	S1	03.03.2022	HAPS infauna	14,40601	55,08713	45.9
OWF1_56	B1N	S1	03.03.2022	HAPS Chem	14,40640	55,08720	45.9
OWF1_57	B1N	S1	03.03.2022	ROV	14,39790	55,10424	47.4
OWF1_57	B1N	S1	03.03.2022	HAPS infauna	14,39806	55,10423	47.4
OWF1_58	B1N	S1	03.03.2022	ROV	14,42995	55,10115	47.0
OWF1_58	B1N	S1	03.03.2022	HAPS infauna	14,43023	55,10123	47.0
OWF1_59	CC1	S1	03.03.2022	ROV	14,42932	55,11703	47.5
OWF1_59	CC1	S1	03.03.2022	HAPS infauna	14,42922	55,11689	47.5
OWF1_59	CC1	S1	03.03.2022	HAPS Chem	14,42912	55,11676	47.5
OWF1_60	INV	S1	03.03.2022	ROV	14,43572	55,13136	47.4
OWF1_60	INV	S1	03.03.2022	HAPS infauna	14,43564	55,13140	47.4

APPENDIX 1B - BORNHOLM II WINDFARM AREA (OWF2)

Location ID	Survey	Date	Activity	Easting (°)	Northing (°)	Depth (ROV) (m)
OWF2_1	S1	03.03.2022	ROV	14,52366	54,69082	38.5
OWF2_1	S1	03.03.2022	HAPS Infauna	14,52382	54,69104	38.5
OWF2_2	S1	03.03.2022	ROV	14,56771	54,68246	43.5
OWF2_2	S1	03.03.2022	HAPS Infauna	14,56802	54,68255	43.5
OWF2_3	S1	03.03.2022	ROV	14,61631	54,68755	47.7
OWF2_3	S1	03.03.2022	HAPS Infauna	14,61643	54,68756	47.7
OWF2_4	S1	03.03.2022	ROV	14,66948	54,69427	49.8
OWF2_4	S1	03.03.2022	HAPS Infauna	14,66960	54,69423	49.8
OWF2_5	S1	03.03.2022	ROV	14,72933	54,69907	52.5
OWF2_5	S1	03.03.2022	HAPS Infauna	14,72958	54,69893	52.5
OWF2_6	S1	03.03.2022	ROV	14,79104	54,70383	54.5
OWF2_6	S1	03.03.2022	HAPS Infauna	14,79114	54,70386	54.5
OWF2_7	S1	03.03.2022	ROV	14,84444	54,70675	55.5
OWF2_7	S1	03.03.2022	HAPS Infauna	14,84474	54,70673	55.5
OWF2_7	S1	03.03.2022	HAPS Chem	14,84504	54,70660	55.5
OWF2_8	S1	04.03.2022	ROV	14,86247	54,73722	57.2
OWF2_8	S1	04.03.2022	HAPS Infauna	14,86275	54,73706	57.2
OWF2_9	S1	04.03.2022	ROV	14,82037	54,72930	55.0
OWF2_9	S1	04.03.2022	HAPS Infauna	14,81997	54,72921	55.0
OWF2_10	S1	04.03.2022	ROV	14,75174	54,72539	53.9
OWF2_10	S1	04.03.2022	HAPS Infauna	14,75204	54,72529	53.9
OWF2_10	S1	04.03.2022	HAPS Chem	14,75190	54,72505	53.9
OWF2_11	S1	04.03.2022	ROV	14,69371	54,71654	51.0
OWF2_11	S1	04.03.2022	HAPS Infauna	14,69381	54,71639	51.0
OWF2_11	S3	03.11.2022	CTDO	14,69352	54,71685	52.0
OWF2_12	S1	04.03.2022	ROV	14,61610	54,70893	47.0
OWF2_12	S1	04.03.2022	HAPS Infauna	14,61670	54,70910	47.0
OWF2_13	S1	04.03.2022	ROV	14,56796	54,70522	42.3
OWF2_13	S1	04.03.2022	HAPS Infauna	14,56814	54,70527	42.3
OWF2_14	S1	04.03.2022	ROV	14,52771	54,71310	38.2
OWF2_14	S1	04.03.2022	HAPS Infauna	14,52787	54,71302	38.2
OWF2_14	S1	04.03.2022	HAPS Chem	14,52707	54,71282	38.2
OWF2_15	S1	04.03.2022	ROV	14,53888	54,73581	37.3
OWF2_15	S1	04.03.2022	HAPS Infauna	14,53928	54,73607	37.3
OWF2_16	S1	04.03.2022	ROV	14,56200	54,72562	40.4
OWF2_16	S1	04.03.2022	HAPS Infauna	14,56147	54,72550	40.4
OWF2_17	S1	04.03.2022	ROV	14,59970	54,73077	43.2
OWF2_17	S1	04.03.2022	HAPS Infauna	14,59985	54,73064	43.2
OWF2_17	S1	04.03.2022	HAPS Chem	14,59953	54,73054	43.2
OWF2_18	S1	04.03.2022	ROV	14,65477	54,73262	48.0
OWF2_18	S1	04.03.2022	HAPS Infauna	14,65497	54,73249	48.0
OWF2_19	S1	04.03.2022	ROV	14,72225	54,73567	51.1
OWF2_19	S1	04.03.2022	HAPS Infauna	14,72262	54,73554	51.1
OWF2_20	S1	04.03.2022	ROV	14,78799	54,74207	55.9
OWF2_20	S1	04.03.2022	HAPS Infauna	14,78815	54,74216	55.9
OWF2_21	S1	04.03.2022	ROV	14,81905	54,75289	56.2
OWF2_21	S1	04.03.2022	HAPS Infauna	14,81878	54,75291	56.2
OWF2_22	S1	04.03.2022	ROV	14,85650	54,75942	57.4
OWF2_22	S1	04.03.2022	HAPS Infauna	14,85634	54,75952	57.4
OWF2_22	S1	04.03.2022	HAPS Chem	14,85631	54,75952	57.4
OWF2_22	S3	03.11.2022	CTDO	14,85683	54,75950	54.0
OWF2_23	S1	04.03.2022	ROV	14,81419	54,76907	55.5
OWF2_23	S1	04.03.2022	HAPS Infauna	14,81438	54,76908	55.5

Location ID	Survey	Date	Activity	Easting (°)	Northing (°)	Depth (ROV) (m)
OWF2_23	S3	03.11.2022	CTDO	14,81470	54,76908	53.0
OWF2_24	S1	04.03.2022	ROV	14,75561	54,75502	53.1
OWF2_24	S1	04.03.2022	HAPS Infauna	14,75555	54,75497	53.1
OWF2_25	S1	04.03.2022	ROV	14,69376	54,75021	48.5
OWF2_25	S1	04.03.2022	HAPS Infauna	14,69379	54,75006	48.5
OWF2_26	S1	04.03.2022	ROV	14,63442	54,75410	43.2
OWF2_26	S1	04.03.2022	HAPS Infauna	14,63426	54,75416	43.2
OWF2_26	S3	03.11.2022	CTDO	14,63410	54,75438	44.0
OWF2_27	S1	04.03.2022	ROV	14,57682	54,74974	38.0
OWF2_27	S1	04.03.2022	HAPS Infauna	14,57678	54,74981	38.0
OWF2_28	S1	04.03.2022	ROV	14,59769	54,77245	33.5
OWF2_28	S1	04.03.2022	HAPS Infauna	14,59813	54,77251	33.5
OWF2_28	S3	03.11.2022	CTDO	14,59800	54,77267	34.0
OWF2_29	S1	04.03.2022	ROV	14,66618	54,76370	45.3
OWF2_29	S1	04.03.2022	HAPS Infauna	14,66627	54,76363	45.3
OWF2_30	S1	04.03.2022	ROV	14,72089	54,77277	49.0
OWF2_30	S1	04.03.2022	HAPS Infauna	14,72174	54,77295	49.0
OWF2_30	S1	04.03.2022	HAPS Chem	14,72156	54,77280	49.0
OWF2_31	S1	04.03.2022	ROV	14,77018	54,77005	53.2
OWF2_31	S1	04.03.2022	HAPS Infauna	14,76988	54,77019	53.2
OWF2_32	S1	04.03.2022	ROV	14,85049	54,77989	56.0
OWF2_32	S1	04.03.2022	HAPS Infauna	14,85125	54,77994	56.0
OWF2_33	S1	04.03.2022	ROV	14,88341	54,78439	56.4
OWF2_33	S1	04.03.2022	HAPS Infauna	14,88368	54,78435	56.4
OWF2_34	S1	04.03.2022	ROV	14,84101	54,79894	53.3
OWF2_34	S1	04.03.2022	HAPS Infauna	14,84102	54,79873	53.3
OWF2_35	S1	04.03.2022	ROV	14,77796	54,79195	50.9
OWF2_35	S1	04.03.2022	HAPS Infauna	14,77755	54,79179	50.9
OWF2_35	S3	03.11.2022	CTDO	14,77805	54,79205	48.0
OWF2_36	S1	04.03.2022	ROV	14,72398	54,79991	44.1
OWF2_36	S1	04.03.2022	HAPS Infauna	14,72385	54,79978	44.1
OWF2_37	S1	04.03.2022	ROV	14,67369	54,78078	44.0
OWF2_37	S1	04.03.2022	HAPS Infauna	14,67401	54,78050	44.0
OWF2_38	S1	04.03.2022	ROV	14,63124	54,78802	34.9
OWF2_38	S1	04.03.2022	HAPS Infauna	14,63133	54,78798	34.9
OWF2_38	S1	04.03.2022	HAPS Chem	14,63106	54,78768	34.9
OWF2_39	S1	05.03.2022	ROV	14,66541	54,80947	35.6
OWF2_39	S1	05.03.2022	HAPS Infauna	14,66552	54,80939	35.6
OWF2_40	S1	05.03.2022	ROV	14,68845	54,80009	41.0
OWF2_40	S1	05.03.2022	HAPS Infauna	14,68856	54,79977	41.0
OWF2_41	S1	05.03.2022	ROV	14,69344	54,82362	38.0
OWF2_41	S1	05.03.2022	HAPS Infauna	14,69345	54,82352	38.0
OWF2_42	S1	05.03.2022	ROV	14,76222	54,82049	45.3
OWF2_42	S1	05.03.2022	HAPS Infauna	14,76225	54,82065	45.3
OWF2_43	S1	05.03.2022	ROV	14,80299	54,80988	49.0
OWF2_43	S1	05.03.2022	HAPS Infauna	14,80280	54,80969	49.0
OWF2_44	S1	05.03.2022	ROV	14,89033	54,80923	54.3
OWF2_44	S1	05.03.2022	HAPS Infauna	14,89055	54,80910	54.3
OWF2_45	S1	05.03.2022	ROV	14,91457	54,82457	52.2
OWF2_45	S1	05.03.2022	HAPS Infauna	14,91488	54,82438	52.2
OWF2_46	S1	05.03.2022	ROV	14,86919	54,83495	48.0
OWF2_46	S1	05.03.2022	HAPS Infauna	14,86902	54,83498	48.0
OWF2_46	S1	05.03.2022	HAPS Chem	14,86888	54,83500	48.0
OWF2_47	S1	05.03.2022	ROV	14,82159	54,82518	48.3
OWF2_47	S1	05.03.2022	HAPS Infauna	14,82148	54,82495	48.3

Location ID	Survey	Date	Activity	Easting (°)	Northing (°)	Depth (ROV) (m)
OWF2_48	S1	05.03.2022	ROV	14,72422	54,83425	39.2
OWF2_48	S1	05.03.2022	HAPS Infauna	14,72416	54,83419	39.2
OWF2_48	S3	03.11.2022	CTDO	14,72418	54,83423	36.0
OWF2_49	S1	05.03.2022	ROV	14,75265	54,86161	37.1
OWF2_49	S1	05.03.2022	HAPS Infauna	14,75288	54,86145	37.1
OWF2_50	S1	05.03.2022	ROV	14,78591	54,84499	42.4
OWF2_50	S1	05.03.2022	HAPS Infauna	14,78589	54,84502	42.4
OWF2_50	S1	05.03.2022	HAPS Chem	14,78585	54,84500	42.4
OWF2_51	S1	05.03.2022	ROV	14,83350	54,85550	42.9
OWF2_51	S1	05.03.2022	HAPS Infauna	14,83357	54,85548	42.9
OWF2_52	S1	05.03.2022	ROV	14,88823	54,85033	44.3
OWF2_52	S1	05.03.2022	HAPS Infauna	14,88830	54,85043	44.3
OWF2_53	S1	05.03.2022	ROV	14,92497	54,84194	51.5
OWF2_53	S1	05.03.2022	HAPS Infauna	14,92530	54,84189	51.5
OWF2_54	S1	05.03.2022	ROV	14,95856	54,85784	49.0
OWF2_54	S1	05.03.2022	HAPS Infauna	14,95831	54,85786	49.0
OWF2_55	S1	05.03.2022	ROV	14,92375	54,86033	38.5
OWF2_55	S1	05.03.2022	HAPS Infauna	14,92375	54,86033	38.5
OWF2_56	S1	05.03.2022	ROV	14,89688	54,86467	42.4
OWF2_56	S1	05.03.2022	HAPS Infauna	14,89738	54,86456	42.4
OWF2_57	S1	05.03.2022	ROV	14,87016	54,86818	45.6
OWF2_57	S1	05.03.2022	HAPS Infauna	14,87014	54,86814	45.6
OWF2_58	S1	05.03.2022	ROV	14,82312	54,87684	40.0
OWF2_58	S1	05.03.2022	HAPS Infauna	14,82287	54,87674	40.0
OWF2_58	S1	05.03.2022	HAPS Chem	14,82290	54,87671	40.0
OWF2_59	S1	05.03.2022	ROV	14,78196	54,87344	35.2
OWF2_59	S1	05.03.2022	HAPS Infauna	14,78175	54,87335	35.2
OWF2_60	S1	05.03.2022	ROV	14,79905	54,89100	34.3
OWF2_60	S1	05.03.2022	HAPS Infauna	14,79911	54,89082	34.3

Appendix 1C – Cable corridors (CC, CC1 and CC2)

CC area is the overlapping area of the two cable corridors closest to the coast. CC1 is the area from the CC area to the Bornholm I windfarm area and CC2 is the area between the CC area and the Bornholm II wind farm area.

Location ID	Survey	Date	Activity	Easting (°)	Northing (°)	Depth (m)	ROV
CC_01	S2	16.08.2022	ROV	14,82670	55,04212	2.0	
CC_01	S2	16.08.2022	HAPS Infauna	14,82670	55,04212	2.0	
CC_02	S2	16.08.2022	ROV	14,85490	55,03612	4.6	
CC_02	S2	16.08.2022	HAPS Infauna	14,85490	55,03612	4.6	
CC_02	S2	16.08.2022	HAPS Chem	14,85490	55,03612	4.6	
CC_03	S2	16.08.2022	ROV	14,87445	55,03155	4.1	
CC_03	S2	16.08.2022	HAPS Infauna	14,87445	55,03155	4.1	
CC_03	S2	16.08.2022	HAPS Chem	14,87445	55,03155	4.1	
CC_04	S2	16.08.2022	ROV	14,89250	55,02595	5.5	
CC_04	S2	16.08.2022	HAPS Infauna	14,89250	55,02595	5.5	
CC_05	S2	16.08.2022	ROV	14,88073	55,02085	7.9	
CC_06	S2	16.08.2022	ROV	14,85068	55,02570	9.1	
CC_07	S1	06.03.2022	ROV	14,82505	55,03034	10.9	
CC_08	S1	06.03.2022	ROV	14,79776	55,03172	11.0	
CC_09	S1	06.03.2022	ROV	14,78619	55,02067	12.0	
CC_09	S1	06.03.2022	HAPS Infauna	14,78607	55,02070	12.0	

Location ID	Survey	Date	Activity	Easting (°)	Northing (°)	Depth (m)	ROV
CC_09	S1	06.03.2022	HAPS Chem	14,78600	55,02065	12.0	
CC_10	S1	06.03.2022	ROV	14,76209	55,01836	12.0	
CC_11	S1	06.03.2022	ROV	14,74411	55,01408	12.8	
CC_12	S1	06.03.2022	ROV	14,72361	55,00816	17.1	
CC_12	S1	06.03.2022	HAPS Infauna	14,72376	55,00795	17.1	
CC_13	S1	05.03.2022	ROV	14,71659	54,99980	17.3	
CC_14	S1	05.03.2022	ROV	14,70407	55,00986	15.8	
CC1_01	S1	06.03.2022	ROV	14,68510	55,01074	19.1	
CC1_02	S1	06.03.2022	ROV	14,66323	55,01236	20.1	
CC1_03	S1	06.03.2022	ROV	14,64479	55,01427	21.8	
CC1_04	S1	06.03.2022	ROV	14,62711	55,02132	22.9	
CC1_04	S1	06.03.2022	HAPS Infauna	14,62720	55,02141	22.9	
CC1_05	S1	06.03.2022	ROV	14,61150	55,03148	24.0	
CC1_06	S1	06.03.2022	ROV	14,58835	55,04408	27.2	
CC1_07	S1	06.03.2022	ROV	14,57236	55,04934	33.5	
CC1_08	S1	06.03.2022	ROV	14,58940	55,05262	28.7	
CC1_09	S1	06.03.2022	ROV	14,56971	55,05953	36.2	
CC1_09	S1	06.03.2022	HAPS Infauna	14,56986	55,05931	36.2	
CC1_10	S1	06.03.2022	ROV	14,55357	55,06794	38.8	
CC1_10	S1	06.03.2022	HAPS Infauna	14,55349	55,06783	38.8	
CC1_10	S1	06.03.2022	HAPS Chem	14,55364	55,06784	38.8	
CC1_11	S1	06.03.2022	ROV	14,53920	55,07670	39.3	
CC1_11	S1	06.03.2022	HAPS Infauna	14,53974	55,07678	39.3	
CC1_11	S1	06.03.2022	HAPS Chem	14,53974	55,07678	39.3	
CC1_12	S1	06.03.2022	ROV	14,52108	55,08556	44.1	
CC1_12	S1	06.03.2022	HAPS Infauna	14,52146	55,08537	44.1	
CC1_12	S1	06.03.2022	HAPS Chem	14,52146	55,08537	44.1	
CC1_13	S1	06.03.2022	ROV	14,50244	55,08456	45.3	
CC1_13	S1	06.03.2022	HAPS Infauna	14,50174	55,08435	45.3	
CC1_13	S1	06.03.2022	HAPS Chem	14,50226	55,08439	45.3	
CC1_14	S1	06.03.2022	ROV	14,48220	55,08319	47.0	
CC1_14	S1	06.03.2022	HAPS Infauna	14,48221	55,08327	47.0	
CC1_14	S1	06.03.2022	HAPS Chem	14,48238	55,08323	47.0	
CC1_15	S1	06.03.2022	ROV	14,46007	55,08208	39.4	
CC1_15	S1	06.03.2022	HAPS Infauna	14,45983	55,08224	39.4	
CC1_15	S1	06.03.2022	HAPS Chem	14,45987	55,08225	39.4	
CC1_01x	S1	06.03.2022	ROV	14,51055	55,07040	42.0	
CC1_01x	S1	06.03.2022	HAPS Infauna	14,51073	55,07032	42.0	
CC1_02x	S1	06.03.2022	ROV	14,54985	55,06449	37.4	
CC1_02x	S1	06.03.2022	HAPS Infauna	14,54992	55,06452	37.4	
CC2_01	S1	05.03.2022	ROV	14,70702	54,99148	16.2	
CC2_01	S1	05.03.2022	HAPS Infauna	14,70702	54,99148	16.2	
CC2_02	S1	05.03.2022	ROV	14,69211	54,98852	10.4	
CC2_03	S1	05.03.2022	ROV	14,69808	54,98316	18.0	
CC2_04	S1	05.03.2022	ROV	14,68816	54,97361	18.9	
CC2_04	S1	05.03.2022	HAPS Infauna	14,68809	54,97369	18.9	
CC2_04	S1	05.03.2022	HAPS Chem	14,68809	54,97369	18.9	
CC2_05	S1	05.03.2022	ROV	14,68780	54,95925	18.8	
CC2_05	S1	05.03.2022	HAPS Infauna	14,68777	54,95929	18.8	
CC2_05	S1	05.03.2022	HAPS Chem	14,68777	54,95929	18.8	
CC2_06	S1	05.03.2022	ROV	14,69425	54,94602	17.8	
CC2_06	S1	05.03.2022	HAPS Infauna	14,69440	54,94601	17.8	
CC2_06	S1	05.03.2022	HAPS Chem	14,69418	54,94609	17.8	
CC2_07	S1	05.03.2022	ROV	14,70040	54,93424	16.1	
CC2_07	S1	05.03.2022	HAPS Infauna	14,70034	54,93428	16.1	

Location ID	Survey	Date	Activity	Easting (°)	Northing (°)	Depth (m)	ROV
CC2_07	S1	05.03.2022	HAPS Chem	14,70034	54,93428	16.1	
CC2_08	S1	05.03.2022	ROV	14,70784	54,92107	15.1	
CC2_08	S1	05.03.2022	HAPS Infauna	14,70792	54,92119	15.1	
CC2_08	S1	05.03.2022	HAPS Chem	14,70792	54,92119	15.1	
CC2_09	S1	05.03.2022	ROV	14,71493	54,90583	14.7	
CC2_09	S1	05.03.2022	HAPS Infauna	14,71498	54,90592	14.7	
CC2_09	S1	05.03.2022	HAPS Chem	14,71498	54,90592	14.7	
CC2_10	S1	05.03.2022	ROV	14,72313	54,89260	14.3	
CC2_10	S1	05.03.2022	HAPS Chem	14,72316	54,89250	14.3	
CC2_11	S1	05.03.2022	ROV	14,72949	54,88081	14.2	
CC2_11	S1	05.03.2022	HAPS Infauna	14,72953	54,88090	14.2	
CC2_11	S1	05.03.2022	HAPS Chem	14,72953	54,88090	14.2	
CC2_12	S1	05.03.2022	ROV	14,73644	54,87018	32.0	
CC2_12	S1	05.03.2022	HAPS Infauna	14,73632	54,87032	32.0	
CC2_12	S1	05.03.2022	HAPS Chem	14,73636	54,87032	32.0	

Appendix 1D – Bird SPA site (SPA)

Location ID	Survey	Date	Activity	Easting (°)	Northing (°)	Depth (m)	ROV
SPA_001	S2	17.08.2022	ROV	14,67213	55,09268	15.0	
SPA_002	S2	17.08.2022	ROV	14,64845	55,08543	24.1	
SPA_003	S1	11.03.2022	ROV	14,64135	55,07915	20.5	
SPA_004	S1	11.03.2022	ROV	14,63022	55,06593	24.2	
SPA_005	S1	11.03.2022	ROV	14,66616	55,06497	13.6	
SPA_006	S2	17.08.2022	ROV	14,69960	55,07282	13.0	
SPA_007	S2	16.08.2022	ROV	14,75108	55,05778	8.3	
SPA_008	S2	16.08.2020	ROV	14,74028	55,05162	11.3	
SPA_009	S2	16.08.2022	ROV	14,70163	55,05248	13.2	
SPA_010	S2	16.08.2022	ROV	14,67052	55,04452	15.9	
SPA_011	S1	11.03.2022	ROV	14,64586	55,05761	19.4	
SPA_011	S3	03.11.2022	CTDO	14,64573	55,05772	17.0	
SPA_012	S1	11.03.2022	ROV	14,61946	55,05133	23.0	
SPA_013	S1	11.03.2022	ROV	14,61603	55,03864	23.0	
SPA_014	S2	16.08.2020	ROV	14,71423	55,03243	14.5	
SPA_014	S3	03.11.2020	CTDO	14,71408	55,03255	14.8	
SPA_015	S2	16.08.2022	ROV	14,92780	55,00347	11.3	
SPA_016	S1	11.03.2022	ROV	14,95364	54,98716	13.1	
SPA_016	S1	11.03.2022	HAPS Infauna	14,95323	54,98724	13.1	
SPA_017	S1	11.03.2022	ROV	14,92340	54,99162	14.7	
SPA_017	S1	11.03.2022	HAPS Infauna	14,92344	54,99158	14.7	
SPA_018	S1	11.03.2022	ROV	14,86541	54,99431	15.2	
SPA_018	S1	11.03.2022	HAPS Infauna	14,86507	54,99427	15.2	
SPA_019	S2	16.08.2022	ROV	14,83032	55,01297	12.0	
SPA_020	S2	16.08.2022	ROV	14,78023	55,00275	12.1	
SPA_021	S1	11.03.2022	ROV	14,83357	54,97690	14.3	
SPA_021	S1	11.03.2022	HAPS Infauna	14,83342	54,97686	14.3	
SPA_022	S1	11.03.2022	ROV	14,89614	54,97386	13.6	
SPA_022	S1	11.03.2022	HAPS Infauna	14,89603	54,97381	13.6	
SPA_023	S1	11.03.2022	ROV	14,88239	54,95342	31.2	
SPA_023	S1	11.03.2022	HAPS Infauna	14,88281	54,95339	31.2	
SPA_023	S3	03.11.2022	CTDO	14,88227	54,95358	10.0	
SPA_024	S1	11.03.2022	ROV	14,83239	54,95268	14.9	

Location ID	Survey	Date	Activity	Easting (°)	Northing (°)	Depth (m)	ROV
SPA_024	S1	11.03.2022	HAPS Infauna	14,83172	54,95287	14.9	
SPA_025	S1	11.03.2022	ROV	14,77442	54,98692	15.0	
SPA_025	S1	11.03.2022	HAPS Infauna	14,77406	54,98691	15.0	
SPA_025	S3	03.11.2022	CTDO	14,77410	54,98713	15.9	
SPA_026	S1	11.03.2022	ROV	14,73011	54,99019	15.8	
SPA_027	S1	11.03.2022	ROV	14,73667	54,97893	9.2	
SPA_028	S1	10.03.2022	ROV	14,78439	54,95451	14.5	
SPA_028	S1	10.03.2022	HAPS Infauna	14,78420	54,95443	14.5	
SPA_029	S1	11.03.2022	ROV	14,81641	54,92116	32.9	
SPA_029	S1	11.03.2022	HAPS Infauna	14,81585	54,92095	32.9	
SPA_030	S1	11.03.2022	ROV	14,75186	54,90031	12.7	
SPA_030	S1	11.03.2022	HAPS Infauna	14,75206	54,90036	12.7	
SPA_031	S1	11.03.2022	ROV	14,74919	54,92488	15.5	
SPA_031	S1	11.03.2022	HAPS Infauna	14,74934	54,92468	15.5	
SPA_032	S1	11.03.2022	ROV	14,73630	54,95203	18.9	
SPA_032	S1	11.03.2022	HAPS Infauna	14,73626	54,95204	18.9	
SPA_033	S1	10.03.2022	ROV	14,67774	54,98525	15.8	
SPA_034	S1	10.03.2022	ROV	14,67115	54,99810	20.2	
SPA_035	S1	10.03.2022	ROV	14,59853	55,00499	18.1	
SPA_035	S1	10.03.2022	HAPS Infauna	14,59863	55,00471	18.1	
SPA_036	S1	10.03.2022	ROV	14,62899	54,99549	16.9	
SPA_036	S1	10.03.2022	HAPS Infauna	14,62912	54,99539	16.9	
SPA_037	S1	10.03.2022	ROV	14,64735	54,97327	16.1	
SPA_037	S1	10.03.2022	HAPS Infauna	14,64736	54,97334	16.1	
SPA_038	S1	10.03.2022	ROV	14,62448	54,97872	16.4	
SPA_038	S1	10.03.2022	HAPS Infauna	14,62436	54,97868	16.4	
SPA_039	S1	10.03.2022	ROV	14,61129	54,98822	16.9	
SPA_039	S1	10.03.2022	HAPS Infauna	14,61118	54,98811	16.9	
SPA_040	S1	10.03.2022	ROV	14,58390	54,98873	16.8	
SPA_041	S1	10.03.2022	ROV	14,55673	55,00622	18.5	
SPA_042	S1	10.03.2022	ROV	14,54055	54,99479	23.2	
SPA_043	S1	10.03.2022	ROV	14,56181	54,97203	18.6	
SPA_044	S1	10.03.2022	ROV	14,58642	54,97117	16.8	
SPA_045	S1	10.03.2022	ROV	14,60749	54,97111	16.3	
SPA_045	S1	10.03.2022	HAPS Infauna	14,60741	54,97096	16.3	
SPA_046	S1	10.03.2022	ROV	14,63515	54,96113	16.0	
SPA_046	S1	10.03.2022	HAPS Infauna	14,63511	54,96114	16.0	
SPA_047	S1	10.03.2022	ROV	14,65822	54,94347	15.9	
SPA_047	S1	10.03.2022	HAPS Infauna	14,65861	54,94342	15.9	
SPA_048	S1	10.03.2022	ROV	14,63422	54,94550	16.4	
SPA_048	S1	10.03.2022	HAPS Infauna	14,63407	54,94534	16.4	
SPA_049	S1	10.03.2022	ROV	14,59718	54,96018	19.4	
SPA_049	S1	10.03.2022	HAPS Infauna	14,59717	54,96016	19.4	
SPA_050	S1	10.03.2022	ROV	14,57164	54,95634	17.7	
SPA_051	S1	10.03.2022	ROV	14,54664	54,95690	19.2	
SPA_052	S1	10.03.2022	ROV	14,52338	54,96984	22.3	
SPA_053	S1	10.03.2022	ROV	14,50516	54,97865	23.5	
SPA_054	S1	10.03.2022	ROV	14,47880	54,95989	24.4	
SPA_054	S1	10.03.2022	HAPS Infauna	14,47895	54,95955	24.4	
SPA_055	S1	10.03.2022	ROV	14,52969	54,95507	20.7	
SPA_056	S1	10.03.2022	ROV	14,55510	54,94250	17.6	
SPA_057	S1	10.03.2022	ROV	14,56763	54,93880	19.2	
SPA_058	S1	10.03.2022	ROV	14,58094	54,93225	20.4	
SPA_058	S1	10.03.2022	HAPS Infauna	14,58094	54,93218	20.4	
SPA_059	S1	10.03.2022	ROV	14,60356	54,94804	20.2	
SPA_059	S1	10.03.2022	HAPS Infauna	14,60392	54,94793	20.2	

Location ID	Survey	Date	Activity	Easting (°)	Northing (°)	Depth (m)	ROV
SPA_060	S1	10.03.2022	ROV	14,60914	54,93650	18.3	
SPA_060	S1	10.03.2022	HAPS Infauna	14,60902	54,93647	18.3	
SPA_061	S1	10.03.2022	ROV	14,60165	54,92102	18.5	
SPA_061	S1	10.03.2022	HAPS Infauna	14,60146	54,92088	18.5	
SPA_062	S1	10.03.2022	ROV	14,62069	54,92423	16.9	
SPA_062	S1	10.03.2022	HAPS Infauna	14,62083	54,92413	16.9	
SPA_063	S1	10.03.2022	ROV	14,67010	54,91862	16.7	
SPA_063	S1	10.03.2022	HAPS Infauna	14,67038	54,91858	16.7	
SPA_064	S1	09.03.2022	ROV	14,67924	54,88798	15.2	
SPA_064	S1	09.03.2022	HAPS Infauna	14,67888	54,88822	15.2	
SPA_065	S1	09.03.2022	ROV	14,64652	54,89640	15.8	
SPA_065	S1	09.03.2022	HAPS Infauna	14,64632	54,89645	15.8	
SPA_066	S1	10.03.2022	ROV	14,60225	54,90507	18.9	
SPA_066	S1	10.03.2022	HAPS Infauna	14,60232	54,90505	18.9	
SPA_066	S3	03.11.2022	CTDO	14,60230	54,90503	16.0	
SPA_067	S1	10.03.2022	ROV	14,58208	54,91447	20.1	
SPA_067	S1	10.03.2022	HAPS Infauna	14,58224	54,91444	20.1	
SPA_068	S1	10.03.2022	ROV	14,56795	54,92267	21.0	
SPA_068	S1	10.03.2022	HAPS Infauna	14,56816	54,92274	21.0	
SPA_069	S1	10.03.2022	ROV	14,55417	54,92504	18.7	
SPA_070	S1	10.03.2022	ROV	14,54390	54,92911	18.6	
SPA_071	S1	10.03.2022	ROV	14,53080	54,93468	21.2	
SPA_071	S3	03.11.2022	CTDO	14,53093	54,93468	19.0	
SPA_072	S1	10.03.2022	ROV	14,50010	54,94478	22.0	
SPA_073	S1	10.03.2022	ROV	14,53806	54,92331	20.0	
SPA_074	S1	10.03.2022	ROV	14,54755	54,91915	19.2	
SPA_075	S1	10.03.2022	ROV	14,55903	54,91437	22.4	
SPA_075	S3	03.11.2022	CTDO	14,55935	54,91452	20.0	
SPA_076	S1	09.03.2022	ROV	14,57132	54,90496	21.2	
SPA_076	S1	09.03.2022	HAPS Infauna	14,57063	54,90539	21.2	
SPA_077	S1	09.03.2022	ROV	14,59379	54,88970	21.0	
SPA_077	S1	09.03.2022	HAPS Infauna	14,59395	54,88993	21.0	
SPA_078	S1	09.03.2022	ROV	14,66273	54,86735	15.6	
SPA_078	S1	09.03.2022	HAPS Infauna	14,66232	54,86724	15.6	
SPA_078	S3	03.11.2022	CTDO	14,66242	54,86732	12.0	
SPA_079	S1	09.03.2022	ROV	14,61599	54,86826	17.6	
SPA_079	S1	09.03.2022	HAPS Infauna	14,61607	54,86823	17.6	
SPA_081	S1	09.03.2022	ROV	14,55410	54,90719	21.2	
SPA_082	S1	08.03.2022	ROV	14,54015	54,91288	20.0	
SPA_083	S1	10.03.2022	ROV	14,52940	54,91734	19.8	
SPA_084	S1	10.03.2022	ROV	14,51598	54,92199	19.3	
SPA_085	S1	10.03.2022	ROV	14,47698	54,92832	23.4	
SPA_086	S1	09.03.2022	ROV	14,45878	54,93948	25.0	
SPA_087	S1	10.03.2022	ROV	14,43890	54,93368	25.3	
SPA_087	S1	10.03.2022	HAPS Infauna	14,43925	54,93407	25.3	
SPA_088	S1	08.03.2022	ROV	14,46229	54,91817	22.7	
SPA_088	S1	08.03.2022	HAPS Infauna	14,46244	54,91828	22.7	
SPA_089	S1	09.03.2022	ROV	14,48297	54,91595	21.8	
SPA_090	S1	09.03.2022	ROV	14,49511	54,91012	20.2	
SPA_091	S1	09.03.2022	ROV	14,51440	54,91024	19.2	
SPA_092	S1	09.03.2022	ROV	14,52657	54,90417	20.4	
SPA_093	S1	09.03.2022	ROV	14,54189	54,90417	18.1	
SPA_094	S1	09.03.2022	ROV	14,55222	54,88932	20.9	
SPA_094	S1	09.03.2022	HAPS Infauna	14,55222	54,88934	20.9	
SPA_095	S1	09.03.2022	ROV	14,52812	54,89372	20.2	
SPA_095	S1	09.03.2022	HAPS Infauna	14,52829	54,89373	20.2	

Location ID	Survey	Date	Activity	Easting (°)	Northing (°)	Depth (m)	ROV
SPA_096	S1	09.03.2022	ROV	14,51602	54,89679	19.7	
SPA_097	S1	09.03.2022	ROV	14,40670	54,91587	25.7	
SPA_097	S1	09.03.2022	HAPS Infauna	14,40647	54,91589	25.7	
SPA_098	S1	09.03.2022	ROV	14,42541	54,90003	21.9	
SPA_099	S1	09.03.2022	ROV	14,49235	54,87976	18.5	
SPA_100	S1	09.03.2022	ROV	14,53386	54,87845	18.5	
SPA_100	S1	09.03.2022	HAPS Infauna	14,53387	54,87841	18.5	
SPA_101	S1	09.03.2022	ROV	14,53367	54,87109	17.5	
SPA_101	S1	09.03.2022	HAPS Infauna	14,53393	54,87111	17.5	
SPA_102	S1	09.03.2022	ROV	14,55644	54,87178	19.6	
SPA_102	S1	09.03.2022	HAPS Infauna	14,55633	54,87185	19.6	
SPA_103	S1	09.03.2022	ROV	14,56714	54,85742	16.5	
SPA_103	S1	09.03.2022	HAPS Infauna	14,56714	54,85725	16.5	
SPA_104	S1	09.03.2022	ROV	14,60698	54,84527	16.3	
SPA_104	S1	09.03.2022	HAPS Infauna	14,60671	54,84550	16.3	
SPA_105	S1	09.03.2022	ROV	14,64705	54,84168	15.8	
SPA_105	S1	09.03.2022	HAPS Infauna	14,64737	54,84190	15.8	
SPA_106	S1	09.03.2022	ROV	14,59572	54,83843	16.2	
SPA_106	S1	09.03.2022	HAPS Infauna	14,59566	54,83852	16.2	
SPA_107	S1	09.03.2022	ROV	14,56841	54,84266	16.3	
SPA_107	S1	09.03.2022	HAPS Infauna	14,56838	54,84261	16.3	
SPA_108	S1	09.03.2022	ROV	14,53917	54,85311	14.5	
SPA_109	S1	09.03.2022	ROV	14,46316	54,85857	18.1	
SPA_110	S1	09.03.2022	ROV	14,43623	54,88013	17.9	
SPA_111	S1	09.03.2022	ROV	14,36900	54,88702	23.1	
SPA_111	S3	03.11.2022	CTDO	14,36887	54,88712	24.0	
SPA_112	S1	09.03.2022	ROV	14,39469	54,87204	18.9	
SPA_113	S1	09.03.2022	ROV	14,41413	54,85703	17.9	
SPA_113	S3	03.11.2022	CTDO	14,41410	54,85740	18.0	
SPA_114	S1	09.03.2022	ROV	14,48001	54,84042	18.4	
SPA_114	S1	09.03.2022	HAPS Infauna	14,47990	54,84042	18.4	
SPA_115	S1	09.03.2022	ROV	14,48886	54,83522	19.6	
SPA_115	S1	09.03.2022	HAPS Infauna	14,48890	54,83532	19.6	
SPA_116	S1	09.03.2022	ROV	14,51342	54,83736	17.0	
SPA_116	S1	09.03.2022	HAPS Infauna	14,51328	54,83746	17.0	
SPA_117	S1	09.03.2022	ROV	14,52979	54,83358	17.7	
SPA_117	S1	09.03.2022	HAPS Infauna	14,52965	54,83364	17.7	
SPA_118	S1	09.03.2022	ROV	14,55829	54,83030	16.1	
SPA_118	S1	09.03.2022	HAPS Infauna	14,55834	54,83034	16.1	
SPA_119	S1	09.03.2022	ROV	14,57966	54,83204	16.3	
SPA_119	S1	09.03.2022	HAPS Infauna	14,57974	54,83203	16.3	
SPA_120	S1	08.03.2022	ROV	14,59137	54,81843	16.0	
SPA_120	S1	08.03.2022	HAPS Infauna	14,59156	54,81859	16.0	
SPA_121	S1	08.03.2022	ROV	14,60472	54,80784	14.7	
SPA_121	S1	08.03.2022	HAPS Infauna	14,60555	54,80750	14.7	
SPA_122	S1	08.03.2022	ROV	14,55171	54,81762	17.4	
SPA_122	S1	08.03.2022	HAPS Infauna	14,55196	54,81767	17.4	
SPA_123	S1	08.03.2022	ROV	14,53705	54,81548	18.3	
SPA_123	S1	08.03.2022	HAPS Infauna	14,53729	54,81562	18.3	
SPA_124	S1	08.03.2022	ROV	14,51267	54,82042	18.8	
SPA_124	S1	08.03.2022	HAPS Infauna	14,51294	54,82041	18.8	
SPA_125	S1	08.03.2022	ROV	14,48519	54,82341	19.3	
SPA_125	S1	08.03.2022	HAPS Infauna	14,48523	54,82346	19.3	
SPA_125	S3	03.11.2022	CTDO	14,48557	54,82353	20.0	
SPA_126	S1	08.03.2022	ROV	14,45573	54,82405	20.2	
SPA_126	S1	08.03.2022	HAPS Infauna	14,45582	54,82402	20.2	

Location ID	Survey	Date	Activity	Easting (°)	Northing (°)	Depth (m)	ROV
SPA_127	S1	08.03.2022	ROV	14,43214	54,83685	20.9	
SPA_127	S1	08.03.2022	HAPS Infauna	14,43187	54,83694	20.9	
SPA_129	S1	08.03.2022	ROV	14,40586	54,83852	22.3	
SPA_129	S1	08.03.2022	HAPS Infauna	14,40606	54,83857	22.3	
SPA_130	S1	08.03.2022	ROV	14,38337	54,84508	18.3	
SPA_130	S1	08.03.2022	HAPS Infauna	14,38380	54,84504	18.3	
SPA_131	S1	08.03.2022	ROV	14,38030	54,85958	20.3	
SPA_131	S1	08.03.2022	HAPS Infauna	14,38073	54,85965	20.3	
SPA_132	S1	08.03.2022	ROV	14,36347	54,85359	20.5	
SPA_132	S1	08.03.2022	HAPS Infauna	14,36348	54,85369	20.5	
SPA_133	S1	09.03.2022	ROV	14,33982	54,87383	24.2	
SPA_133	S1	09.03.2022	HAPS Infauna	14,33982	54,87399	24.2	
SPA_134	S1	08.03.2022	ROV	14,31470	54,85762	25.6	
SPA_135	S1	08.03.2022	ROV	14,35929	54,84168	17.8	
SPA_136	S1	08.03.2022	ROV	14,37948	54,83131	18.5	
SPA_136	S1	08.03.2022	HAPS Infauna	14,37927	54,83131	18.5	
SPA_137	S1	08.03.2022	ROV	14,39374	54,82290	16.1	
SPA_137	S1	08.03.2022	HAPS Infauna	14,39383	54,82291	16.1	
SPA_138	S1	08.03.2022	ROV	14,40746	54,82321	16.7	
SPA_138	S1	08.03.2022	HAPS Infauna	14,40779	54,82332	16.7	
SPA_139	S1	08.03.2022	ROV	14,47738	54,80599	20.0	
SPA_139	S1	08.03.2022	HAPS Infauna	14,47753	54,80615	20.0	
SPA_140	S1	08.03.2022	ROV	14,50332	54,79475	19.6	
SPA_140	S1	08.03.2022	HAPS Infauna	14,50352	54,79466	19.6	
SPA_140	S3	03.11.2022	CTDO	14,50307	54,79478	20.0	
SPA_141	S1	08.03.2022	ROV	14,54230	54,80139	19.6	
SPA_141	S1	08.03.2022	HAPS Infauna	14,54238	54,80145	19.6	
SPA_142	S1	08.03.2022	ROV	14,54565	54,76782	28.6	
SPA_142	S1	08.03.2022	HAPS Infauna	14,54560	54,76787	28.6	
SPA_143	S1	08.03.2022	ROV	14,51307	54,74423	34.3	
SPA_143	S1	08.03.2022	HAPS Infauna	14,51309	54,74425	34.3	
SPA_144	S1	08.03.2022	ROV	14,48809	54,74892	22.1	
SPA_145	S1	08.03.2022	ROV	14,47047	54,76139	17.8	
SPA_146	S1	08.03.2022	ROV	14,45378	54,78506	18.4	
SPA_147	S1	08.03.2022	ROV	14,42829	54,80616	17.9	
SPA_147	S1	08.03.2022	HAPS Infauna	14,42829	54,80616	17.9	
SPA_148	S1	08.03.2022	ROV	14,37221	54,81729	16.9	
SPA_148	S1	08.03.2022	HAPS Infauna	14,37259	54,81730	16.9	
SPA_149	S1	08.03.2022	ROV	14,36172	54,83102	18.6	
SPA_149	S1	08.03.2022	HAPS Infauna	14,36163	54,83102	18.6	
SPA_150	S1	08.03.2022	ROV	14,34756	54,82550	19.1	
SPA_150	S1	08.03.2022	HAPS Infauna	14,34748	54,82557	19.1	
SPA_151	S1	08.03.2022	ROV	14,29013	54,83873	23.0	
SPA_152	S1	08.03.2022	ROV	14,28504	54,85051	27.2	
SPA_152	S1	08.03.2022	HAPS Infauna	14,28499	54,85063	27.2	
SPA_153	S1	08.03.2022	ROV	14,27353	54,85680	28.5	
SPA_153	S1	08.03.2022	HAPS Infauna	14,27355	54,85627	28.5	
SPA_154	S1	08.03.2022	ROV	14,26278	54,84725	26.7	
SPA_154	S1	08.03.2022	HAPS Infauna	14,26282	54,84725	26.7	
SPA_155	S1	08.03.2022	ROV	14,26662	54,83510	27.2	
SPA_155	S1	08.03.2022	HAPS Infauna	14,26673	54,83514	27.2	
SPA_156	S1	08.03.2022	ROV	14,25939	54,82857	25.1	
SPA_156	S1	08.03.2022	HAPS Infauna	14,25953	54,82869	25.1	
SPA_157	S1	08.03.2022	ROV	14,31034	54,82119	20.6	
SPA_157	S3	03.11.2022	CTDO	14,31002	54,82142	21.5	
SPA_158	S1	08.03.2022	ROV	14,42764	54,76977	14.2	

Location ID	Survey	Date	Activity	Easting (°)	Northing (°)	Depth (m)	ROV
SPA_158	S1	08.03.2022	HAPS Infauna	14,42814	54,76984	14.2	
SPA_159	S1	08.03.2022	ROV	14,44001	54,75364	12.2	
SPA_160	S1	08.03.2022	ROV	14,47753	54,73971	19.5	
SPA_161	S1	08.03.2022	ROV	14,42502	54,73924	13.3	
SPA_161	S1	08.03.2022	HAPS Infauna	14,42504	54,73924	13.3	
SPA_162	S1	08.03.2022	ROV	14,42763	54,72773	13.5	
SPA_162	S1	08.03.2022	HAPS Infauna	14,42759	54,72775	13.5	
SPA_163	S1	07.03.2022	ROV	14,44773	54,72558	12.9	
SPA_163	S1	07.03.2022	HAPS Infauna	14,44718	54,72747	12.9	
SPA_164	S1	07.03.2022	ROV	14,49706	54,71074	35.1	
SPA_164	S1	07.03.2022	HAPS Infauna	14,49719	54,71077	35.1	
SPA_165	S1	07.03.2022	ROV	14,45228	54,71592	15.5	
SPA_165	S1	07.03.2022	HAPS Infauna	14,45230	54,71592	15.5	
SPA_166	S1	07.03.2022	ROV	14,42959	54,71567	14.9	
SPA_166	S1	07.03.2022	HAPS Infauna	14,42952	54,71575	14.9	
SPA_167	S1	07.03.2022	ROV	14,45397	54,70337	17.3	
SPA_167	S1	07.03.2022	HAPS Infauna	14,45396	54,70328	17.3	
SPA_168	S1	07.03.2022	ROV	14,42419	54,70635	14.9	
SPA_168	S1	07.03.2022	HAPS Infauna	14,42399	54,70619	14.9	
SPA_169	S1	07.03.2022	ROV	14,43460	54,67511	28.6	
SPA_169	S1	07.03.2022	HAPS Infauna	14,43471	54,67481	28.6	
SPA_01x	S3	03.11.2022	CTDO	14,55857	54,78227	30.0	

Appendix 1E – Remaining stations within the pre-investigation area (INV)

These stations are located within the pre-investigation area but outside the subareas such as the wind farm areas (OWF), cable corridors (CC, CC1, CC2) and bird protection site (SPA). With the existing placement of the CC1 cable corridor a few of the INV stations are now within the CC1 cable corridor area and are indicated in the second column.

Location ID	CC1 cable corridor	Survey	Date	Activity	Easting (°)	Northing (°)	Depth ROV (m)
INV_001		S1	19.03.2022	ROV	14,38408	55,24835	43.1
INV_002		S1	19.03.2022	ROV	14,41136	55,24078	41.7
INV_003		S1	19.03.2022	ROV	14,37115	55,22770	42.4
INV_004		S1	09.03.2022	ROV	14,41023	55,22339	43.8
INV_005		S1	19.03.2022	ROV	14,44273	55,22533	42.1
INV_006		S1	19.03.2022	ROV	14,34097	55,20902	45.0
INV_007		S1	18.03.2022	ROV	14,35443	55,18781	45.4
INV_007		S1	18.03.2022	HAPS Infauna	14,35470	55,18758	45.4
INV_007		S3	03.11.2022	CTDO	14,35442	55,18798	43.7
INV_008		S1	18.03.2022	ROV	14,39400	55,19802	44.6
INV_008		S1	18.03.2022	HAPS Infauna	14,39447	55,19810	44.6
INV_009		S1	19.03.2022	ROV	14,45190	55,19212	45.0
INV_009		S1	19.03.2022	HAPS Infauna	14,45215	55,19231	45.0
INV_010		S1	19.03.2022	ROV	14,50898	55,17543	46.9
INV_010		S1	19.03.2022	HAPS Infauna	14,50886	55,17539	46.9
INV_011		S1	19.03.2022	ROV	14,45799	55,16759	46.2
INV_011		S1	19.03.2022	HAPS Infauna	14,45758	55,16791	46.2
INV_012		S1	18.03.2022	ROV	14,38217	55,16972	45.5
INV_012		S1	18.03.2022	HAPS Infauna	14,38293	55,16954	45.5
INV_013		S1	18.03.2022	ROV	14,31171	55,16506	46.7
INV_013		S1	18.03.2022	HAPS Infauna	14,31158	55,16516	46.7
INV_014		S1	18.03.2022	ROV	14,28406	55,14287	47.4
INV_014		S1	18.03.2022	HAPS Infauna	14,28380	55,14292	47.4
INV_015		S1	18.03.2022	ROV	14,33322	55,14879	46.7
INV_015		S1	18.03.2022	HAPS Infauna	14,33367	55,14886	46.7
INV_016		S1	11.03.2022	ROV	14,42493	55,15178	46.5
INV_016		S1	11.03.2022	HAPS Infauna	14,42492	55,15184	46.5
INV_016		S3	03.11.2022	CTDO	14,42445	55,15188	44.3
INV_017		S1	19.03.2022	ROV	14,53049	55,14853	46.0
INV_017		S1	19.03.2022	HAPS Infauna	14,53016	55,14872	46.0
INV_018		S1	19.03.2022	ROV	14,57976	55,14386	44.7
INV_018		S1	19.03.2022	HAPS Infauna	14,58004	55,14403	44.7
INV_019		S1	19.03.2022	ROV	14,58516	55,12248	42.0
INV_019		S1	19.03.2022	HAPS Infauna	14,58535	55,12237	42.0
INV_020		S1	11.03.2022	ROV	14,50931	55,12236	45.3
INV_020		S1	11.03.2022	HAPS Infauna	14,50945	55,12238	45.3
INV_021		S1	11.03.2022	ROV	14,47351	55,13304	46.7
INV_021		S1	11.03.2022	HAPS Infauna	14,47368	55,13294	46.7
INV_021		S3	03.11.2022	CTDO	14,47337	55,13302	44.5
INV_022		S1	11.03.2022	ROV	14,38858	55,13618	46.4
INV_022		S1	11.03.2022	HAPS Infauna	14,38825	55,13619	46.4
INV_023		S1	18.03.2022	ROV	14,32005	55,12182	47.3
INV_023		S1	18.03.2022	HAPS Infauna	14,31978	55,12176	47.3
INV_024		S1	18.03.2022	ROV	14,24058	55,12979	47.5
INV_024		S1	18.03.2022	HAPS Infauna	14,24043	55,12971	47.5
INV_025		S1	18.03.2022	ROV	14,21942	55,11307	47.8
INV_025		S1	18.03.2022	HAPS Infauna	14,21973	55,11305	47.8
INV_025		S3	03.11.2022	CTDO	14,21950	55,11295	45.7
INV_026		S1	18.03.2022	ROV	14,26376	55,10957	48.1

Location ID	CC1 cable corridor	Survey	Date	Activity	Easting (°)	Northing (°)	Depth ROV (m)
INV_026		S1	18.03.2022	HAPS Infauna	14,26345	55,10970	48.1
INV_027		S1	18.03.2022	ROV	14,36833	55,11861	47.2
INV_027		S1	18.03.2022	HAPS Infauna	14,36803	55,11857	47.2
INV_028	CC1	S1	19.03.2022	ROV	14,47698	55,09740	45.1
INV_028	CC1	S1	19.03.2022	HAPS Infauna	14,47712	55,09733	45.1
INV_029		S1	11.03.2022	ROV	14,54666	55,10583	44.9
INV_029		S1	11.03.2022	HAPS Infauna	14,54653	55,10584	44.9
INV_029		S3	03.11.2022	CTDO	14,54713	55,10585	42.1
INV_030		S1	19.03.2022	ROV	14,61847	55,11418	36.0
INV_030		S1	19.03.2022	HAPS Infauna	14,61852	55,11430	36.0
INV_031		S1	11.03.2022	ROV	14,61352	55,08488	29.3
INV_031		S1	11.03.2022	HAPS Infauna	14,61358	55,08484	29.3
INV_031		S3	03.11.2022	CTDO	14,61375	55,08493	26.8
INV_032		S1	11.03.2022	ROV	14,57976	55,09102	39.5
INV_032		S1	11.03.2022	HAPS Infauna	14,57923	55,09091	39.5
INV_033		S1	11.03.2022	ROV	14,58558	55,06813	36.1
INV_034		S1	11.03.2022	ROV	14,60581	55,05593	26.2
INV_035	CC1	S1	19.03.2022	ROV	14,53902	55,04982	36.7
INV_036	CC1	S1	19.03.2022	ROV	14,50009	55,04697	37.9
INV_037	CC1	S1	19.03.2022	ROV	14,47834	55,06129	41.9
INV_037		S1	19.03.2022	HAPS Infauna	14,47854	55,06125	41.9
INV_038		S1	11.03.2022	ROV	14,32647	55,08357	46.8
INV_038		S1	11.03.2022	HAPS Infauna	14,32671	55,08347	46.8
INV_039		S1	18.03.2022	ROV	14,27705	55,07685	47.1
INV_039		S1	18.03.2022	HAPS Infauna	14,27711	55,07696	47.1
INV_039		S3	03.11.2022	CTDO	14,27698	55,07685	45.0
INV_040		S1	18.03.2022	ROV	14,21046	55,09188	48.5
INV_040		S1	18.03.2022	HAPS Infauna	14,21029	55,09182	48.5
INV_041		S1	18.03.2022	ROV	14,22733	55,07150	47.8
INV_041		S1	18.03.2022	HAPS Infauna	14,22746	55,07143	47.8
INV_042		S1	11.03.2022	ROV	14,28534	55,05615	46.5
INV_043		S1	11.03.2022	ROV	14,24711	55,04813	47.0
INV_043		S1	11.03.2022	HAPS Infauna	14,24552	55,04931	47.0
INV_044		S1	18.03.2022	ROV	14,17706	55,06383	48.4
INV_044		S1	18.03.2022	HAPS Infauna	14,17907	55,06373	48.4
INV_045		S1	18.03.2022	ROV	14,19757	55,04449	47.5
INV_045		S1	18.03.2022	HAPS Infauna	14,19748	55,04447	47.5
INV_046		S1	11.03.2022	ROV	14,23906	55,02048	46.4
INV_046		S1	11.03.2022	HAPS Infauna	14,23741	55,02152	46.4
INV_047		S1	18.03.2022	ROV	14,21813	54,99639	45.4
INV_047		S1	18.03.2022	HAPS Infauna	14,21829	54,99604	45.4
INV_048		S1	18.03.2022	ROV	14,19413	55,01499	46.6
INV_048		S1	18.03.2022	HAPS Infauna	14,19417	55,01491	46.6
INV_049		S1	18.03.2022	ROV	14,14778	55,04014	48.3
INV_049		S1	18.03.2022	HAPS Infauna	14,14808	55,04013	48.3
INV_050		S1	18.03.2022	ROV	14,14750	55,01594	47.6
INV_050		S1	18.03.2022	HAPS Infauna	14,14750	55,01580	47.6
INV_051		S1	18.03.2022	ROV	14,11085	55,01564	48.1
INV_051		S1	18.03.2022	HAPS Infauna	14,11086	55,01554	48.1
INV_051		S3	03.11.2022	CTDO	14,11072	55,01578	50.0
INV_052		S1	18.03.2022	ROV	14,14101	54,98696	46.5
INV_052		S1	18.03.2022	HAPS Infauna	14,14087	54,98614	46.5
INV_052		S3	03.11.2022	CTDO	14,14107	54,98705	48.0
INV_053		S1	18.03.2022	ROV	14,17440	54,97765	45.2
INV_053		S1	18.03.2022	HAPS Infauna	14,17357	54,97795	45.2
INV_053		S3	03.11.2022	CTDO	14,17470	54,97790	46.3

Location ID	CC1 cable corridor	Survey	Date	Activity	Easting (°)	Northing (°)	Depth ROV (m)
INV_054		S1	18.03.2022	ROV	14,12679	54,96763	45.7
INV_054		S1	18.03.2022	HAPS Infauna	14,12645	54,96717	45.7
INV_055		S1	18.03.2022	ROV	14,10077	54,98228	47.0
INV_055		S1	18.03.2022	HAPS Infauna	14,10080	54,98235	47.0
INV_056		S1	18.03.2022	ROV	14,07126	54,99022	47.5
INV_056		S1	18.03.2022	HAPS Infauna	14,07178	54,99032	47.5
INV_057		S1	18.03.2022	ROV	14,03788	54,96499	47.0
INV_057		S1	18.03.2022	HAPS Infauna	14,03777	54,96493	47.0
INV_057		S3	03.11.2022	CTDO	14,03767	54,96525	48.0
INV_058		S1	18.03.2022	ROV	14,07282	54,95464	46.0
INV_058		S1	18.03.2022	HAPS Infauna	14,07282	54,95464	46.0
INV_058		S3	03.11.2022	CTDO	14,07288	54,95465	46.9
INV_059		S1	18.03.2022	ROV	14,07353	54,93894	45.2
INV_059		S1	18.03.2022	HAPS Infauna	14,07368	54,93879	45.2
INV_059		S3	03.11.2022	CTDO	14,07328	54,93903	46.2
INV_060		S1	18.03.2022	ROV	14,03475	54,94392	46.1
INV_060		S1	18.03.2022	HAPS Infauna	14,03535	54,94399	46.1
INV_061	CC1	S1	19.03.2022	ROV	14,52578	55,03535	34.4
INV_061	CC1	S1	19.03.2022	HAPS Infauna	14,52567	55,03537	34.4
INV_062	CC1	S1	19.03.2022	ROV	14,55328	55,02593	21.8
INV_062	CC1	S1	19.03.2022	HAPS Infauna	14,55327	55,02594	21.8
INV_063	CC1	S1	19.03.2022	ROV	14,53991	55,01692	21.2
INV_064		S1	19.03.2022	ROV	14,51756	55,01832	21.2
INV_065	CC1	S1	19.03.2022	ROV	14,50008	55,03274	37.1
INV_066		S1	19.03.2022	ROV	14,46130	55,02448	38.0
INV_066		S1	19.03.2022	HAPS Infauna	14,46149	55,02442	38.0
INV_067		S1	19.03.2022	ROV	14,52119	55,00378	24.2
INV_068		S1	19.03.2022	ROV	14,49710	55,00238	27.7
INV_069		S1	20.03.2022	ROV	14,49674	54,98444	24.9
INV_070		S1	20.03.2022	ROV	14,44714	54,99798	36.2
INV_070		S1	20.03.2022	HAPS Infauna	14,44698	54,99792	36.2
INV_071		S1	20.03.2022	ROV	14,46529	54,97475	25.1
INV_071		S3	03.11.2022	CTDO	14,46530	54,97482	22.0
INV_072		S1	20.03.2022	ROV	14,43534	54,97767	31.8
INV_073		S1	20.03.2022	ROV	14,40365	54,99101	38.0
INV_073		S1	20.03.2022	HAPS Infauna	14,40332	54,99088	38.0
INV_074		S1	20.03.2022	ROV	14,39143	54,97162	36.1
INV_075		S1	20.03.2022	ROV	14,41459	54,96890	33.5
INV_076		S1	20.03.2022	ROV	14,42711	54,95314	27.2
INV_077		S1	20.03.2022	ROV	14,41212	54,93638	26.9
INV_078		S1	20.03.2022	ROV	14,37563	54,94257	33.4
INV_079		S1	09.03.2022	ROV	14,36923	54,91891	27.2
INV_079		S1	09.03.2022	HAPS Infauna	14,36903	54,91891	27.2
INV_080		S1	09.03.2022	ROV	14,32406	54,90561	30.0
INV_080		S1	09.03.2022	HAPS Infauna	14,32422	54,90577	30.0
INV_080		S3	03.11.2022	CTDO	14,32387	54,90572	31.0
INV_081		S1	09.03.2022	ROV	14,30727	54,88300	28.4
INV_081		S1	09.03.2022	HAPS Infauna	14,30720	54,88307	28.4
INV_082		S1	09.03.2022	ROV	14,26659	54,87607	33.1
INV_082		S1	09.03.2022	HAPS Infauna	14,26644	54,87604	33.1
INV_083		S1	08.03.2022	ROV	14,23536	54,85041	29.0
INV_083		S1	08.03.2022	HAPS Infauna	14,23538	54,85041	29.0
INV_083		S3	03.11.2022	CTDO	14,23515	54,85057	30.0
INV_084		S1	08.03.2022	ROV	14,21880	54,82885	27.2
INV_084		S1	08.03.2022	HAPS Infauna	14,21882	54,82894	27.2
INV_085		S1	07.03.2022	ROV	14,97816	54,97160	25.0

Location ID	CC1 cable corridor	Survey	Date	Activity	Easting (°)	Northing (°)	Depth ROV (m)
INV_085		S1	07.03.2022	HAPS Infauna	14,97764	54,97173	25.0
INV_086		S1	07.03.2022	ROV	14,96965	54,93818	39.2
INV_086		S1	07.03.2022	HAPS Infauna	14,96973	54,93815	39.2
INV_087		S1	07.03.2022	ROV	14,89671	54,93622	36.9
INV_087		S1	07.03.2022	HAPS Infauna	14,89625	54,93627	36.9
INV_088		S1	07.03.2022	ROV	14,85527	54,92528	34.2
INV_088		S1	07.03.2022	HAPS Infauna	14,85495	54,92522	34.2
INV_089		S1	07.03.2022	ROV	14,88852	54,91258	41.0
INV_090		S1	07.03.2022	ROV	14,96506	54,90855	48.0
INV_091		S1	07.03.2022	ROV	14,92192	54,89747	46.2
INV_091		S1	07.03.2022	HAPS Infauna	14,92183	54,89743	46.2
INV_092		S1	07.03.2022	ROV	14,95271	54,87423	53.1
INV_093		S1	07.03.2022	ROV	14,87610	54,88930	44.3
INV_094		S1	07.03.2022	ROV	14,83756	54,90189	38.3
INV_095		S1	07.03.2022	ROV	14,93267	54,95311	33.5
INV_095		S1	07.03.2022	HAPS Infauna	14,93254	54,95301	33.5
INV_096		S1	07.03.2022	ROV	14,95506	54,82500	52.6
INV_097		S1	07.03.2022	ROV	14,94043	54,79627	59.3
INV_098		S1	07.03.2022	ROV	14,93946	54,76806	59.4
INV_098		S1	07.03.2022	HAPS Infauna	14,93951	54,76808	59.4
INV_099		S1	07.03.2022	ROV	14,91375	54,74312	58.6
INV_099		S1	07.03.2022	HAPS Infauna	14,91362	54,74326	58.6
INV_100		S1	07.03.2022	ROV	14,92977	54,71618	57.9
INV_100		S1	07.03.2022	HAPS Infauna	14,92989	54,71634	57.9
INV_100		S3	02.11.2022	CTDO	14,93022	54,71637	59.4
INV_101		S1	07.03.2022	ROV	14,87596	54,71005	56.4
INV_101		S1	07.03.2022	HAPS Infauna	14,87596	54,71010	56.4
INV_102		S1	07.03.2022	ROV	14,92685	54,68977	55.7
INV_102		S1	07.03.2022	HAPS Infauna	14,92671	54,68978	55.7
INV_103		S1	07.03.2022	ROV	14,86886	54,67545	53.8
INV_104		S1	07.03.2022	ROV	14,81280	54,68732	53.6
INV_105		S1	07.03.2022	ROV	14,76967	54,67662	52.6
INV_105		S1	07.03.2022	HAPS Infauna	14,76953	54,67665	52.6
INV_105		S3	03.11.2022	CTDO	14,76977	54,67653	58.0
INV_106		S1	07.03.2022	ROV	14,70908	54,66698	50.9
INV_107		S1	07.03.2022	ROV	14,65727	54,67223	50.0
INV_107		S1	07.03.2022	HAPS Infauna	14,65761	54,67233	50.0
INV_108		S1	07.03.2022	ROV	14,62314	54,65782	47.8
INV_109		S1	07.03.2022	ROV	14,58149	54,66849	45.4
INV_110		S1	07.03.2022	ROV	14,53229	54,65709	41.5
INV_110		S1	07.03.2022	HAPS Infauna	14,53215	54,65737	41.5
INV_111		S1	07.03.2022	ROV	14,49417	54,67263	36.1
INV_111		S1	07.03.2022	HAPS Infauna	14,49429	54,67257	36.1
INV_112		S1	07.03.2022	ROV	14,46385	54,65425	30.8
INV_112		S1	07.03.2022	HAPS Infauna	14,46389	54,65443	30.8
INV_113		S1	07.03.2022	ROV	14,48617	54,63084	29.2
INV_113		S1	07.03.2022	HAPS Infauna	14,48617	54,63084	29.2
INV_01x		S3	03.11.2022	CTDO	14,93507	54,92513	43.2

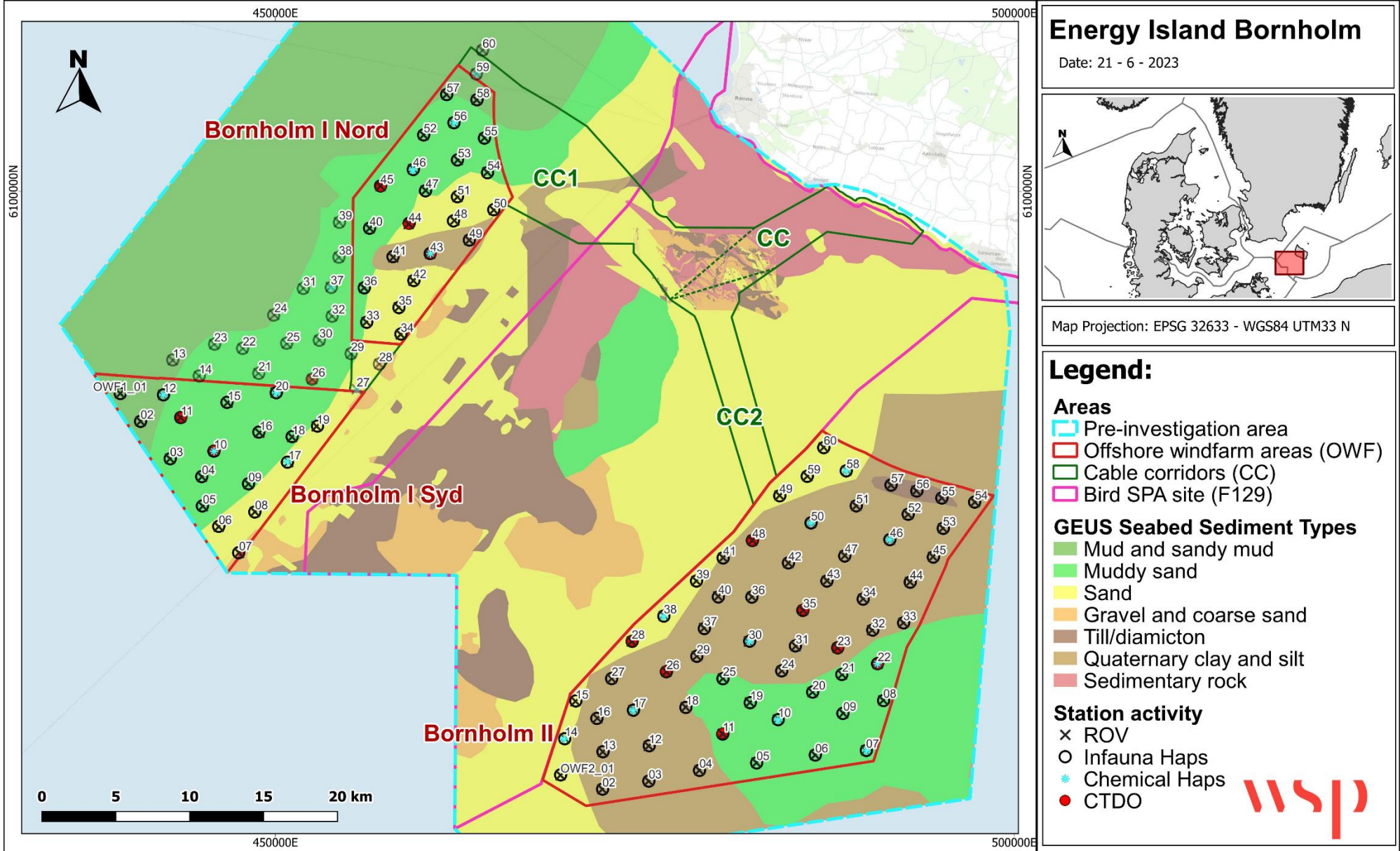
APPENDIX 2 – STATION NUMBERS

In this Appendix overviews and zooms of the station numbers in the pre-investigation area and subareas within are presented. This overview of stations is provided, since it can be difficult to see station numbers in the generally smaller figure format of this report.

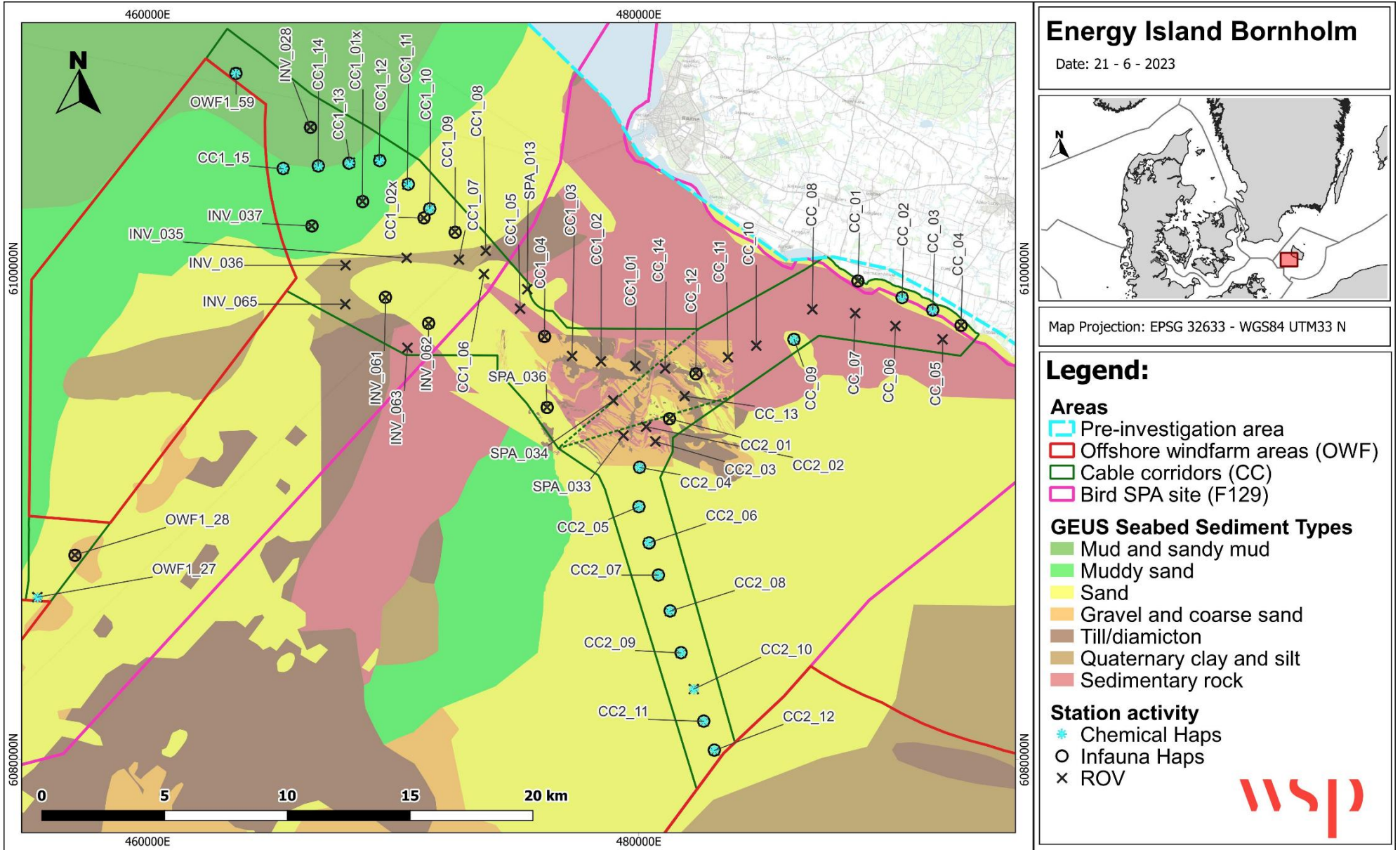
On the Figure with “Wind farm stations” (OWFs) and the “Remaining stations” (INV) it was not possible to put the prefix on all station numbers. The prefix OWF1_, OWF2_ and INV_ are therefore only presented once on the figure and the rest of the stations only show the number after the prefix.

For the bird SPA area, zooms were made, as the station numbers were placed so close in some areas, that they could not be distinguished on one figure.

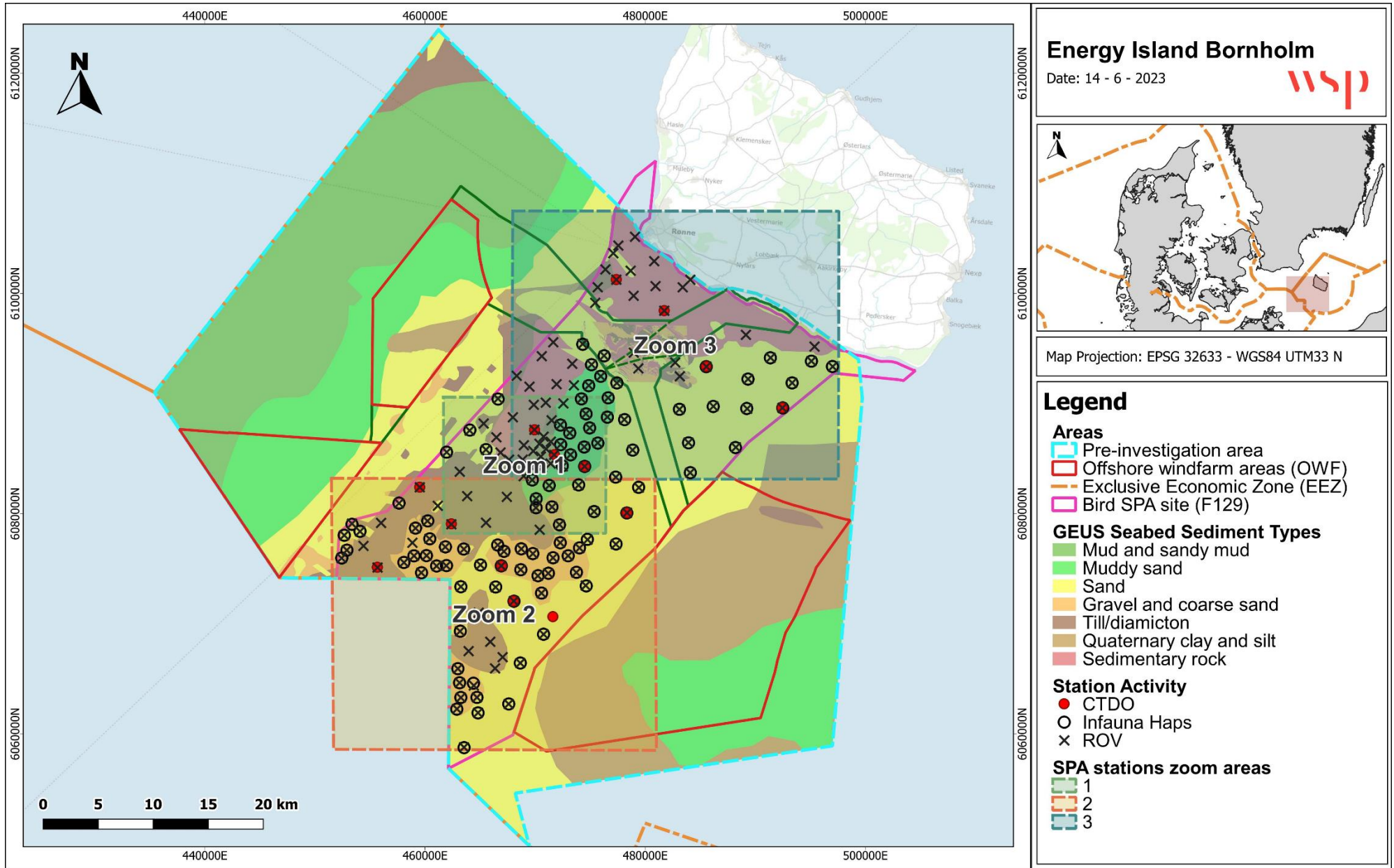
MAP 1: WIND FARM AREAS (OWFS)



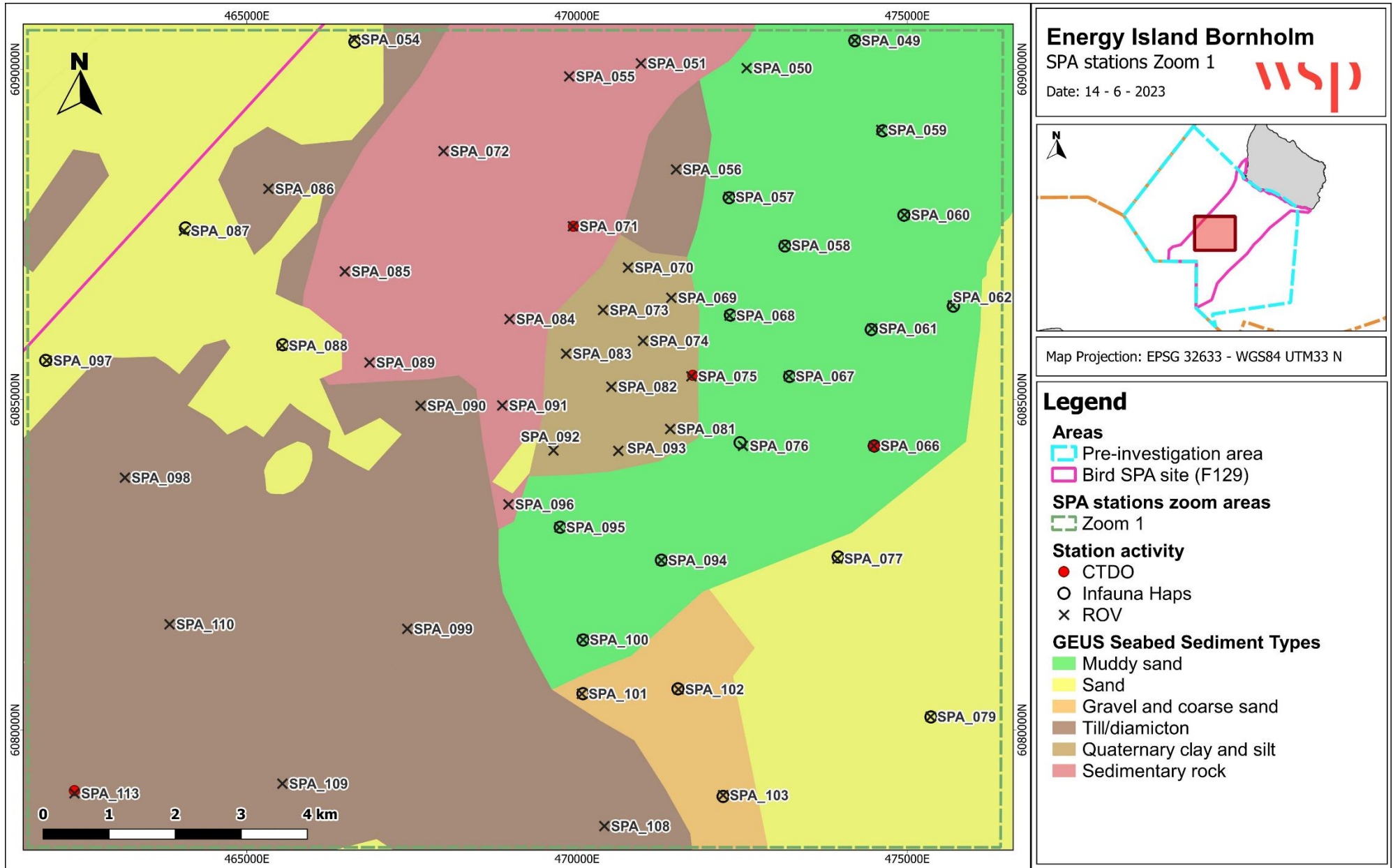
MAP 2: CABLE CORRIDORS (CC, CC1 AND CC2):



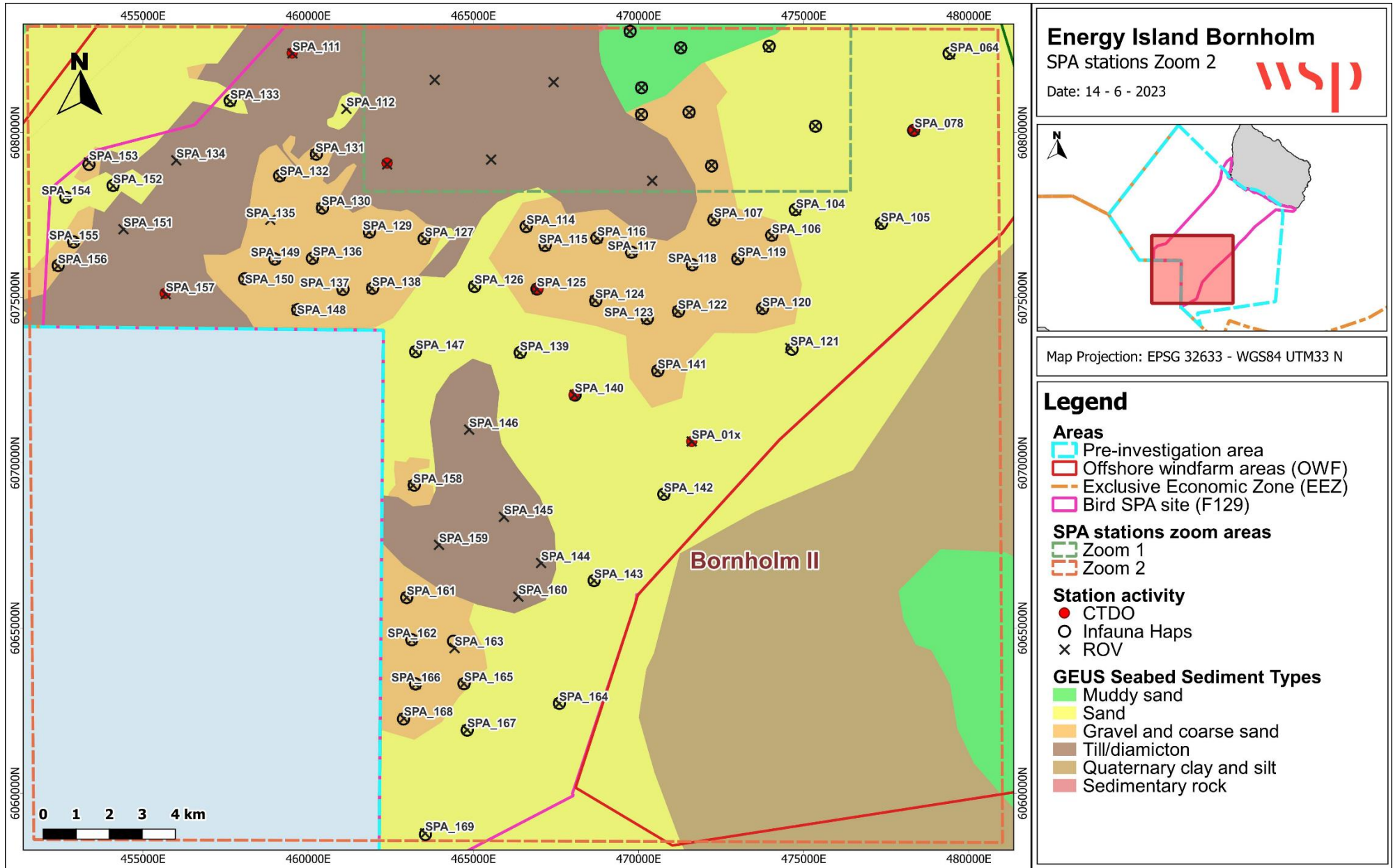
MAP 3: BIRD SPA AREA – OVERVIEW:



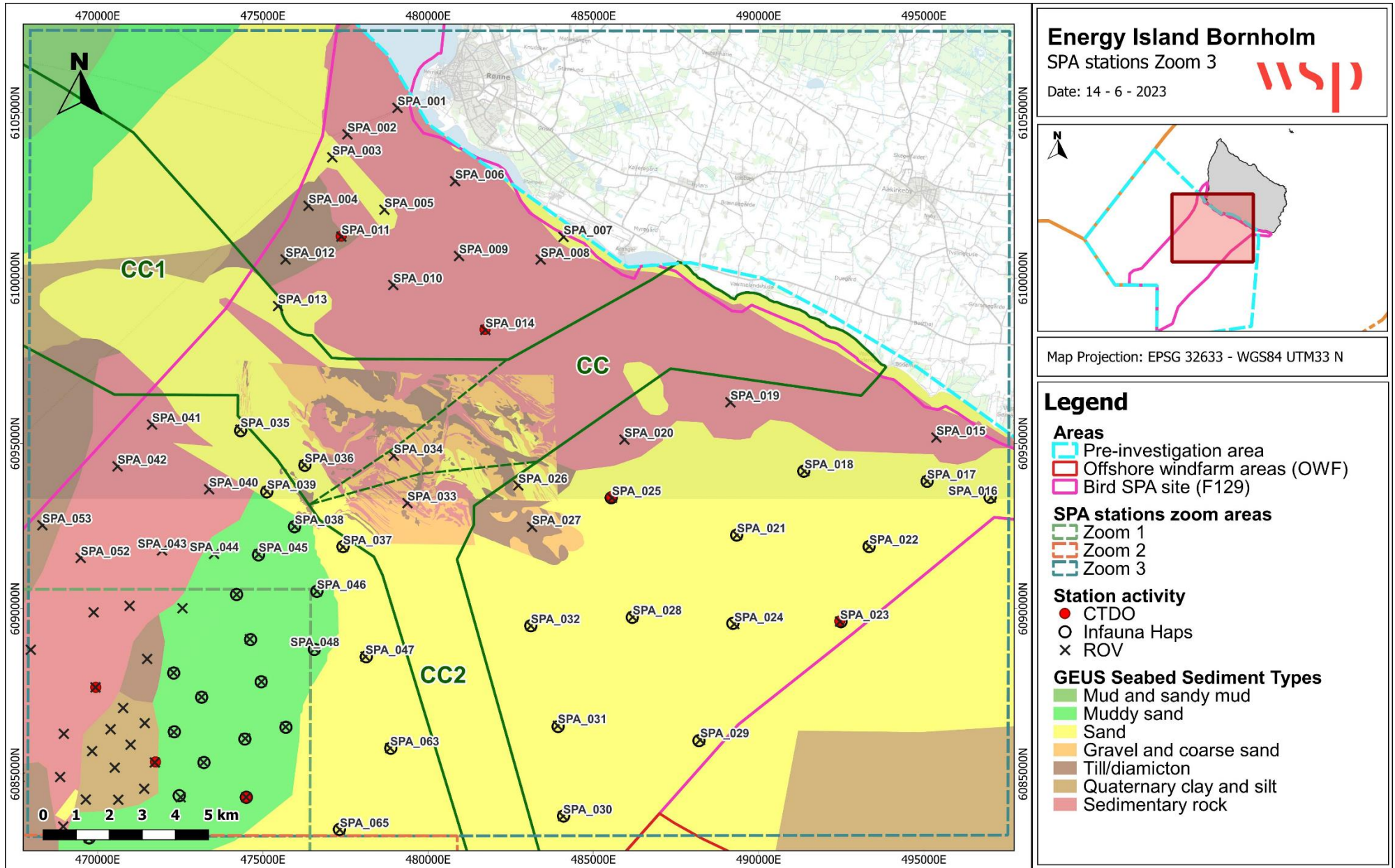
MAP 3.1: BIRD SPA AREA - ZOOM 1:



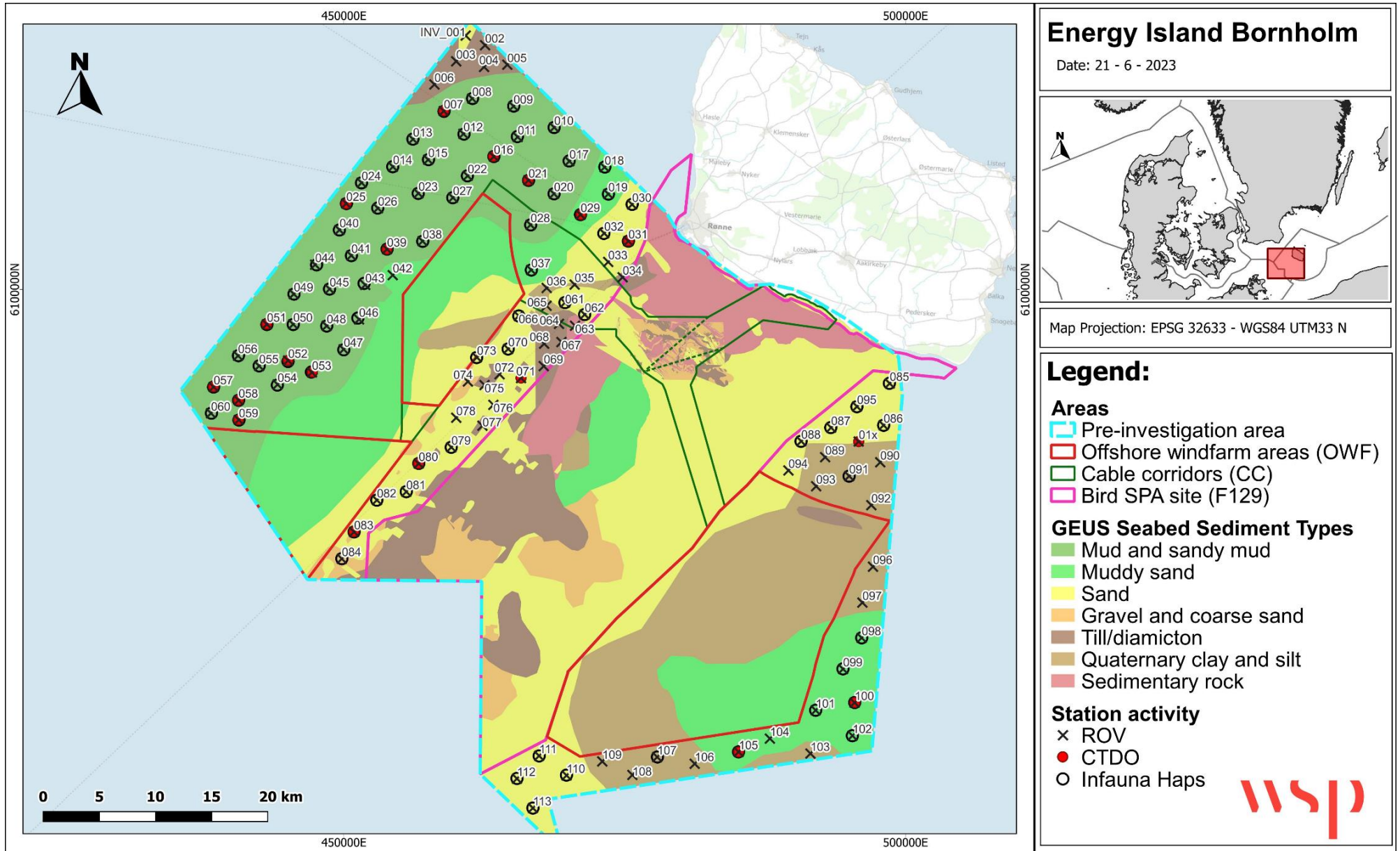
MAP 3.2: BIRD SPA AREA - ZOOM 2:



MAP 3.3: BIRD SPA AREA - ZOOM 3:



MAP 4: REMAINING STATIONS (INV):



APPENDIX 3 – LOGBOOKS FOR STATIONS

The logbooks are divided into the different subareas based on the original station prefix (OWF1, OWF2, CC, SPA and rest stations INV) within the pre-investigation area for Energy Island Bornholm. The subareas are Bornholm I = OWF1, Bornholm II = OWF2, CC, CC1, CC2 = cable corridor area, Bird SPA site (SPA) and rest stations placed outside the subareas to ensure coverage of the entire pre-investigation area.

APPENDIX 3A – LOGBOOK FOR BORNHOLM I (OWF1)

Kunde:	Energinet	Date:	2022-03-01	Area:	Baltic Sea	Planned target			
Project:	ENOE	Wind speed (m/s)	9 m/s	Station:	OWF1_01	Northing	Easting	Depth	
Vessel	Skoven	Wave height (m)	1,5 m	Note:	-	54°92,026	14°05,616	44 m	
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Mud and sandy mud		
Task	Time	Depth	Northing	East	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance	
ROV	10:15:00	43,20	54°92,024	14°05,616	MILS	SNIE	PEPE	Dist. 3 m	
CTDO								Dist. 6239857 m	
Haps Infauna	10:30:00	43,20	54°92,024	14°05,616	MILS	SNIE	PEPE	Dist. 3 m	
Haps Chem								Dist. 6239857 m	
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition			
Sediment type:	1a	Sediment description:	Flora:	None	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)	
Clay (%)	0%	Muddy bottom, fine sand, very wave ripples, trawling tracks	Invertebrates:	Sand: dom. by infauna activity mostly holes and piles, possible from mussels/polycheates (<1-10 %); additionally shrimp sp (<1 %)	0 %	INF_OW1_01	Mud and sandy mud	Gray-ish	
Mud/silt (%)	80 %				Overall coverage	Smell (Infauna)	Visible species (Infauna)		
Sand (%)	20 %		<1-10 %	Moderate sulfur	None				
Gravel (%)	0%		Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)			
Cobbles <10 cm (%)	0%		<1 %	-					
Boulders >10 cm (%)	0%		Video file id:	OWF1_01			Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)			
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity	
Clay (%)			Invertebrates:		Overall coverage	Depth	Temperature	Remarks	
Mud/silt (%)					Overall coverage				
Sand (%)			Overall coverage						
Gravel (%)			Overall coverage						
Cobbles <10 cm (%)			Video file id:			Others	QA: PEPE; QA DANJ substrate type has been changed. Liv		
Boulders >10 cm (%)									

Kunde:	Energinet	Date:	2022-03-01	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	7 m/s	Station:	OWF1_02	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	1,3 m	Note:	-	54°90,357	14°07,793	43 m
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Mud and sandy mud	
Task	Time	Depth	Northing	East	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	10:55:00	41,80	54°90,347	14°07,797	MILS	SNIE	PEPE	Dist. 11 m
CTDO								Dist. 6238489 m
Haps Infauna	11:01:00	41,80	54°90,347	14°07,797	MILS	SNIE	PEPE	Dist. 11 m
Haps Chem								Dist. 6238489 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	1a	Sediment description:	Flora:	None	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%	Sandy muddy bottom, shallow wave ripples	Invertebrates:	Sand: dom. by infauna activity mostly holes, possibly from mussels/polychaetes (<1-5%); additionally shrimp sp. (<1%).	0 %	INF_OW1_02	Muddy	Light gray, dark gray
Mud/silt (%)	100 %				Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	0%		<1-5 %	Sulfur	Shells fragments, and two species of bivalves			
Gravel (%)	0%		Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)		
Cobbles <10 cm (%)	0%		<1 %	-				
Boulders >10 cm (%)	0%		Video file id:	OWF1_02		Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:					
Mud/silt (%)					Overall coverage	Depth	Temperature	Remarks
Sand (%)								
Gravel (%)			Overall coverage	Others	QA: PEPE; QA DANJ substrate type has been changed. Liv			
Cobbles <10 cm (%)								
Boulders >10 cm (%)			Video file id:					

Kunde:	Energinet	Date:	2022-03-01	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	6 m/s	Station:	OWF1_03	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	1,3 m	Note:	-	54°88,098	14°10,976	41 m
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Muddy sand	
Task	Time	Depth	Northing	East	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	12:00:00	39,50	54°88,097	14°10,954	MILS	SNIE	PEPE	Dist. 14 m
CTDO								Dist. 6236685 m
Haps Infauna	12:07:00	39,50	54°88,098	14°10,975	MILS	SNIE	PEPE	Dist. m
Haps Chem								Dist. 6236685 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	1a	Sediment description:	Flora:	None	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%	Sandy muddy bottom, shallow wave ripples	Invertebrates:	Sand: dom. by infauna activity mostly holes and piles, possible from mussels and polychaetes (<1-4 %) incl. piles (<1-4 %) of lugworm; additionally shrimp sp. (<1 %).	0 %	INF_OW1_03	Mud	Dark gray/brown
Mud/silt (%)	100 %				Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	0%		<1-4 %	None	None			
Gravel (%)	0%		Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)		
Cobbles <10 cm (%)	0%		<1 %	-				
Boulders >10 cm (%)	0%		Video file id:	OWF1_03		Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:		Overall coverage	Depth	Temperature	Remarks
Mud/silt (%)					Overall coverage			
Sand (%)			Overall coverage					
Gravel (%)			Overall coverage					
Cobbles <10 cm (%)			Video file id:			Others	QA: PEPE; QA DANJ substrate type has been changed. Liv	
Boulders >10 cm (%)								

Kunde:	Energinet	Date:	2022-03-01	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	10 m/s	Station:	OWF1_04	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	1,3 m	Note:	-	54°87,032	14°14,336	39 m
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Muddy sand	
Task	Time	Depth	Northing	East	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	12:34:00	36,30	54°87,025	14°14,345	MILS	SNIE	PEPE	Dist. 10 m
CTDO								Dist. 6236185 m
Haps Infauna	12:45:00	36,10	54°87,038	14°14,320	MILS	SNIE	PEPE	Dist. 12 m
Haps Chem								Dist. 6236185 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	1b	Sediment description:	Flora:	None	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%	Sandy bottom, a bit sandworms piles, holes from mussels, sharp wave ripples	Invertebrates:	Sand: dom. by infauna activity mostly holes from polychaetes or mussels (<1-3%) incl. piles of lugworm (1-3%) and Pygospio elegans tubes (1-8%); additionally shrimp sp.	0 %	INF_OW1_04	Clay, sand on the top and gravel	Ligth in the top layer and darker below in the clay
Mud/silt (%)	30 %				Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	70 %		1-8 %	None	A little worm, and a little mussel			
Gravel (%)	0%		Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)		
Cobbles <10 cm (%)	0%		<1 %	-				
Boulders >10 cm (%)	0%		Video file id:	OWF1_04		Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:					
Mud/silt (%)					Overall coverage	Depth	Temperature	Remarks
Sand (%)								
Gravel (%)			Overall coverage	Others QA: PEPE; QA DANJ substrate type has been changed. Liv				
Cobbles <10 cm (%)								
Boulders >10 cm (%)			Video file id:					

Kunde:	Energinet	Date:	2022-03-01	Area:	Baltic Sea	Planned target			
Project:	ENOE	Wind speed (m/s)	9 m/s	Station:	OWF1_05	Northing	Easting	Depth	
Vessel	Skoven	Wave height (m)	1,3 m	Note:	-	54°85,250	14°14,430	35 m	
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Muddy sand		
Task	Time	Depth	Northing	East	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance	
ROV	13:07:00	32,40	54°85,237	14°14,475	MILS	SNIE	PEPE	Dist. 32 m	
CTDO								Dist. 6234308 m	
Haps Infauna	13:18:00	35,40	54°85,251	14°14,425	MILS	SNIE	PEPE	Dist. 3 m	
Haps Chem								Dist. 6234308 m	
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition			
Sediment type:	2	Sediment description:	Muddy sand, few larger rocks, distinct wave ripples.	Flora:	None	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%			Invertebrates:	Sand: dom. by infauna activity mostly piles of lugworm (<1-3 %) and Pygospio elegans tubes (1-5 %). Rocks: dom. by hydrozoans (1-50 %) and Mytilus spp. (1-30 %), calcareous tubes on rocks and mussels (Serpulidae) (<1 %), barnacles (1 %)	0 %	INF_OW1_05	Fine sand, very little mud,	Light sand and light gray, some stones and shells
Mud/silt (%)	40 %			Fish:	Sand gobies (<1 %)	Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	50 %			Video file id:	OWF1_05	1-4 %	Weak sulfur	Some different species (mostly worms).	
Gravel (%)	0%					Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)
Cobbles <10 cm (%)	0%					<1 %			
Boulders >10 cm (%)	10 %						Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)			
Sediment type:		Sediment description:		Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)				Invertebrates:					
Mud/silt (%)				Fish:		Overall coverage	Depth	Temperature	Remarks
Sand (%)				Video file id:					
Gravel (%)									
Cobbles <10 cm (%)							Others	QA: PEPE; QA DANJ substrate type has been changed. Liv	
Boulders >10 cm (%)									

Kunde:	Energinet	Date:	2022-03-01	Area:	Baltic Sea	Planned target			
Project:	ENOE	Wind speed (m/s)	7 m/s	Station:	OWF1_06	Northing	Easting	Depth	
Vessel	Skoven	Wave height (m)	1,3 m	Note:	Two HAPS attempts, dirt on the ROV lens.	54°84,036	14°16,170	33 m	
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Sand		
Task	Time	Depth	Northing	East	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance	
ROV	13:38:00	31,80	54°84,004	14°16,178	MILS	SNIE	PEPE	Dist. 36 m	
CTDO								Dist. 6233347 m	
Haps Infauna	13:53:00	31,80	54°84,023	14°16,178	MILS	SNIE	PEPE	Dist. 15 m	
Haps Chem								Dist. 6233347 m	
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition			
Sediment type:	1b	Sediment description:	Flora:	None	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)	
Clay (%)	0%	Sandy bottom with a bit sediment of organic matter, sharp wave ripples, piles from sandworms.	Invertebrates:	Sand: dom. by infauna activity mostly piles of lugworm (<1-3 %) and Pygospio elegans tubes (1-40 %); additionally shrimp sp. (<1 %) and mussels (Mytilus spp.) (<1 %).	0 %	INF_OW1_06	Sand and gravels	Colours of sand and gravels	
Mud/silt (%)	10 %				Overall coverage	Smell (Infauna)	Visible species (Infauna)		
Sand (%)	90 %		1-40 %	None	Many small worms, and bivalves				
Gravel (%)	0%		Fish:	Sand gobies (<1 %)	Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)	
Cobbles <10 cm (%)	0%				<1 %	-			
Boulders >10 cm (%)	0%		Video file id:	OWF1_06			Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)			
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity	
Clay (%)			Invertebrates:		Overall coverage	Depth	Temperature	Remarks	
Mud/silt (%)									
Sand (%)			Fish:		Overall coverage	Others QA: PEPE; QA DANJ substrate type has been changed. Liv			
Gravel (%)									
Cobbles <10 cm (%)			Video file id:						
Boulders >10 cm (%)									

Kunde:	Energinet	Date:	2022-03-01	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	6 m/s	Station:	OWF1_07	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	1,3 m	Note:	-	54°82,438	14°18,295	28 m
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Gravel and coarse sand	
Task	Time	Depth	Northing	East	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	14:09:00	27,40	54°82,422	14°18,349	MILS	SNIE	PEPE	Dist. 39 m
CTDO								Dist. 6232051 m
Haps Infauna	14:19:00	27,20	54°82,433	14°18,308	MILS	SNIE	PEPE	Dist. 10 m
Haps Chem								Dist. 6232051 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	1b	Sediment description:	Flora:	Maybe some brown crust. Substrate specific coverage: <1 %	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%	Sharps tall wave ripples on the sand bottom, small rocks, gravel ass well	Invertebrates:	Sand: dom. by small blue mussels (Mytilus spp.) (5-10 %), barnacles on mussels (1 %); additionally piles of lugworm (<1 %) and tubes of Pygospio elegans (<1-1 %); Rocks: dom. by Mytilus spp. (75 %), calcareous tubes on mussels/rocks (Serpulidae) (1 %), barnacles (<1-5 %)	<1 %	INF_OW1_07	Fine sand and gravel, shell fragments	light sand and darker gravel
Mud/silt (%)	0%				Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	87 %		3-10 %	None	Many worms			
Gravel (%)	10 %		Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)		
Cobbles <10 cm (%)	2 %		<1 %	-				
Boulders >10 cm (%)	1 %		Video file id:	OWF1_07		Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:		Overall coverage	Depth	Temperature	Remarks
Mud/silt (%)					Overall coverage	Others QA: PEPE; QA DANJ substrate type has been changed. Liv		
Sand (%)			Overall coverage					
Gravel (%)			Overall coverage					
Cobbles <10 cm (%)			Video file id:					
Boulders >10 cm (%)								

Kunde:	Energinet	Date:	2022-03-01	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	5 m/s	Station:	OWF1_08	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	1,0 m	Note:	Several tries of HAPS-sample. Issues with vacuum	54°84,930	14°19,944	34 m
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Sand	
Task	Time	Depth	Northing	East	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	14:35:00	28,60	54°84,930	14°19,978	MILS	SNIE	PEPE	Dist. 22 m
CTDO								Dist. 6235011 m
Haps Infauna	14:53:00	28,60	54°84,922	14°19,961	MILS	SNIE	PEPE	Dist. 14 m
Haps Chem								Dist. 6235011 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	1b	Sediment description:	Flora:	None	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%	Sandy bottom, sharp wave ripples	Invertebrates:	Sand: dom. by infauna activity mostly holes and piles of lugworm (<1-2 %) and Pygospio elegans tubes (1-10 %)	0 %	INF_OW1_08	Sand and a bit gravel	light sand darker gravel
Mud/silt (%)	0%				Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	100 %		1-10 %	None	Polychaetes			
Gravel (%)	0%		Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)		
Cobbles <10 cm (%)	0%		<1 %	-				
Boulders >10 cm (%)	0%		Video file id:	OWF1_08		Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:		Overall coverage	Depth	Temperature	Remarks
Mud/silt (%)					Overall coverage			
Sand (%)			Overall coverage					
Gravel (%)			Overall coverage					
Cobbles <10 cm (%)			Video file id:			Others	QA: PEPE; QA DANJ substrate type has been changed. Liv	
Boulders >10 cm (%)								

Kunde:	Energinet	Date:	2022-03-01	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	5 m/s	Station:	OWF1_09	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	0,8	Note:	-	54°86,644	14°19,235	37 m
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Muddy sand	
Task	Time	Depth	Northing	East	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	15:20:00	34,20	54°86,626	14°19,258	MILS	SNIE	PEPE	Dist. 25 m
CTDO								Dist. 6236697 m
Haps Infauna	15:28:00	34,30	54°86,633	14°19,263	MILS	SNIE	PEPE	Dist. 22 m
Haps Chem								Dist. 6236697 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	1b	Sediment description:	Flora:	None	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%	Muddy sandy bottom, shallow wave ripples, fine sand, mixed size of wave ripples	Invertebrates:	Sand: dom. by infauna activity incl. piles of lugworm (1-2 %) and Pygospio elegans tubes (1-5 %); additionally few white shells, shrimp sp.	0 %	INF_OW1_09	Fine sand, silt, shell fragments	Light/light gray,
Mud/silt (%)	10 %				Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	90 %		1-5 %	None	Small worms			
Gravel (%)	0%		Fish:	Sand gobies (<1 %)	Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)
Cobbles <10 cm (%)	0%				<1 %	-		
Boulders >10 cm (%)	0%		Video file id:	OWF1_09			Smell (Chem)	Visible species (Chem)
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:		Overall coverage	Depth	Temperature	Remarks
Mud/silt (%)						Overall coverage	Others QA: PEPE; QA DANJ substrate type has been changed. Liv	
Sand (%)			Overall coverage					
Gravel (%)			Overall coverage					
Cobbles <10 cm (%)			Video file id:					
Boulders >10 cm (%)								

Kunde:	Energinet	Date:	2022-03-01	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	5 m/s	Station:	OWF1_10	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	0,8	Note:	-	54°88,598	14°15,596	40 m
ROV	Yes	Infauna	Yes	Chemistry	Yes	Expected substrate	Muddy sand	
Task	Time	Depth	Northing	East	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	15:49:00	37,60	54°88,588	14°15,579	MILS	SNIE	PEPE	Dist. 15 m
CTDO								Dist. 6238086 m
Haps Infauna	15:57:00	37,50	54°88,593	14°15,576	MILS	SNIE	PEPE	Dist. 14 m
Haps Chem	16:00	37,00	54°88,583	14°15,592	MILS	SNIE	PEPE	Dist. 17 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	1a	Sediment description:	Flora:	None	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%	Fine muddy bottom, silt fine grained, weak wave ripples. 20 % sand, 40 % mud, 40 % silt.	Invertebrates:	Sand: dom. by infauna activity incl. Holes and piles of lugworms and polychaetes (2-10 %) and Pygospio elegans tubes (1 %)	0 %	INF_OW1_10	Mud, silt	Dark and ligh in the top layer
Mud/silt (%)	80 %				Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	20 %		Overall coverage	Weak sulfur	Empty shells from bivalves, and small worms.			
Gravel (%)	0%		Fish:	Sand gobies (<1 %)	Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)
Cobbles <10 cm (%)	0%				<1 %	-	Mud/silt	Dark and ligh in the top layer
Boulders >10 cm (%)	0%		Video file id:	OWF1_10			Smell (Chem): weak sulfur	Visible species (Chem)
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:		Overall coverage	Depth	Temperature	Remarks
Mud/silt (%)					Overall coverage	Others QA: PEPE; QA DANJ substrate type has been changed. Liv		
Sand (%)			Overall coverage					
Gravel (%)			Overall coverage					
Cobbles <10 cm (%)			Fish:					
Boulders >10 cm (%)			Video file id:					

Kunde:	Energinet	Date:	2022-03-01	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	5 m/s	Station:	OWF1_11	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	0,8	Note:	-	54°90,616	14°12,065	42 m
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Muddy sand	
Task	Time	Depth	Northing	East	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	16:21:00	41,10	54°90,608	14°12,034	MILS	SNIE	PEPE	Dist. 21 m
CTDO								Dist. 6239566 m
Haps Infauna	16:29:00	41,30	54°90,612	14°12,030	MILS	SNIE	PEPE	Dist. 23 m
Haps Chem								Dist. 6239566 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	1a	Sediment description:	Flora:	Dead eelgrass	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%	Muddy bottom, flat and soft bottom.	Invertebrates:	Sand: few signs of invertebrates, dom. by piles of lugworm (<1-4 %); additionally a shrimp sp.	0 %	INF_OW1_11	Mud	Gray, black, oil
Mud/silt (%)	100 %				Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	0%		<1-4 %	Smell of oil	Worm, some empty shells from bivalves			
Gravel (%)	0%		Fish:	Sand gobies (<1 %)	Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)
Cobbles <10 cm (%)	0%				<1 %	-		
Boulders >10 cm (%)	0%		Video file id:	OWF1_11		Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:		Overall coverage	Depth	Temperature	Remarks
Mud/silt (%)					Overall coverage			
Sand (%)			Fish:		Overall coverage	Others QA: PEPE; QA DANJ substrate type has been changed. Liv		
Gravel (%)					Overall coverage			
Cobbles <10 cm (%)			Video file id:					
Boulders >10 cm (%)								

Kunde:	Energinet	Date:	2022-03-01	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	3 m/s	Station:	OWF1_12	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	0,6	Note:	Issues regarding "washing" haps-samples	54°91,996	14°10,177	43 m
ROV	Yes	Infauna	Yes	Chemistry	Yes	Expected substrate	Mud and sandy mud	
Task	Time	Depth	Northing	East	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	16:44:00	42,10	54°91,975	14°10,145	MILS	SNIE	PEPE	Dist. 31 m
CTDO								Dist. 6240679 m
Haps Infauna	16:55:00	42,10	54°91,979	14°10,178	MILS	SNIE	PEPE	Dist. 19 m
Haps Chem	16:53	42,10	54°91,979	14°10,178	MILS	SNIE	PEPE	Dist. 19 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	1a	Sediment description:	Flora:	None	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%	Muddy/silty bottom, small wave ripples	Invertebrates:	Sand: dom. by infauna activity mostly holes from polychaetes or mussels (2-10 %); additionally shrimp sp.	0 %	INF_OW1_12	Mud	Dark in the bottom of the profile and lighter in the top layer.
Mud/silt (%)	100 %				Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	0%		2-10 %	Weak sulfur	Empty shells from bivalves			
Gravel (%)	0%		Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)		
Cobbles <10 cm (%)	0%						<1 %	-
Boulders >10 cm (%)	0%		Video file id:	OWF1_12		Smell (Chem): weak smell	Visible species (Chem)	Empty shells from bivalves
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:		Overall coverage	Depth	Temperature	Remarks
Mud/silt (%)					Overall coverage			
Sand (%)			Overall coverage	Fish:		Others	QA: PEPE; QA DANJ substrate type has been changed. Liv	
Gravel (%)								
Cobbles <10 cm (%)			Video file id:					
Boulders >10 cm (%)								

Kunde:	Energinet	Date:	2022-03-01	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	2 m/s	Station:	OWF1_13	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	0,5	Note:	-	54°94,111	14°11,087	45 m
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Mud and sandy mud	
Task	Time	Depth	Northing	East	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	17:11:00	43,40	54°94,088	14°11,109	MILS	SNIE	PEPE	Dist. 29 m
CTDO								Dist. 6243097 m
Haps Infauna	17:20:00	43,20	54°94,109	14°11,111	MILS	SNIE	PEPE	Dist. 15 m
Haps Chem								Dist. 6243097 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	1a	Sediment description:	Flora:	None	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%	Muddy bottom, a bit fine marine snow, shallow wave ripples	Invertebrates:	Sand: dom. by infauna activity mostly holes from polychaetes or mussels (<1-5 %); additionally shrimp sp.	0 %	INF_OW1_13	Mud	Dark/light
Mud/silt (%)	100 %				Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	0%		<1-5 %	Moderate smell of sulfur	Huge polychaete, empty shells, one bivalve (Astartidae)			
Gravel (%)	0%		Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)		
Cobbles <10 cm (%)	0%		<1 %	-				
Boulders >10 cm (%)	0%		Video file id:	OWF1_13		Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:		Overall coverage	Depth	Temperature	Remarks
Mud/silt (%)					Overall coverage			
Sand (%)			Overall coverage					
Gravel (%)			Overall coverage					
Cobbles <10 cm (%)			Video file id:			Others	QA: PEPE; QA DANJ substrate type has been changed. Liv	
Boulders >10 cm (%)								

Kunde:	Energinet	Date:	2022-03-01	Area:	Baltic Sea	Planned target			
Project:	ENOE	Wind speed (m/s)	4 m/s	Station:	OWF1_14	Northing	Easting	Depth	
Vessel	Skoven	Wave height (m)	0,5	Note:	-	54°93,148	14°13,921	44 m	
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Muddy sand		
Task	Time	Depth	Northing	East	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance	
ROV	18:00:00	43,50	54°93,146	14°13,905	MILS	SNIE	PEPE	Dist. 10 m	
CTDO								Dist. 6242606 m	
Haps Infauna	18:10:00	43,50	54°93,153	14°13,930	MILS	SNIE	PEPE	Dist. 8 m	
Haps Chem								Dist. 6242606 m	
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition			
Sediment type:	1a	Sediment description:	Flora:	Floating plant parts (dead eelgrass)	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)	
Clay (%)	0%	Muddy bottom, faint wave ripples.	Invertebrates:	Sand: dom. by infauna activity mostly holes from polychaetes or bivalves (<1-5 %); additionally shrimp sp.	0 %	INF_OW1_14	Mud	Gray mud	
Mud/silt (%)	100 %				Overall coverage	Smell (Infauna)	Visible species (Infauna)		
Sand (%)	0%		<1-5 %	None	Only some bivalves				
Gravel (%)	0%		Fish:	Sand gobies (<1 %)	Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)	
Cobbles <10 cm (%)	0%				<1 %				
Boulders >10 cm (%)	0%		Video file id:	OWF1_14		Smell (Chem)	Visible species (Chem)		
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)			
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity	
Clay (%)			Invertebrates:		Overall coverage	Depth	Temperature	Remarks	
Mud/silt (%)					Overall coverage				
Sand (%)			Fish:		Overall coverage	Others	QA: PEPE; QA DANJ substrate type has been changed. Liv		
Gravel (%)					Overall coverage				
Cobbles <10 cm (%)			Video file id:						
Boulders >10 cm (%)									

Kunde:	Energinet	Date:	2022-03-01	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	4 m/s	Station:	OWF1_15	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	0,5	Note:	-	54°91,558	14°16,942	42 m
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Muddy sand	
Task	Time	Depth	Northing	East	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	18:33:00	41,50	54°91,551	14°16,952	MILS	SNIE	PEPE	Dist. 10 m
CTDO								Dist. 6241485 m
Haps Infauna	18:41:00	41,50	54°91,568	14°16,889	MILS	SNIE	PEPE	Dist. 35 m
Haps Chem								Dist. 6241485 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	1a	Sediment description:	Flora:	None	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%	Muddy bottom with faint wave ripples	Invertebrates:	Sand: dom. by infauna activity mostly holes from polychaetes or bivalves (<1-5 %) and piles of lugworm (3 %). Additionally a shirmp sp.	0 %	INF_OW1_15	Mud, with some black stuff, some gravel	Grey
Mud/silt (%)	100 %				Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	0%		<1-5 %	None	Polychaeta			
Gravel (%)	0%		Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)		
Cobbles <10 cm (%)	0%		<1 %					
Boulders >10 cm (%)	0%		Video file id:	OWF1_15		Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:		Overall coverage	Depth	Temperature	Remarks
Mud/silt (%)								
Sand (%)			Overall coverage	Others QA: PEPE; QA DANJ substrate type has been changed. Liv				
Gravel (%)								
Cobbles <10 cm (%)								
Boulders >10 cm (%)			Video file id:					

Kunde:	Energinet	Date:	2022-03-01	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	4 m/s	Station:	OWF1_16	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	0,5	Note:	Pulled by ship.	54°89,764	14°20,298	39 m
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Muddy sand	
Task	Time	Depth	Northing	East	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	19:05:00	38,00	54°89,748	14°20,344	MILS	SNIE	PEPE	Dist. 35 m
CTDO								Dist. 6240213 m
Haps Infauna	19:15:00	38,00	54°89,784	14°20,291	MILS	SNIE	PEPE	Dist. 22 m
Haps Chem								Dist. 6240213 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	1b	Sediment description:	Flora:	None	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%	Sandy bottom, sharps wave ripples, sediment on top, fine sand and mud, OK visibility	Invertebrates:	Sand: dom. by infauna activity mostly tubes from Pygospio elegans (1-10 %) holes from polychaetes or bivalves (1-2 %) and piles of lugworm (<1 %); Additionally some hydrozoans on a small, some shells of a white bivalve, some barnacles on a small rock, some Astarte mussels and shells (1 %).	0 %	INF_OW1_16	Sandy/muddy bottom, blue lumps of clay	Dark grey with a light oxygenated layer on the top.
Mud/silt (%)	0%				Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	100 %		1-10 %	None	Few bivalves, some polychaeta			
Gravel (%)	0%		Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)		
Cobbles <10 cm (%)	<1%		<1 %	Fish:	Sand gobies (<1 %)			
Boulders >10 cm (%)	0%		Video file id:	OWF1_16			Smell (Chem)	Visible species (Chem)
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:					
Mud/silt (%)					Overall coverage	Depth	Temperature	Remarks
Sand (%)								
Gravel (%)			Overall coverage	Others QA: PEPE; QA DANJ substrate type has been changed. Liv				
Cobbles <10 cm (%)								
Boulders >10 cm (%)			Video file id:					

Kunde:	Energinet	Date:	2022-03-01	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	4 m/s	Station:	OWF1_17	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	0,5	Note:	Pulled by the ship. Issues with fishing net	54°87,979	14°23,371	36 m
ROV	Yes	Infauna	Yes	Chemistry	Yes	Expected substrate	Sand	
Task	Time	Depth	Northing	East	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	19:32:00	34,50	54°87,975	14°23,420	MILS	SNIE	PEPE	Dist. 32 m
CTDO								Dist. 6238898 m
Haps Infauna	19:40:00	34,60	54°87,973	14°23,340	MILS	SNIE	PEPE	Dist. 21 m
Haps Chem	19:43	34,50	54°87,998	14°23,326	MILS	SNIE	PEPE	Dist. 35 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	1b	Sediment description:	Flora:	None	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%	Sand bottom with clear wave ripples, some silt/organic material in between the wave ripples.	Invertebrates:	Sand: dom. by infauna activity mostly lugworm piles (2 %) and tubes of Pygospio elegans (1 %); additionally a small cluster of Mytilus spp.	0 %	INF_OW1_17	Fine sand, with some gravel and few cobbles	Grey
Mud/silt (%)	0%				Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	100 %		Overall coverage	None	Worm, some bivalves			
Gravel (%)	0%		Fish:	Sand gobies (<1 %)	Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)
Cobbles <10 cm (%)	0%				<1 %	-	Fine sand, with some gravel and few cobbles	Grey
Boulders >10 cm (%)	0%		Video file id:	OWF1_17			Smell (Chem): None	Visible species (Chem)
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:		Overall coverage	Depth	Temperature	Remarks
Mud/silt (%)					Overall coverage	Others QA: PEPE; QA DANJ substrate type has been changed. Liv		
Sand (%)			Overall coverage					
Gravel (%)			Overall coverage					
Cobbles <10 cm (%)			Video file id:					
Boulders >10 cm (%)								

Kunde:	Energinet	Date:	2022-03-01	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	4 m/s	Station:	OWF1_18	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	0,5	Note:	Two HAPS attempts	54°89,527	14°23,791	38 m
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Muddy sand	
Task	Time	Depth	Northing	East	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	19:58:00	38,20	54°89,508	14°23,804	MILS	SNIE	PEPE	Dist. 23 m
CTDO								Dist. 6240622 m
Haps Infauna	20:08:00	38,20	54°89,531	14°23,806	MILS	SNIE	PEPE	Dist. 10 m
Haps Chem								Dist. 6240622 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	1a-1b	Sediment description:	Flora:	Drifting eelgrass	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%	Muddy/sandy bottom, weak wave ripples, good visibility, the sediment type (%) is determined from the Haps-sample. Transition zone between substrate type 1a and 1b	Invertebrates:	Sand: dom. by infauna activity mostly piles of lugworm (1-5 %) and some tracks, holes, and tubes from bivalves or polychaetes (1-3 %); additionally few shrimps.	0 %	INF_OW1_18	Fine sand /mud,	Grey, and light grey
Mud/silt (%)	50 %		Fish:	Sand gobies (<1 %)	Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	50 %				1-5 %	None	Some empty shells and one polychaeta.	
Gravel (%)	0%		Video file id:	OWF1_18	Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)
Cobbles <10 cm (%)	0%				<1 %			
Boulders >10 cm (%)	0%					Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:			Depth	Temperature	Remarks
Mud/silt (%)			Fish:		Overall coverage	Others QA: PEPE; QA DANJ substrate type has been changed. Liv		
Sand (%)								
Gravel (%)			Video file id:					
Cobbles <10 cm (%)								
Boulders >10 cm (%)								

Kunde:	Energinet	Date:	2022-03-02	Area:	Baltic Sea	Planned target			
Project:	ENOE	Wind speed (m/s)	2.5	Station:	OWF1_19	Northing	Easting	Depth	
Vessel	Skoven	Wave height (m)	0,2	Note:	-	54°90,192	14°26,423	37 m	
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Sand		
Task	Time	Depth	Northing	East	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance	
ROV	08:21:00	35,90	54°90,175	14°26,381	MILS	SNIE	PEPE	Dist. 33 m	
CTDO								Dist. 6241827 m	
Haps Infauna	08:34:00	35,80	54°90,187	14°26,479	MILS	SNIE	PEPE	Dist. 36 m	
Haps Chem								Dist. 6241827 m	
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition			
Sediment type:	2	Sediment description:	Flora:	None	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)	
Clay (%)	0%	Sandy bottom and minor silt, fine sand wave ripples, few rocks	Invertebrates:	Sand: dom. by infauna activity mostly holes and tracks from polychaetes and bivalves incl. piles of lugworm (1-10 %) and Pygospio elegans tubes (3-30 %); additionally a small cluster of Mytilus spp; Rocks: dom. by hydrozoans (10-20 %), Mytilus spp. (<1 %), and barnacles (<1 %)	0 %	INF_OW1_19	5 cm top layer of fine sand, the rest is grey clay.	Light sand and grey	
Mud/silt (%)	0%				Overall coverage	Smell (Infauna)	Visible species (Infauna)		
Sand (%)	98 %		3-30 %	None	Two polychaetes and one bivalve.				
Gravel (%)	0%		Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)			
Cobbles <10 cm (%)	0%			<1 %					
Boulders >10 cm (%)	2 %		Video file id:	OWF_19			Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0,5 m above bottom)			
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity	
Clay (%)			Invertebrates:		Overall coverage	Depth	Temperature	Remarks	
Mud/silt (%)					Overall coverage	Others QA: PEPE; QA DANJ substrate type has been changed. Liv			
Sand (%)			Overall coverage						
Gravel (%)			Overall coverage						
Cobbles <10 cm (%)			Video file id:						
Boulders >10 cm (%)									

Kunde:	Energinet	Date:	2022-03-02	Area:	Baltic Sea	Planned target			
Project:	ENOE	Wind speed (m/s)	2 m/s	Station:	OWF1_20	Northing	Easting	Depth	
Vessel	Skoven	Wave height (m)	0,2	Note:	-	54°92,207	14°21,995	40 m	
ROV	Yes	Infauna	Yes	Chemistry	Yes	Expected substrate	Muddy sand		
Task	Time	Depth	Northing	East	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance	
ROV	08:58:00	39,20	54°92,190	14°22,017	MILS	SNIE	LEHE	Dist. 24 m	
CTDO								Dist. 6243128 m	
Haps Infauna	09:08:00	38,70	54°92,187	14°22,085	MILS	SNIE	LEHE	Dist. 62 m	
Haps Chem	09:16	38,70	54°92,187	14°22,085	MILS	SNIE	LEHE	Dist. 62 m	
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition			
Sediment type:	1b	Sediment description:	Sandy bottom with silt, wave ripples	Flora:	Dead eelgrass	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%			Invertebrates:	Sand: dom. by infauna activity mostly Astarte bivalves and shells (1-5 %) holes and tracks from polychaetes and bivalves incl. HUGE piles of lugworm (<1-5 %) and tubes from polychaetes and possible siphons from bivalves; additionally shrimp.	0 %	INF_OW1_20	Mud and some silt	Dark gray to dark brown
Mud/silt (%)	10 %			Fish:	Sand gobies (<1 %)	Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	90%					1-5 %	None	Astarte bivalves, some small worms	
Gravel (%)	0%					Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)
Cobbles <10 cm (%)	0%					<1 %	-	Mud and some silt	Dark gray to dark brown
Boulders >10 cm (%)	0%				Video file id:	OWF1_20	Smell (Chem): None	Visible species (Chem)	Worms
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)			
Sediment type:	1a	Sediment description:		Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)	%			Invertebrates:		%			
Mud/silt (%)	100 %			Fish:		Overall coverage	Depth	Temperature	Remarks
Sand (%)	%					1 %			
Gravel (%)	%					Overall coverage	Others	QA: PEPE; QA DANJ substrate type has been changed. Liv	
Cobbles <10 cm (%)	%					<1 %			
Boulders >10 cm (%)	%				Video file id:	OWF1_20			

Kunde:	Energinet	Date:	2022-03-02	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	1 m/s	Station:	OWF1_21	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	0,2	Note:	-	54°93,363	14°20,171	42 m
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Muddy sand	
Task	Time	Depth	Northing	East	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	09:32:00	40,60	54°93,365	14°20,180	MILS	SNIE	LEHE	Dist. 6 m
CTDO								Dist. 6244011 m
Haps Infauna	09:41:00	40,60	54°93,355	14°20,212	MILS	SNIE	LEHE	Dist. 28 m
Haps Chem								Dist. 6244011 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	1a	Sediment description:	Flora:	None	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%	Mud and silt bottom with faint wave ripples.	Invertebrates:	Sand: dom. by infauna activity mostly piles of lugworm (<1-5%) and holes and tubes from polychaetes and possible siphons from bivalves (<1-5 %); additionally some shrimp sp.	0 %	INF_OW1_21	Silty at the top, clay beneath	Dark gray-brown
Mud/silt (%)	100 %				Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	0%		<1-5 %	None	Worm and mussel			
Gravel (%)	0%		Fish:	Sand gobies (<1 %)	Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)
Cobbles <10 cm (%)	0%				<1 %			
Boulders >10 cm (%)	0%		Video file id:	OWF1_21		Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:	1a	Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)	%		Invertebrates:		%			
Mud/silt (%)	100 %				Overall coverage	Depth	Temperature	Remarks
Sand (%)	%		1 %					
Gravel (%)	%		Fish:		Overall coverage	Others	QA: PEPE; QA DANJ substrate type has been changed. Liv	
Cobbles <10 cm (%)	%			<1 %				
Boulders >10 cm (%)	%		Video file id:	OWF1_21				

Kunde:	Energinet	Date:	2022-03-02	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	4 m/s	Station:	OWF1_22	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	0,2	Note:	-	54°94,876	14°18,507	43 m
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Muddy sand	
Task	Time	Depth	Northing	East	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	09:54:00	40,70	54°94,866	14°18,494	MILS	SNIE	LEHE	Dist. 14 m
CTDO								Dist. 6245305 m
Haps Infauna	10:02:00	41,70	54°94,861	14°18,474	MILS	SNIE	LEHE	Dist. 27 m
Haps Chem								Dist. 6245305 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	1a	Sediment description:	Flora:	Dead eelgrass	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%	Muddy bottom, faint ripples	Invertebrates:	Sand: few signs/tracks from infauna activity, some piles of lugworm (<1-2%); additionally some shrimps.	0 %	INF_OW1_22	Top layer mud, beneath more sand	Brown/Gray
Mud/silt (%)	100 %				Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	0%		<1-2 %	None	None			
Gravel (%)	0%		Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)		
Cobbles <10 cm (%)	0%		<1 %					
Boulders >10 cm (%)	0%		Video file id:	OWF1_22		Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:		Overall coverage	Depth	Temperature	Remarks
Mud/silt (%)					Overall coverage			
Sand (%)			Overall coverage					
Gravel (%)			Overall coverage					
Cobbles <10 cm (%)			Video file id:			Others	QA: PEPE; QA DANJ substrate type has been changed. Liv	
Boulders >10 cm (%)								

Kunde:	Energinet	Date:	2022-03-02	Area:	Baltic Sea	Planned target				
Project:	ENOE	Wind speed (m/s)	3 m/s	Station:	OWF1_23	Northing	Easting	Depth		
Vessel	Skoven	Wave height (m)	0,2	Note:	-	54°95,115	14°15,516	45 m		
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Muddy sand			
Task	Time	Depth	Northing	East	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance		
ROV	10:16:00	42,80	54°95,097	14°15,471	MILS	SNIE	LEHE	Dist. 35 m		
CTDO								Dist. 6244996 m		
Haps Infauna	10:26:00	42,00	54°95,097	14°15,513	MILS	SNIE	LEHE	Dist. 20 m		
Haps Chem								Dist. 6244996 m		
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition				
Sediment type:	1a	Sediment description:	Flora:	None	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)		
Clay (%)	0%	Sandy mud and silt, a lot of settled sediment, almost no wave ripples.	Invertebrates:	Sand: some tracks from infauna activity incl. piles of lugworm (<1-5 %), tubes from polychaetes (<1-3 %), and some Astarte bivalves (<1-3 %); additionally some shrimps.	0 %	INF_OW1_23	Mud on top, hard clay beneath, sample contains some sand as well.	Dark brown/gray		
Mud/silt (%)	60 %				Overall coverage	Smell (Infauna)	Visible species (Infauna)			
Sand (%)	40%				<1-3 %	None	Astartidae			
Gravel (%)	0%				Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)		
Cobbles <10 cm (%)	0%		<1 %	Fish:	Sand gobies (<1 %)					
Boulders >10 cm (%)	0%		Video file id:	OWF1_23			Smell (Chem)	Visible species (Chem)		
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)				
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity		
Clay (%)			Invertebrates:							
Mud/silt (%)					Overall coverage	Depth	Temperature	Remarks		
Sand (%)										
Gravel (%)					Overall coverage	Others QA: PEPE; QA DANJ substrate type has been changed. Liv				
Cobbles <10 cm (%)										
Boulders >10 cm (%)			Video file id:							

Kunde:	Energinet	Date:	2022-03-02	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	1 m/s	Station:	OWF1_24	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	0,2	Note:	Limited visibility	54°96,908	14°21,735	43 m
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Mud and sandy mud	
Task	Time	Depth	Northing	East	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	10:49:00	41,50	54°96,925	14°21,789	MILS	SNIE	LEHE	Dist. 39 m
CTDO								Dist. 6248072 m
Haps Infauna	10:59:00	41,50	54°96,906	14°21,713	MILS	SNIE	LEHE	Dist. 14 m
Haps Chem								Dist. 6248072 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	1a	Sediment description:	Flora:	Dead eelgrass floating around	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%	Flat muddy bottom, almost no wave ripples.	Invertebrates:	Sand: dom. by infauna activity mostly holes from polychaetes or bivalves (<1-5 %) incl. piles of lugworm (<1 %)	0 %	INF_OW1_24	Mud and silty, with dark-green sand in sample	Gray and brown
Mud/silt (%)	100 %				Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	0%		<1-5 %	Strong smell of sulfur	Juvenile bivalve			
Gravel (%)	0%		Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)		
Cobbles <10 cm (%)	0%		<1 %					
Boulders >10 cm (%)	0%		Video file id:	OWF1_24		Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:		Overall coverage	Depth	Temperature	Remarks
Mud/silt (%)					Overall coverage			
Sand (%)			Overall coverage					
Gravel (%)			Overall coverage					
Cobbles <10 cm (%)			Video file id:			Others	QA: PEPE; QA DANJ substrate type has been changed. Liv	
Boulders >10 cm (%)								

Kunde:	Energinet	Date:	2022-03-02	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	2 m/s	Station:	OWF1_25	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	0,2	Note:	-	54°95,198	14°23,120	41 m
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Muddy sand	
Task	Time	Depth	Northing	East	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	12:07:00	41,70	54°95,178	14°23,133	MILS	SNIE	LEHE	Dist. 24 m
CTDO								Dist. 6246517 m
Haps Infauna	12:15:00	41,70	54°95,205	14°23,125	MILS	SNIE	LEHE	Dist. 8 m
Haps Chem								Dist. 6246517 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	1a	Sediment description:	Flora:	None	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%	Homogeneous muddy bottom with faint ripples	Invertebrates:	Sand: dom. by infauna activity mostly holes from polychaetes or mussels (<1-5 %) incl. piles of lugworm (<1-3 %) tubes possible from Pygospio elegans (2 %), and Astarte bivalves and shells (1-3 %)	0 %	INF_OW1_25	Mud, silt and a bit of sand, with a small amount of gravel	Dark gray and brown
Mud/silt (%)	100 %				Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	0%		<1-5 %	None	Astartidae			
Gravel (%)	0%		Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)		
Cobbles <10 cm (%)	0%		<1 %					
Boulders >10 cm (%)	0%		Video file id:	OWF1_25			Smell (Chem)	Visible species (Chem)
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:					
Mud/silt (%)					Overall coverage	Depth	Temperature	Remarks
Sand (%)								
Gravel (%)			Overall coverage	Others QA: PEPE; QA DANJ substrate type has been changed. Liv				
Cobbles <10 cm (%)								
Boulders >10 cm (%)			Video file id:					

Kunde:	Energinet	Date:	2022-03-02	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	2 m/s	Station:	OWF1_26	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	0,2	Note:	Four HAPS attempts to obtain proper sample	54°93,038	14°25,855	38 m
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Muddy sand	
Task	Time	Depth	Northing	East	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	12:32:00	38,80	54°93,033	14°25,864	MILS	SNIE	LEHE	Dist. 8 m
CTDO								Dist. 6244741 m
Haps Infauna	12:52:00	38,80	54°93,035	14°25,843	MILS	SNIE	LEHE	Dist. 8 m
Haps Chem								Dist. 6244741 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	2	Sediment description:	Flora:	None	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%	Silty and muddy sand bottom, fine shallow wave ripples, few rocks	Invertebrates:	Sand: a lot of invertebrate activity dom. by Astartidae bivalves (1-20 %), tubes from Pygospio elegans (1-15 %), piles of lugworms(2 %). Rock: dom. by hydrozoans (5%)	0 %	INF_OW1_26	Sandy ans silty, shells from bivalves	Gray
Mud/silt (%)	25 %		Fish:	Sand gobies (<1 %)	1-20 %	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	70%		Video file id:	OWF1_26	Overall coverage	None	Astartidae and worms	
Gravel (%)	0%				<1 %	Photo id (Chem)	Composition (Chem)	Colour (Chem)
Cobbles <10 cm (%)	0%							
Boulders >10 cm (%)	5 %					Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:					
Mud/silt (%)			Fish:		Overall coverage	Depth	Temperature	Remarks
Sand (%)			Video file id:					
Gravel (%)								
Cobbles <10 cm (%)						Others	QA: PEPE; QA DANJ substrate type has been changed. Liv	
Boulders >10 cm (%)								

Kunde:	Energinet	Date:	2022-03-02	Area:	Baltic Sea	Planned target				
Project:	ENOE	Wind speed (m/s)	2 m/s	Station:	OWF1_27	Northing	Easting	Depth		
Vessel	Skoven	Wave height (m)	0,2	Note:	Four attempts at infauna HAPS, but impossible due to rocky substrate	54°92,454	14°30,605	36 m		
ROV	Yes	Infauna	Yes	Chemistry	Yes	Expected substrate	Sand			
Task	Time	Depth	Northing	East	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance		
ROV	13:11:00	35,70	54°92,458	14°30,573	MILS	SNIE	LEHE	Dist. 21 m		
CTDO								Dist. 6245022 m		
Haps Infauna								Dist. 6245022 m		
Haps Chem	13:31	34,70	54°92,433	14°30,597	MILS	SNIE	LEHE	Dist. 24 m		
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition				
Sediment type:	2	Sediment description:	Sandy bottom, sharp wave ripples, few rocks	Flora:	Hildenbrandia (<1-2 %), brown crust (<1-1 %). Substrate specific coverage: 4 %	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)	
Clay (%)	0%					<1-2 %	-			
Mud/silt (%)	0%				Invertebrates:	Sand: dom. by infauna activity mostly polychaetes incl. piles of lugworm (<1-5 %) and Pygospio elegans tubes (5-20 %); Rocks: dom. by hydrozoans sp. (20 %), Mytilus spp. (5-20 %), calcareous tubes on mussels and rocks (Serpulidae) (1 %), and barnacles (1 %); additionally a bigger tubebuilding polychaete on rock	Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	88 %					3-20 %				
Gravel (%)	0%				Fish:	Sand gobies (<1 %)	Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)
Cobbles <10 cm (%)	5 %					<1 %		-	Sandy	Sand colored
Boulders >10 cm (%)	7 %				Video file id:	OWF1_27		Smell (Chem): None	Visible species (Chem)	No species
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)				
Sediment type:		Sediment description:		Flora:	Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity		
Clay (%)										
Mud/silt (%)					Invertebrates:	Overall coverage	Depth	Temperature	Remarks	
Sand (%)										
Gravel (%)					Fish:	Overall coverage	Others	QA: PEPE; QA DANJ substrate type has been changed. Liv		
Cobbles <10 cm (%)										
Boulders >10 cm (%)					Video file id:					

Kunde:	Energinet	Date:	2022-03-02	Area:	Baltic Sea	Planned target			
Project:	ENOE	Wind speed (m/s)	3 m/s	Station:	OWF1_28	Northing	Easting	Depth	
Vessel	Skoven	Wave height (m)	0,2	Note:	3 attempts with "Haps" to get proper sample	54°94,001	14°32,933	36 m	
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Gravel and coarse sand		
Task	Time	Depth	Northing	East	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance	
ROV	13:48:00	36,80	54°94,011	14°32,929	MILS	SNIE	LEHE	Dist. 11 m	
CTDO								Dist. 6247108 m	
Haps Infauna	14:00:00	36,80	54°94,003	14°32,940	MILS	SNIE	LEHE	Dist. 5 m	
Haps Chem								Dist. 6247108 m	
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition			
Sediment type:	1b	Sediment description:	Sandy bottom with medium to small rocks. Distinct broad wave ripples on bottom, fine grained sand between ripples. Area also contains a more homogenous sand bottom without rocks	Flora:	None	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%			Invertebrates:	Sand: dom. by infauna activity mostly polychaetes incl. piles of lugworm (<1-2 %) and Pygospio elegans tubes (1-5 %); Rocks: dom. by hydrozoans sp. (10 %), Mytilus spp. (1-10 %), calcareous tubes on mussels and rocks (Serpulidae) (1 %), and barnacles (1 %); Additionally a jellyfish (possibly Cyanea capillata)	0 %	INF_OW1_28	Sand	Sandy gray
Mud/silt (%)	0%			Fish:	Sand gobies (<1 %)	Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	98 %			Video file id:	OWF1_28	1-10 %	None	Many worms, M. edulis	
Gravel (%)	0%					Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)
Cobbles <10 cm (%)	2 %					<1 %	-		
Boulders >10 cm (%)	0%								
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)			
Sediment type:		Sediment description:		Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)				Invertebrates:					
Mud/silt (%)				Fish:		Overall coverage	Depth	Temperature	Remarks
Sand (%)				Video file id:					
Gravel (%)									
Cobbles <10 cm (%)									
Boulders >10 cm (%)									
						Others	QA: PEPE; QA DANJ substrate type has been changed. Liv		

Kunde:	Energinet	Date:	2022-03-02	Area:	Baltic Sea	Planned target				
Project:	ENOE	Wind speed (m/s)	2 m/s	Station:	OWF1_29	Northing	Easting	Depth		
Vessel	Skoven	Wave height (m)	0,2	Note:	-	54°94,622	14°29,949	36 m		
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Muddy sand			
Task	Time	Depth	Northing	East	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance		
ROV	14:16:00	39,00	54°94,613	14°29,937	MILS	SNIE	LEHE	Dist. 13 m		
CTDO								Dist. 6247200 m		
Haps Infauna	14:25:00	39,00	54°94,614	14°29,945	MILS	SNIE	LEHE	Dist. 10 m		
Haps Chem								Dist. 6247200 m		
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition				
Sediment type:	1b	Sediment description:	Sandy bottom, a little silt and mud. Ripples flattened and had more muddy in areas. Very few rocks.	Flora:	Dead eelgrass.	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)	
Clay (%)	0%					0 %	INF_OW1_29	Sand, small rocks	Sandy	
Mud/silt (%)	30 %				Invertebrates:	Sand: dom. by infauna activity mostly polychaetes incl. piles of lugworm (1-15 %) and Pygospio elegans tubes (3 %), holes from polychaetes or bivalves; additionally few Astarte bivalves. Rocks: dom. by hydrozoans (10 %), Mytilus spp (5 %), barnacles on mussels and rocks (1 %), and calcareous tubes on mussels (Serpulidae)	Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	70 %						1-15 %	None	Many worms, shells from mussels, as well as live mussels	
Gravel (%)	0%				Fish:	Sand gobies (<1 %)	Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)
Cobbles <10 cm (%)	0%						<1 %			
Boulders >10 cm (%)	<1%				Video file id:	OWF1_29		Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)				
Sediment type:		Sediment description:		Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity	
Clay (%)										
Mud/silt (%)					Invertebrates:		Overall coverage	Depth	Temperature	Remarks
Sand (%)										
Gravel (%)					Fish:		Overall coverage			
Cobbles <10 cm (%)								Others	QA: PEPE; QA DANJ substrate type has been changed. Liv	
Boulders >10 cm (%)					Video file id:					

Kunde:	Energinet	Date:	2022-03-02	Area:	Baltic Sea	Planned target			
Project:	ENOE	Wind speed (m/s)	2 m/s	Station:	OWF1_30	Northing	Easting	Depth	
Vessel	Skoven	Wave height (m)	0,2	Note:	-	54°95,414	14°26,553	39 m	
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Muddy sand		
Task	Time	Depth	Northing	East	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance	
ROV	14:50:00	40,10	54°95,418	14°26,573	MILS	SNIE	LEHE	Dist. 13 m	
CTDO								Dist. 6247396 m	
Haps Infauna	15:59:00	40,10	54°95,407	14°26,565	MILS	SNIE	LEHE	Dist. 11 m	
Haps Chem								Dist. 6247396 m	
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition			
Sediment type:	1b	Sediment description:	Flora:	None	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)	
Clay (%)	0%	Muddy sand bottom. Faint ripples in otherwise homogenous bottom. Thin layer of silt above sand.	Invertebrates:	Sand: a lot of invertebrate activity dom. by Astartidae bivalves and shells (5-30 %), tubes from Pygospio elegans (3-20 %), piles of lugworm (2%)	0 %	INF_OW1_30	Mud, sand, gravel and clay	Darkgrey, grey and brown	
Mud/silt (%)	30 %				Overall coverage	Smell (Infauna)	Visible species (Infauna)		
Sand (%)	70%		Fish:	Sand gobies (<1 %)	5-30 %	None	Astarte bivalves, several polychaetes.		
Gravel (%)	0%				Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)	
Cobbles <10 cm (%)	0%				<1 %				
Boulders >10 cm (%)	0%		Video file id:	OWF1_30			Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)			
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity	
Clay (%)			Invertebrates:		Overall coverage	Depth	Temperature	Remarks	
Mud/silt (%)						Fish:		Overall coverage	Others QA: PEPE; QA DANJ substrate type has been changed. Liv
Sand (%)									
Gravel (%)			Video file id:						
Cobbles <10 cm (%)									
Boulders >10 cm (%)									

Kunde:	Energinet	Date:	2022-03-02	Area:	Baltic Sea	Planned target			
Project:	ENOE	Wind speed (m/s)	2 m/s	Station:	OWF1_31	Northing	Easting	Depth	
Vessel	Skoven	Wave height (m)	0,2	Note:	-	54°98,548	14°24,805	44 m	
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Muddy sand		
Task	Time	Depth	Northing	East	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance	
ROV	15:22:00	44,50	54°98,553	14°24,820	MILS	SNIE	LEHE	Dist. 11 m	
CTDO								Dist. 6250394 m	
Haps Infauna	15:31:00	44,50	54°98,550	14°24,815	MILS	SNIE	LEHE	Dist. 7 m	
Haps Chem								Dist. 6250394 m	
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition			
Sediment type:	1a	Sediment description:	Flora:	None	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)	
Clay (%)	2 %	Muddy bottom, with almost no wave ripples.	Invertebrates:	Sand: dom. by infauna activity mostly holes and tubes from polychaetes (1-5%), piles of lugworm (1%); additionally some shrimps.	0 %	INF_OW1_31	Thick mud at the top (blubber), silt and sand further down	Brown and dark gray	
Mud/silt (%)	98 %				Overall coverage	Smell (Infauna)	Visible species (Infauna)		
Sand (%)	0%		1-5 %	None	None				
Gravel (%)	0%		Fish:	Sand gobies (<1 %)	Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)	
Cobbles <10 cm (%)	0%				<1 %				
Boulders >10 cm (%)	0%		Video file id:	OWF1_31			Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)			
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity	
Clay (%)			Invertebrates:		Overall coverage	Depth	Temperature	Remarks	
Mud/silt (%)									Out of function
Sand (%)			Fish:		Overall coverage	Others	QA: PEPE; QA DANJ substrate type has been changed. Liv		
Gravel (%)									
Cobbles <10 cm (%)			Video file id:						
Boulders >10 cm (%)									

Kunde:	Energinet	Date:	2022-03-02	Area:	Baltic Sea	Planned target			
Project:	ENOE	Wind speed (m/s)	4 m/s	Station:	OWF1_32	Northing	Easting	Depth	
Vessel	Skoven	Wave height (m)	0,2	Note:	-	54°96,881	14°27,879	41 m	
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Muddy sand		
Task	Time	Depth	Northing	East	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance	
ROV	15:50:00	41,70	54°96,880	14°27,894	MILS	SNIE	LEHE	Dist. 9 m	
CTDO								Dist. 6249205 m	
Haps Infauna	16:00:00	41,70	54°96,878	14°27,897	MILS	SNIE	LEHE	Dist. 12 m	
Haps Chem								Dist. 6249205 m	
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition			
Sediment type:	1a -1b	Sediment description:	Flora:	Dead eelgrass	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)	
Clay (%)	0%	Sandy/muddy bottom. Fine ripples. A bit of gravel. Few rocks. Transition zone between substrate type 1a and 1b.	Invertebrates:	Sand: dom. by infauna activity mostly polychaetes incl. Pygospio elegans tubes (5 %), piles oflugworm (1-2 %) holes from other polychaetes or bivalves (3 %), and Astarte bivalves (1-5%). Rocks: dom. by hydrozoans (5-75 %), Mytilus spp. (10 %), barnacles on mussels and rocks (2 %) tunicates on some big rocks (25 %)	0 %	INF_OW1_32	Mud and clay	Brown/gray	
Mud/silt (%)	49 %				Overall coverage	Smell (Infauna)	Visible species (Infauna)		
Sand (%)	49%		Overall coverage	1-10 %	None	A. islandica, worms			
Gravel (%)	0%		Fish:	Sand gobies (<1 %)	Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)	
Cobbles <10 cm (%)	0%				<1 %				
Boulders >10 cm (%)	2 %		Video file id:	OWF1_32			Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)			
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity	
Clay (%)			Invertebrates:						
Mud/silt (%)					Overall coverage		Depth	Temperature	Remarks
Sand (%)			Fish:		Overall coverage				
Gravel (%)							Others	QA: PEPE; QA DANJ substrate type has been changed. Liv	
Cobbles <10 cm (%)			Video file id:						
Boulders >10 cm (%)									

Kunde:	Energinet	Date:	2022-03-02	Area:	Baltic Sea	Planned target			
Project:	ENOE	Wind speed (m/s)	3 m/s	Station:	OWF1_33	Northing	Easting	Depth	
Vessel	Skoven	Wave height (m)	0,2	Note:	Good visibility	54°96,545	14°31,549	40 m	
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Sand		
Task	Time	Depth	Northing	East	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance	
ROV	16:17:00	39,00	54°96,545	14°31,538	MILS	SNIE	LEHE	Dist. 7 m	
CTDO								Dist. 6249545 m	
Haps Infauna	16:26:00	39,00	54°96,532	14°31,561	MILS	SNIE	LEHE	Dist. 17 m	
Haps Chem								Dist. 6249545 m	
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition			
Sediment type:	1b	Sediment description:	Flora:	None	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)	
Clay (%)	0%	Sandy bottom with a bit of silt, shallow ripples in bottom. Gray areas with clay.	Invertebrates:	Sand: dom. by Pygospio elegans tubes (10-25 %), Astartidae bivalves (5%), piles of lugworm (1 %); additionally few Mytilus spp. with hydrozoans attached.	0 %	INF_OW1_33	Primarily sand, with some silt	Light gray	
Mud/silt (%)	20 %			Overall coverage	Smell (Infauna)	Visible species (Infauna)			
Sand (%)	80 %		10-25 %	None	Mussels and worms				
Gravel (%)	0%		Fish:	Sand gobies (<1 %)	Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)	
Cobbles <10 cm (%)	0%				<1 %				
Boulders >10 cm (%)	0%		Video file id:	OWF1_33			Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)			
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity	
Clay (%)			Invertebrates:						
Mud/silt (%)				Overall coverage	Depth	Temperature	Remarks		
Sand (%)									
Gravel (%)			Fish:		Overall coverage	Others	QA: PEPE; QA DANJ substrate type has been changed. Liv		
Cobbles <10 cm (%)									
Boulders >10 cm (%)			Video file id:						

Kunde:	Energinet	Date:	2022-03-02	Area:	Baltic Sea	Planned target			
Project:	ENOE	Wind speed (m/s)	3 m/s	Station:	OWF1_34	Northing	Easting	Depth	
Vessel	Skoven	Wave height (m)	0,3	Note:	No photo was taken of infauna-sample	54°95,819	14°35,168	35 m	
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Sand		
Task	Time	Depth	Northing	East	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance	
ROV	16:40:00	36,90	54°95,811	14°35,168	MILS	PEPE	LEHE	Dist. 9 m	
CTDO								Dist. 6249463 m	
Haps Infauna	16:52:00	36,90	54°95,837	14°35,190	MILS	PEPE	LEHE	Dist. 24 m	
Haps Chem								Dist. 6249463 m	
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition			
Sediment type:	1b	Sediment description:	Sandy bottom with sand ripples. Piles from sand worms. Good visibility. Few large rocks.	Flora:	None	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%			Invertebrates:	Sand: dom. by Pygospio elegans tubes (10-50 %), piles of lugworms (1-5 %); Rocks: dom. by. Mytilus spp (25-50 %) and hydrozoans (10-15 %), barnacles (2 %), calcareous tubes on rocks and mussels (Serpulidae) (1 %)	0 %	INF_OW1_34	Sandy	Sand-coloured
Mud/silt (%)	20 %			Fish:	Sand gobies (<1 %)	10-50 %	None	Visible species (Infauna)	
Sand (%)	80 %			Video file id:	OWF1_34	<1 %		Many worms, and some bivalves	
Gravel (%)	0%						Photo id (Chem)	Composition (Chem)	Colour (Chem)
Cobbles <10 cm (%)	0%								
Boulders >10 cm (%)	<1 %						Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)			
Sediment type:		Sediment description:		Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)				Invertebrates:					
Mud/silt (%)				Fish:			Depth	Temperature	Remarks
Sand (%)				Video file id:					
Gravel (%)									
Cobbles <10 cm (%)									
Boulders >10 cm (%)							Others	QA: PEPE; QA DANJ substrate type has been changed. Liv	

Kunde:	Energinet	Date:	2022-03-02	Area:	Baltic Sea	Planned target			
Project:	ENOE	Wind speed (m/s)	4 m/s	Station:	OWF1_35	Northing	Easting	Depth	
Vessel	Skoven	Wave height (m)	0,3	Note:	-	54°97,439	14°34,916	37 m	
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Sand		
Task	Time	Depth	Northing	East	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance	
ROV	17:11:00	39,50	54°97,460	14°34,934	MILS	PEPE	LEHE	Dist. 26 m	
CTDO								Dist. 6251134 m	
Haps Infauna	17:19:00	39,50	54°97,443	14°34,949	MILS	PEPE	LEHE	Dist. 21 m	
Haps Chem								Dist. 6251134 m	
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition			
Sediment type:	1b	Sediment description:	Flora:	Dead eelgrass floating.	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)	
Clay (%)	0%	Silty sand bottom, Ripples of sand with silt inbetween.	Invertebrates:	Sand: mosly dom. by piles and holes of lugworm (2-10 %) or maybe bivalves, and Pygospio elegans tubes (<1-5 %)	0 %	INF_OW1_35	Sand, silt and mud	Brown/ gray, mostly brown	
Mud/silt (%)	25 %				Overall coverage	Smell (Infauna)	Visible species (Infauna)		
Sand (%)	75 %		2-10 %	None	Many worms and bivalves.				
Gravel (%)	0%		Fish:	Sand gobies (<1 %)	Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)	
Cobbles <10 cm (%)	0%				<1 %				
Boulders >10 cm (%)	0%		Video file id:	OWF1_35			Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)			
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity	
Clay (%)			Invertebrates:		Overall coverage	Depth	Temperature	Remarks	
Mud/silt (%)					Overall coverage				
Sand (%)			Fish:		Overall coverage	Others	QA: PEPE; QA DANJ substrate type has been changed. Liv		
Gravel (%)									
Cobbles <10 cm (%)			Video file id:						
Boulders >10 cm (%)									

Kunde:	Energinet	Date:	2022-03-02	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	4 m/s	Station:	OWF1_36	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	0,4	Note:	-	54°98,619	14°31,232	44 m
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Muddy sand	
Task	Time	Depth	Northing	East	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	17:49:00	41,60	54°98,624	14°31,252	MILS	PEPE	LEHE	Dist. 14 m
CTDO								Dist. 6251686 m
Haps Infauna	17:58:00	41,60	54°98,623	14°31,266	MILS	PEPE	LEHE	Dist. 22 m
Haps Chem								Dist. 6251686 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	1b	Sediment description:	Flora:	None	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%	Sandy/silty bottom. Moderate wave ripples. Close to transition zone between substrate type 1a and 1b.	Invertebrates:	Sand: mostly dom. by Astartidae bivalves (5-25 %), Pygospio elegans tubes (1-20 %), and piles of lugworms (1 %); additionally a small cluster of Mytilus spp.	0 %	INF_OW1_36	Clay, sand and mud	Dark gray
Mud/silt (%)	30 %		Fish:	Sand gobies (<1 %)	Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	70 %				5-25 %	None	Astartidae, Tube-worms	
Gravel (%)	0%		Video file id:	OWF1_36	Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)
Cobbles <10 cm (%)	0%				<1 %			
Boulders >10 cm (%)	0%					Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:					
Mud/silt (%)			Overall coverage			Depth	Temperature	Remarks
Sand (%)								
Gravel (%)			Overall coverage			Others	QA: PEPE; QA DANJ substrate type has been changed. Liv	
Cobbles <10 cm (%)								
Boulders >10 cm (%)			Video file id:					

Kunde:	Energinet	Date:	2022-03-02	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	3 m/s	Station:	OWF1_37	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	0,3	Note:	-	54°98,631	14°27,735	44 m
ROV	Yes	Infauna	Yes	Chemistry	Yes	Expected substrate	Muddy sand	
Task	Time	Depth	Northing	East	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	18:15:00	43,30	54°98,657	14°27,717	MILS	PEPE	LEHE	Dist. 31 m
CTDO								Dist. 6251036 m
Haps Infauna	18:22:00	43,30	54°98,624	14°27,775	MILS	PEPE	LEHE	Dist. 27 m
Haps Chem	18:25	43,30	54°98,625	14°27,787	MILS	PEPE	LEHE	Dist. 34 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	1a-1b	Sediment description:	Flora:	None	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%	Silty and sandy bottom, soft and almost flat. Transition zone between substrate type 1a and 1b.	Invertebrates:	Sand: dom. by infauna activity mostly polychaetes incl. piles of lugworm (1-5 %), Pygospio elegans tubes (1-2 %), and Astartidae bivalves (1-2 %); additionally a shrimp sp.	0 %	INF_OW1_37	Muddy and sandy (fine sand). A little gravel and small rocks	Brown
Mud/silt (%)	60 %				Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	40 %		1-5 %	None	Worms and bivalves			
Gravel (%)	0%		Overall coverage	Fish:	Sand gobies (<1 %)	Photo id (Chem)	Composition (Chem)	Colour (Chem)
Cobbles <10 cm (%)	0%			<1 %	-	Muddy and sandy (fine sand), bit of gravel and small stones. A thick layer of clay at bottom.	Brown	
Boulders >10 cm (%)	0%		Video file id:	OWF1_37			Smell (Chem): None	Visible species (Chem)
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:		Overall coverage	Depth	Temperature	Remarks
Mud/silt (%)						Overall coverage	Fish:	
Sand (%)			Video file id:					
Gravel (%)								
Cobbles <10 cm (%)								
Boulders >10 cm (%)								

Kunde:	Energinet	Date:	2022-03-02	Area:	Baltic Sea	Planned target			
Project:	ENOE	Wind speed (m/s)	3 m/s	Station:	OWF1_38	Northing	Easting	Depth	
Vessel	Skoven	Wave height (m)	0,3	Note:	ROV-visibility bad due to sediment cloud from the rover itself.	55°00,484	14°28,548	46 m	
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Muddy sand		
Task	Time	Depth	Northing	East	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance	
ROV	18:44:00	44,60	55°00,498	14°28,560	SNIE	PEPE	LEHE	Dist. 17 m	
CTDO								Dist. 6253158 m	
Haps Infauna	18:54:00	44,60	55°00,470	14°28,548	SNIE	PEPE	LEHE	Dist. 16 m	
Haps Chem								Dist. 6253158 m	
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition			
Sediment type:	1a	Sediment description:	Flora:	Some dead eelgrass	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)	
Clay (%)	0%	Silty bottom with small ripples. One big rock.	Invertebrates:	Dom. by infauna activity mostly polychaetes (<1 %) incl. piles of lugworm (<1-1 %); additionally a shrimp sp. and scattered white bivalve shells (<1 %)	0 %	INF_OW1_38	Top layer is mud, rest is silt	Gray	
Mud/silt (%)	100 %				Overall coverage	Smell (Infauna)	Visible species (Infauna)		
Sand (%)	0%				<1-1 %	None	A worm and empty shells		
Gravel (%)	0%		Fish:	Sand gobies (<1 %)	Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)	
Cobbles <10 cm (%)	0%				<1 %				
Boulders >10 cm (%)	<1 %		Video file id:	OWF1_38			Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)			
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity	
Clay (%)			Invertebrates:		Overall coverage	Depth	Temperature	Remarks	
Mud/silt (%)					Overall coverage				
Sand (%)					Overall coverage				
Gravel (%)			Fish:		Overall coverage	Others	QA: PEPE; QA DANJ substrate type has been changed. Liv		
Cobbles <10 cm (%)									
Boulders >10 cm (%)			Video file id:						

Kunde:	Energinet	Date:	2022-03-02	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	4 m/s	Station:	OWF1_39	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	0,25	Note:	-	55°02,592	14°28,567	47 m
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Muddy sand	
Task	Time	Depth	Northing	East	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	19:10:00	44,00	55°02,603	14°28,528	SNIE	PEPE	LEHE	Dist. 28 m
CTDO								Dist. 6255400 m
Haps Infauna	19:21:00	44,00	55°02,592	14°28,570	SNIE	PEPE	LEHE	Dist. 2 m
Haps Chem								Dist. 6255400 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	1a	Sediment description:	Flora:	None	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%	Muddy bottom, several caves from fourbeard rockling	Invertebrates:	Dom. by infauna activity mostly polychaetes (<1-3 %) and holes possibly from bivalves (<1 %) (incl. Astarte spp., Mytilus spp. and white mussels); additionally common starfish and shrimps	0 %	INF_OW1_39	Mud on top and silt underneath	Brown and dark gray
Mud/silt (%)	100 %				Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	0%		<1-3 %	Strong sulphur smell	Shells from bivalves, perhaps one live specimen			
Gravel (%)	0%		Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)		
Cobbles <10 cm (%)	0%						<1 %	
Boulders >10 cm (%)	0%		Video file id:	OWF1_39		Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:		Overall coverage	Depth	Temperature	Remarks
Mud/silt (%)								
Sand (%)			Overall coverage	Others	QA: PEPE; QA DANJ substrate type has been changed. Liv			
Gravel (%)								
Cobbles <10 cm (%)			Video file id:					
Boulders >10 cm (%)								

Kunde:	Energinet	Date:	2022-03-02	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	3 m/s	Station:	OWF1_40	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	0,3	Note:	Slight drifting with the ship. ROV influenced by sediment clouds	55°02,254	14°31,790	46 m
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Muddy sand	
Task	Time	Depth	Northing	East	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	19:36:00	45,00	55°02,245	14°31,770	SNIE	PEPE	LEHE	Dist. 16 m
CTDO								Dist. 6255651 m
Haps Infauna	19:49:00	45,00	55°02,255	14°31,764	SNIE	PEPE	LEHE	Dist. 17 m
Haps Chem								Dist. 6255651 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	1a	Sediment description:	Flora:	None	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%	Muddy bottom.	Invertebrates:	Very little sign of faunal activity. Additionally a shrimp, few lugworm, and one red polychaete; overall invertebrate coverage is <1 %	0 %	INF_OW1_40	Mud at the top, lay in bottom	Brown at the top, gray further down
Mud/silt (%)	100 %		Fish:	Sand gobies (<1 %)	Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	0%				<1 %	None	Worm and bivalve	
Gravel (%)	0%		Video file id:	OWF1_40	Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)
Cobbles <10 cm (%)	0%				<1 %			
Boulders >10 cm (%)	0%					Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:					
Mud/silt (%)			Fish:		Overall coverage	Depth	Temperature	Remarks
Sand (%)								
Gravel (%)			Video file id:			Others	QA: PEPE; QA DANJ substrate type has been changed. Liv	
Cobbles <10 cm (%)								
Boulders >10 cm (%)								

Kunde:	Energinet	Date:	2022-03-02	Area:	Baltic Sea	Planned target			
Project:	ENOE	Wind speed (m/s)	5 m/s	Station:	OWF1_41	Northing	Easting	Depth	
Vessel	Skoven	Wave height (m)	0,3	Note:	-	55°00,517	14°34,302	42 m	
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Quaternary clay and silt		
Task	Time	Depth	Northing	East	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance	
ROV	20:05:00	40,70	55°00,492	14°34,302	SNIE	PEPE	LEHE	Dist. 27 m	
CTDO								Dist. 6254283 m	
Haps Infauna	20:15:00	40,00	55°00,537	14°34,273	SNIE	PEPE	LEHE	Dist. 29 m	
Haps Chem								Dist. 6254283 m	
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition			
Sediment type:	1b	Sediment description:	Flora:	None	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)	
Clay (%)	0%	Muddy and silty sand bottom with ripples.	Invertebrates:	Dom. by infauna activity mostly polychaete tubes and piles (2-8 %) and bivalves (<1-2 %) (mostly Astarte spp. but also white mussels)	0 %	INF_OW1_41	Sand on the top, clay at bottom. Small rocks and tubes from worms.	Brown	
Mud/silt (%)	30 %				Overall coverage	Smell (Infauna)	Visible species (Infauna)		
Sand (%)	70 %				1-8 %	None	Worms and and tubes from worms.		
Gravel (%)	0%		Fish:	Sand gobies (<1 %)	Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)	
Cobbles <10 cm (%)	0%				<1 %				
Boulders >10 cm (%)	0%		Video file id:	OWF1_41			Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)			
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity	
Clay (%)			Invertebrates:						
Mud/silt (%)					Overall coverage	Depth	Temperature	Remarks	
Sand (%)									
Gravel (%)			Fish:		Overall coverage	Others	QA: PEPE; QA DANJ substrate type has been changed. Liv		
Cobbles <10 cm (%)									
Boulders >10 cm (%)			Video file id:						

Kunde:	Energinet	Date:	2022-03-03	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	7 m/s	Station:	OWF1_42	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	0,5	Note:	Navigation complicated due to drift of the ship. Sediment in the water column.	54°99,101	14°36,468	39 m
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Sand	
Task	Time	Depth	Northing	East	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	06:11:00	38,60	54°99,086	14°36,455	MILS	PEPE	LEHE	Dist. 19 m
CTDO								Dist. 6253193 m
Haps Infauna	06:25:00	38,00	54°99,095	14°36,507	MILS	PEPE	LEHE	Dist. 26 m
Haps Chem								Dist. 6253193 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	1b	Sediment description:	Flora:	Dead eelgrass	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%	Muddy and silt sand bottom with small ripples, and a few rocks.	Invertebrates:	Sand: dom. by Astarte bivalves (2-10 %), hydrozoans <1 %,and sea anemones attached to a rock <1 %	0	INF_OW1_42	Mud on top, silt underneath	Brown-ish
Mud/silt (%)	40 %				Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	60%		2-10 %	None	Some worms, and a Astartidae			
Gravel (%)	0%		Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)		
Cobbles <10 cm (%)	<1%		<1 %					
Boulders >10 cm (%)	<1%		Video file id:	OWF1_42		Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:		Overall coverage	Depth	Temperature	Remarks
Mud/silt (%)					Overall coverage			
Sand (%)			Overall coverage					
Gravel (%)			Overall coverage					
Cobbles <10 cm (%)			Video file id:			Others	QA: PEPE; QA DANJ substrate type has been changed. Liv	
Boulders >10 cm (%)								

Kunde:	Energinet	Date:	2022-03-03	Area:	Baltic Sea	Planned target			
Project:	ENOE	Wind speed (m/s)	7 m/s	Station:	OWF1_43	Northing	Easting	Depth	
Vessel	Skoven	Wave height (m)	0,7	Note:	Good visibility	55°00,732	14°38,191	39 m	
ROV	Yes	Infauna	Yes	Chemistry	Yes	Expected substrate	Quaternary clay and silt		
Task	Time	Depth	Northing	East	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance	
ROV	06:42:00	41,40	55°00,727	14°38,205	MILS	PEPE	LEHE	Dist. 10 m	
CTDO								Dist. 6255251 m	
Haps Infauna	06:51:00	41,40	55°00,748	14°38,203	MILS	PEPE	LEHE	Dist. 20 m	
Haps Chem	06:57	41,40	55°00,746	14°38,231	MILS	PEPE	LEHE	Dist. 30 m	
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition			
Sediment type:	1a-1b	Sediment description:	Flora:	Dead eelgrass.	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)	
Clay (%)	0%	Muddy and silty sand bottom, with very fine grained sand. Weak wave ripples on the bottom. Transition zone between substrate type 1a and 1b.	Invertebrates:	Dom. by infauna activity mostly polychaete tubes (<1-2 %) and lugworm piles (<1-1 %); additionally common starfish, Astarte bivalve and shrimp	0 %	INF_OW1_43	Mud on top, then sand, then gravel, and a thick layer of clay at the bottom.	Brown gray and light gray	
Mud/silt (%)	40 %				Overall coverage	Smell (Infauna)	Visible species (Infauna)		
Sand (%)	60 %		1-2 %	None	Many shells and bivalves				
Gravel (%)	0%		Fish:	Sand gobies (<1 %)	Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)	
Cobbles <10 cm (%)	0%				<1 %	-	Mud on top, then sand, then gravel, and a thick layer of clay at the bottom.	Brown gray and light gray	
Boulders >10 cm (%)	0%		Video file id:	OWF1_43		Smell (Chem)	Visible species (Chem)		
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)			
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity	
Clay (%)			Invertebrates:						
Mud/silt (%)					Overall coverage	Depth	Temperature	Remarks	
Sand (%)			Fish:		Overall coverage	Others	QA: PEPE; QA DANJ substrate type has been changed. Liv		
Gravel (%)									
Cobbles <10 cm (%)			Video file id:						
Boulders >10 cm (%)									

Kunde:	Energinet	Date:	2022-03-03	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	7 m/s	Station:	OWF1_44	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	0,7	Note:	Heavy pulling by ship	55°02,536	14°35,906	41 m
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Sand	
Task	Time	Depth	Northing	East	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	07:18:00	43,50	55°02,526	14°35,902	MILS	PEPE	LEHE	Dist. 11 m
CTDO								Dist. 6256731 m
Haps Infauna	07:27:00	43,50	55°02,573	14°35,948	MILS	PEPE	LEHE	Dist. 50 m
Haps Chem								Dist. 6256731 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	1b	Sediment description:	Flora:	None	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%	Silty sand bottom, with ripples. Some rocks, some very large.	Invertebrates:	Sand: dom. by bivalves - mainly Astarte bivalves (1-10 %), some piles of lugworm (<1 %); additionally a shrimp, some rocks covered with tunicates (95 % coverage), few hydrozoans (<1 %)	0 %	INF_OW1_44	Mud and clay	Brown
Mud/silt (%)	30 %		Fish:	Sand gobies (<1 %)	Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	70 %				1-10 %	None	One worm and a Astartidae	
Gravel (%)	0%		Video file id:	OWF1_44	Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)
Cobbles <10 cm (%)	0%				<1 %			
Boulders >10 cm (%)	<1 %					Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:					
Mud/silt (%)			Fish:		Overall coverage	Depth	Temperature	Remarks
Sand (%)								
Gravel (%)			Video file id:					
Cobbles <10 cm (%)								
Boulders >10 cm (%)								
							Others	QA: PEPE; QA DANJ substrate type has been changed. Liv

Kunde:	Energinet	Date:	2022-03-03	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	7 m/s	Station:	OWF1_45	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	0,7	Note:	-	55°04,822	14°32,876	46 m
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Muddy sand	
Task	Time	Depth	Northing	East	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	08:14:00	44,90	55°04,817	14°32,877	MILS	SNIE	LEHE	Dist. 5 m
CTDO								Dist. 6258583 m
Haps Infauna	08:30:00	44,90	55°04,830	14°32,886	MILS	SNIE	LEHE	Dist. 11 m
Haps Chem								Dist. 6258583 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	1a	Sediment description:	Flora:	None	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%	Muddy homogenous bottom with shallow ripples, but few signs of faunal activity.	Invertebrates:	Dom. by polychaete tubes (<1-1 %); additionally bivalves (<1 %) and shrimp	0%	INF_OW1_45	Mud on top, clay at bottom	Gray
Mud/silt (%)	100 %		Fish:	Sand gobies (<1 %)	Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	0%				<1-1 %	None	Small worms, nereidae sp, juvenile m.edulis, Astartidae	
Gravel (%)	0%		Video file id:	OWF1_45	Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)
Cobbles <10 cm (%)	0%				<1 %			
Boulders >10 cm (%)	0%					Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:					
Mud/silt (%)			Fish:		Overall coverage	Depth	Temperature	Remarks
Sand (%)								
Gravel (%)			Video file id:			Others	QA: PEPE; QA DANJ substrate type has been changed. Liv	
Cobbles <10 cm (%)								
Boulders >10 cm (%)								

Kunde:	Energinet	Date:	2022-03-03	Area:	Baltic Sea	Planned target			
Project:	ENOE	Wind speed (m/s)	8 m/s	Station:	OWF1_46	Northing	Easting	Depth	
Vessel	Skoven	Wave height (m)	1,0 m	Note:	-	55°05,845	14°36,305	42 m	
ROV	Yes	Infauna	Yes	Chemistry	Yes	Expected substrate	Muddy sand		
Task	Time	Depth	Northing	East	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance	
ROV	08:51:00	44,70	55°05,865	14°36,309	MILS	SNIE	LEHE	Dist. 22 m	
CTDO								Dist. 6260320 m	
Haps Infauna	09:00:00	44,70	55°05,848	14°36,335	MILS	SNIE	LEHE	Dist. 19 m	
Haps Chem	09:06	44,70	55°05,812	14°36,284	MILS	SNIE	LEHE	Dist. 39 m	
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition			
Sediment type:	1a	Sediment description:	Flora:	None	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)	
Clay (%)	0%	Muddy bottom, almost no ripples.	Invertebrates:	Sand: dom. by tracks from faunal activity - mostly holes from bivalves/worms (1-3%), some piles of lugworms (<1%), some polychaete tubes (<1%). Additionally a shrimp.	0 %	INF_OW1_46	Mud in the top, midlayer of sand, and clay at the bottom	Dark brown/gray	
Mud/silt (%)	100 %				Overall coverage	Smell (Infauna)	Visible species (Infauna)		
Sand (%)	0%		1-3 %	None	Worms, and shells from bivalves				
Gravel (%)	0%		Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)			
Cobbles <10 cm (%)	0%						<1 %	-	Mud in the top, then sand, and clay at the bottom
Boulders >10 cm (%)	0%		Video file id:	OWF1_46		Smell (Chem): None	Visible species (Chem)	No visible species	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)			
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity	
Clay (%)			Invertebrates:						
Mud/silt (%)					Overall coverage	Depth	Temperature	Remarks	
Sand (%)						Out of function			
Gravel (%)			Overall coverage	Video file id:		Others	QA: PEPE; QA DANJ substrate type has been changed. Liv		
Cobbles <10 cm (%)									
Boulders >10 cm (%)									

Kunde:	Energinet	Date:	2022-03-03	Area:	Baltic Sea	Planned target			
Project:	ENOE	Wind speed (m/s)	7 m/s	Station:	OWF1_47	Northing	Easting	Depth	
Vessel	Skoven	Wave height (m)	1,0 m	Note:	-	55°04,555	14°37,676	40 m	
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Muddy sand		
Task	Time	Depth	Northing	East	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance	
ROV	09:22:00	44,40	55°04,579	14°37,664	MILS	SNIE	LEHE	Dist. 28 m	
CTDO								Dist. 6259211 m	
Haps Infauna	09:33:00	44,40	55°04,558	14°37,647	MILS	SNIE	LEHE	Dist. 19 m	
Haps Chem								Dist. 6259211 m	
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition			
Sediment type:	1a	Sediment description:	Sandy and silty bottom. Not a lot of faunal tracks. Probably gravel and shell-fragments in the sediment. Shallow wave ripples.	Flora:	None	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%			Invertebrates:	Dom. by bivalves (3-8 %) (especially Astarte spp. but also Mytilus spp. and white mussels) and polychaete tubes (<1-4 %, at least two types); additionally lugworm piles (<1 %), hydrozoans and anemones.	0 %	INF_OW1_47	50 % hard clay. Top with mud, midlayer of rough sand and gravel. One larger rock	Mixed sand and gray tones
Mud/silt (%)	70 %			Fish:	Sand gobies (<1 %)	2-8 %	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	30%			Video file id:	OWF1_47	Overall coverage	None	Small worm, some Astartidae	
Gravel (%)	0%					<1 %	Photo id (Chem)	Composition (Chem)	Colour (Chem)
Cobbles <10 cm (%)	0%								
Boulders >10 cm (%)	0%						Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)			
Sediment type:		Sediment description:		Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)				Invertebrates:					
Mud/silt (%)				Fish:		Overall coverage	Depth	Temperature	Remarks
Sand (%)									
Gravel (%)									
Cobbles <10 cm (%)							Others	QA: PEPE; QA DANJ substrate type has been changed. Liv	
Boulders >10 cm (%)									

Kunde:	Energinet	Date:	2022-03-03	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	8 m/s	Station:	OWF1_48	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	1,0 m	Note:	-	55°02,754	14°40,644	39 m
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Sand	
Task	Time	Depth	Northing	East	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	10:14:00	41,50	55°02,765	14°40,731	SNIE	LEHE	PEPE	Dist. 57 m
CTDO								Dist. 6257865 m
Haps Infauna	10:24:00	41,50	55°02,744	14°40,638	SNIE	LEHE	PEPE	Dist. 12 m
Haps Chem								Dist. 6257865 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	1b	Sediment description:	Flora:	None	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%	Silty and muddy sand bottom, few larger rocks, weak ripples in the sediment and some boulders	Invertebrates:	Sand: dom. by Astarte bivalves (5-40 %); additionally a starfish, and piles of lugworms; boulders are covered with tunicates (50%)	0 %	INF_OW1_48	Mud, gravel, and cobbles	Dark grey
Mud/silt (%)	30 %				Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	64 %		Overall coverage	None	Small worms in the top layer, bivalves (Astartidae)			
Gravel (%)	4 %		Fish:	Sand gobies (<1 %)	Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)
Cobbles <10 cm (%)	1 %				<1 %			
Boulders >10 cm (%)	1 %		Video file id:	OW1_48			Smell (Chem)	Visible species (Chem)
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:		Overall coverage	Depth	Temperature	Remarks
Mud/silt (%)					Overall coverage			
Sand (%)			Fish:		Overall coverage	Others QA: PEPE; QA DANJ substrate type has been changed. Liv		
Gravel (%)								
Cobbles <10 cm (%)			Video file id:					

Kunde:	Energinet	Date:	2022-03-03	Area:	Baltic Sea	Planned target			
Project:	ENOE	Wind speed (m/s)	8 m/s	Station:	OWF1_49	Northing	Easting	Depth	
Vessel	Skoven	Wave height (m)	1,0 m	Note:	-	55°01,562	14°42,298	38 m	
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Quaternary clay and silt		
Task	Time	Depth	Northing	East	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance	
ROV	10:41:00	39,50	55°01,577	14°42,328	SNIE	LEHE	PEPE	Dist. 25 m	
CTDO								Dist. 6256916 m	
Haps Infauna	10:49:00	39,50	55°01,586	14°42,339	SNIE	LEHE	PEPE	Dist. 37 m	
Haps Chem								Dist. 6256916 m	
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition			
Sediment type:	1b	Sediment description:	Flora:	None	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)	
Clay (%)	0%	Sandy bottom with distinct ripples with some silt in the troughs, signs of faunal activity, good visibility	Invertebrates:	Dom. by polychaete tubes (<1-5 %) (mainly Pygospio elegans, but at least two types) and Astarte bivalves (<1-1 %); additionally lugworm piles (<1 %) and hydrozoans.	0 %	INF_OW1_49	Coarse mud, gravel, few cobbles of 2 cm	Dark grey	
Mud/silt (%)	20 %		Fish:	Sand gobies (<1 %)	Overall coverage	Smell (Infauna)	Visible species (Infauna)		
Sand (%)	80 %				<1-5 %	None	Worms, bivalves, one 6-7 cm polychaete		
Gravel (%)	0%				Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)	
Cobbles <10 cm (%)	0%				<1 %				
Boulders >10 cm (%)	0%				Video file id:	OWF1_49	Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)			
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity	
Clay (%)			Invertebrates:			Depth	Temperature	Remarks	
Mud/silt (%)									
Sand (%)									
Gravel (%)									
Cobbles <10 cm (%)									
Boulders >10 cm (%)									
						Others	QA: PEPE; QA DANJ substrate type has been changed. Liv		

Kunde:	Energinet	Date:	2022-03-03	Area:	Baltic Sea	Planned target			
Project:	ENOE	Wind speed (m/s)	10 m/s	Station:	OWF1_50	Northing	Easting	Depth	
Vessel	Skoven	Wave height (m)	0,8	Note:	-	55°03,423	14°44,868	38 m	
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Sand		
Task	Time	Depth	Northing	East	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance	
ROV	11:11:00	39,40	55°03,427	14°44,899	SNIE	LEHE	PEPE	Dist. 20 m	
CTDO								Dist. 6259381 m	
Haps Infauna	11:19:00	39,40	55°03,445	14°44,892	SNIE	LEHE	PEPE	Dist. 29 m	
Haps Chem								Dist. 6259381 m	
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition			
Sediment type:	1b	Sediment description: Sandy bottom with distinct ripples, gravel, some clay, some rocks, lots of shell fragments	Flora:	Hildenbrandia on rocks (<1 %). Substrate specific coverage: (<1 %)	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)	
Clay (%)	1 %			<1 %	INF_OW1_50	Sand layer (5-7 cm), clay,	Dark grey		
Mud/silt (%)	13 %		Invertebrates:	Sand: dom. by Astarte bivalves (3-20 %), lugworm piles (<1 %), tubes from polychaetes (<1 %); additionally hydrozoans, starfish, few barnacles and a shrimp (Crangon crangon), calcareous tubes on rocks (Serpulidae)	Overall coverage	Smell (Infauna)	Visible species (Infauna)		
Sand (%)	85 %			3-20 %	None	Tube worms, bivalve (Astartidae), empty shells, light red bivalve (Macoma balthica).			
Gravel (%)	1 %		Fish:	Sand gobies (<1 %)	Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)	
Cobbles <10 cm (%)	0%			<1 %					
Boulders >10 cm (%)	<1 %		Video file id:	OWF1_50			Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)			
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity	
Clay (%)									
Mud/silt (%)			Invertebrates:			Overall coverage	Depth	Temperature	Remarks
Sand (%)									
Gravel (%)			Fish:			Overall coverage	Others QA: PEPE; QA DANJ substrate type has been changed. Liv		
Cobbles <10 cm (%)									
Boulders >10 cm (%)			Video file id:						

Kunde:	Energinet	Date:	2022-03-03	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	8 m/s	Station:	OWF1_51	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	1,0 m	Note:	-	55°04,204	14°41,037	41 m
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Sand	
Task	Time	Depth	Northing	East	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	09:50:00	42,20	55°04,200	14°41,041	MILS	SNIE	LEHE	Dist. 5 m
CTDO								Dist. 6259478 m
Haps Infauna	10:00:00	42,20	55°04,216	14°41,033	MILS	SNIE	PEPE	Dist. 14 m
Haps Chem								Dist. 6259478 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	1b	Sediment description:	Flora:	None	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%	Silty and fine grained sand bottom. Some mud and gravel as well. Three boulders. Piles from sandworms. Muddy and silty layer on top, with clay underneath. Soft ripples in the top layer.	Invertebrates:	Dom. by Astarte spp. bivalves (3-13 %) and polychaetes (1-5 %) (dom. by Pygospio elegans, but at least two types); additionally hydrozoans, lugworm piles (<1 %), white mussels and common starfish. On boulders: tunicates (95 % coverage), hydrozoans	0 %	INF_OW1_51	5 cm mud, fine sand/silt, gravel in the bottom, small stones	Dark grey
Mud/silt (%)	40 %		Fish:	Sand gobies (<1 %)	Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	58%				3-15 %	None	Some polychaetes and bivalves	
Gravel (%)	1 %		Video file id:	OWF1_51	Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)
Cobbles <10 cm (%)	1 %				<1 %			
Boulders >10 cm (%)	<1 %					Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:					
Mud/silt (%)			Fish:		Overall coverage	Depth	Temperature	Remarks
Sand (%)								
Gravel (%)			Video file id:			Others	QA: PEPE; QA DANJ substrate type has been changed. Liv	
Cobbles <10 cm (%)								
Boulders >10 cm (%)								

Kunde:	Energinet	Date:	2022-03-03	Area:	Baltic Sea	Planned target			
Project:	ENOE	Wind speed (m/s)	6 m/s	Station:	OWF1_52	Northing	Easting	Depth	
Vessel	Skoven	Wave height (m)	0,5	Note:	-	55°07,959	14°37,402	40 m	
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Muddy sand		
Task	Time	Depth	Northing	East	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance	
ROV	13:22:00	46,40	55°07,952	14°37,401	SNIE	MILS	PEPE	Dist. 7 m	
CTDO								Dist. 6262771 m	
Haps Infauna	13:29:00	46,40	55°07,957	14°37,403	SNIE	MILS	PEPE	Dist. 2 m	
Haps Chem								Dist. 6262771 m	
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition			
Sediment type:	1a	Sediment description:	Flora:	None	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)	
Clay (%)	10 %	Soft bottom, sandy, small ripples in the sediment, sand under the silt layer, some clay.	Invertebrates:	Dom. by Astarte bivalves (1-5 %) and small polychaete tubes (1 %), and some shell fragments; additionally shrimp and piles of lugworm (<1 %), and calcareous tubes on shells (Serpulidae) (<1 %)	0 %	INF_OW1_52	Clay in the bottom (75 %), silty and a bit sandy in the top layer (25 %).	Grey	
Mud/silt (%)	50 %			Fish:	Sand gobies (<1 %)	Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	40 %		1-5 %			None	Small polychaete and some shells from bivalves.		
Gravel (%)	0%		Video file id:	OWF1_52	Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)	
Cobbles <10 cm (%)	0%				<1 %				
Boulders >10 cm (%)	0%					Smell (Chem)	Visible species (Chem)		
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)			
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity	
Clay (%)			Invertebrates:						
Mud/silt (%)				Overall coverage	Depth	Temperature	Remarks		
Sand (%)			Fish:		Overall coverage	Others	QA: PEPE; QA DANJ substrate type has been changed. Liv		
Gravel (%)									
Cobbles <10 cm (%)			Video file id:						
Boulders >10 cm (%)									

Kunde:	Energinet	Date:	2022-03-03	Area:	Baltic Sea	Planned target			
Project:	ENOE	Wind speed (m/s)	7 m/s	Station:	OWF1_53	Northing	Easting	Depth	
Vessel	Skoven	Wave height (m)	0,6	Note:	-	55°06,453	14°41,041	40 m	
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Muddy sand		
Task	Time	Depth	Northing	East	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance	
ROV	12:55:00	44,70	55°06,453	14°41,049	SNIE	MILS	PEPE	Dist. 5 m	
CTDO								Dist. 6261865 m	
Haps Infauna	13:02:00	44,70	55°06,453	14°41,005	SNIE	MILS	PEPE	Dist. 23 m	
Haps Chem								Dist. 6261865 m	
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition			
Sediment type:	1a	Sediment description:	Flora:	None	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)	
Clay (%)	0%	Silt and mud, small wave ripples in the sediment, depressions and signs of infauna activity.	Invertebrates:	Dom. by infauna activity such as polychaete tubes (<1-1 %) and holes and piles (<1-1 %); additionally shrimp and possibly burried bivalves (<1 %)	0 %	INF_OW1_53	Silt, mud, clay	Grey	
Mud/silt (%)	90 %		Fish:	Sand gobies (<1 %)	Overall coverage	Smell (Infauna)	Visible species (Infauna)		
Sand (%)	10 %				<1-1 %	None	One polychaete, some small bivalves		
Gravel (%)	0%		Video file id:	OWF1_53	Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)	
Cobbles <10 cm (%)	0%				<1 %				
Boulders >10 cm (%)	0%					Smell (Chem)	Visible species (Chem)		
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)			
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity	
Clay (%)			Invertebrates:		Overall coverage	Depth	Temperature	Remarks	
Mud/silt (%)			Fish:		Overall coverage	Others	QA: PEPE; QA DANJ substrate type has been changed. Liv		
Sand (%)			Video file id:						
Gravel (%)									
Cobbles <10 cm (%)									
Boulders >10 cm (%)									

Kunde:	Energinet	Date:	2022-03-03	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	8 m/s	Station:	OWF1_54	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	0,8	Note:	-	55°05,697	14°44,204	42 m
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Muddy sand	
Task	Time	Depth	Northing	East	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	12:00:00	43,30	55°05,715	14°44,187	SNIE	MILS	PEPE	Dist. 22 m
CTDO								Dist. 6261667 m
Haps Infauna	12:10:00	43,30	55°05,691	14°44,204	SNIE	MILS	PEPE	Dist. 7 m
Haps Chem								Dist. 6261667 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	1a-1b	Sediment description:	Flora:	None	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%	Sandy with a lot of silt, small wave ripples in the sediment. Transition between substrattype 1a and 1b.	Invertebrates:	Dom by. tubes of polychaetes incl. Pygospio elegans (1-2 %), piles of lugworms (1-5 %), and bivalves <1 %; Additionally shrimp.	0 %	INF_OW1_54	Sandy, silty	Grey
Mud/silt (%)	40 %		Fish:	Sand gobies (<1 %)	Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	60 %				1-5 %	None	Small tubes from polychaetes and bivalves	
Gravel (%)	0%		Video file id:	OWDF1_54	Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)
Cobbles <10 cm (%)	0%				<1 %			
Boulders >10 cm (%)	0%					Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:		Overall coverage	Depth	Temperature	Remarks
Mud/silt (%)			Fish:		Overall coverage	Others QA: PEPE; QA DANJ substrate type has been changed. Liv		
Sand (%)			Video file id:					
Gravel (%)								
Cobbles <10 cm (%)								
Boulders >10 cm (%)								

Kunde:	Energinet	Date:	2022-03-03	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	6 m/s	Station:	OWF1_55	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	0,5	Note:	-	55°07,795	14°43,847	41 m
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Muddy sand	
Task	Time	Depth	Northing	East	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	12:29:00	43,80	55°07,806	14°43,852	SNIE	MILS	PEPE	Dist. 12 m
CTDO								Dist. 6263824 m
Haps Infauna	12:37:00	43,80	55°07,793	14°43,844	SNIE	MILS	PEPE	Dist. 3 m
Haps Chem								Dist. 6263824 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	1a	Sediment description:	Flora:	Dead eelgrass	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%	Soft bottom, silt and mud, depression and activity from infauna.	Invertebrates:	Dom. by infauna activity mostly polychaete tubes (<1-2 %) (at least two types incl. Pygospio elegans) and holes/piles (<1 %); additionally few bivalves spp. (<1 %)	0 %	INF_OW1_55	Silty and muddy in the top layer, sand and clay in the bottom layer	Light brown
Mud/silt (%)	100 %			Fish:	Sand gobies (<1 %)	Overall coverage	Smell (Infauna)	Visible species (Infauna)
Sand (%)	0%				1-2 %	None	A small snail and some worms	
Gravel (%)	0%				Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)
Cobbles <10 cm (%)	0%				<1 %			
Boulders >10 cm (%)	0%			Video file id:	OWF1_55	Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:					
Mud/silt (%)				Overall coverage		Depth	Temperature	Remarks
Sand (%)								
Gravel (%)				Fish:	Overall coverage	Others	QA: PEPE; QA DANJ substrate type has been changed. Liv	
Cobbles <10 cm (%)								
Boulders >10 cm (%)				Video file id:				

Kunde:	Energinet	Date:	2022-03-03	Area:	Baltic Sea	Planned target			
Project:	ENOE	Wind speed (m/s)	6 m/s	Station:	OWF1_56	Northing	Easting	Depth	
Vessel	Skoven	Wave height (m)	0,5	Note:	-	55°08,720	14°40,612	45 m	
ROV	Yes	Infauna	Yes	Chemistry	Yes	Expected substrate	Muddy sand		
Task	Time	Depth	Northing	East	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance	
ROV	13:50:00	45,90	55°08,712	14°40,594	SNIE	MILS	PEPE	Dist. 15 m	
CTDO								Dist. 6264190 m	
Haps Infauna	13:57:00	45,90	55°08,713	14°40,601	SNIE	MILS	PEPE	Dist. 11 m	
Haps Chem	14:00	45,90	55°08,720	14°40,640	SNIE	MILS	PEPE	Dist. 18 m	
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition			
Sediment type:	1a	Sediment description:	Flora:	None	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)	
Clay (%)	0%	Soft bottom, silt with a little sand. small tubes from polychaetes. holes from infaunal activity.	Invertebrates:	Dom. By bivalves, possibly Astarte (1-2 %) and tubes from polychaetes (<1 %) few piles and holes from polychaetes (<1 %); additionally hydrozoans and lionsmane jellyfish	0 %	INF_OW1_56	Stony layer on top, the rest is clay	Gray	
Mud/silt (%)	90 %			Overall coverage	Smell (Infauna)	Visible species (Infauna)			
Sand (%)	10 %		1-2 %	None	Polychaetes, bivalves (A. islandica)				
Gravel (%)	0%		Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)			
Cobbles <10 cm (%)	0%						<1 %	-	Stony layer on top, the rest is clay
Boulders >10 cm (%)	0%		Video file id:	OWF1_56		Smell (Chem): None	Visible species (Chem)	Different species of worms and juvenile bivalves	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)			
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity	
Clay (%)			Invertebrates:						
Mud/silt (%)				Overall coverage	Depth	Temperature	Remarks		
Sand (%)			Overall coverage	Others	QA: PEPE; QA DANJ substrate type has been changed. Liv				
Gravel (%)									
Cobbles <10 cm (%)			Video file id:						
Boulders >10 cm (%)									

Kunde:	Energinet	Date:	2022-03-03	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	6 m/s	Station:	OWF1_57	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	0,8	Note:	-	55°10,435	14°39,795	42 m
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Mud and sandy mud	
Task	Time	Depth	Northing	East	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	14:19:00	47,40	55°10,424	14°39,790	MILS	PEPE	LEHE	Dist. 13 m
CTDO								Dist. 6265854 m
Haps Infauna	14:28:00	47,40	55°10,423	14°39,806	MILS	PEPE	LEHE	Dist. 15 m
Haps Chem								Dist. 6265854 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	1a	Sediment description:	Flora:	None	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	40 %	Soft bottom, silty, a bit of sand, shallow ripples in sediment, holes in sediment from infaunal activity. Strong current over the bottom. Might be clay right underneath top layer of sediment.	Invertebrates:	Dom. by infauna activity mostly bivalves (<1-3 %) (incl. Astarte spp. and white mussels) and polychaete tubes (<1-2 %) (at least two types) and holes/piles (<1-1 %); additionally hydrozoans.	0 %	INF_OFW1_57	Mud, silt at the top 7 cm and the rest is clay.	Brown and gray
Mud/silt (%)	60 %		Fish:	Sand gobies (<1 %)	Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	0%				<1-3 %	None	Many small worms, and some small Astarte spp. bivalves	
Gravel (%)	0%				Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)
Cobbles <10 cm (%)	0%				<1 %			
Boulders >10 cm (%)	0%			Video file id:	OFW1_57	Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:					
Mud/silt (%)			Fish:		Overall coverage	Depth	Temperature	Remarks
Sand (%)								
Gravel (%)								
Cobbles <10 cm (%)								
Boulders >10 cm (%)				Video file id:			Others	QA: PEPE; QA DANJ substrate type has been changed. Liv

Kunde:	Energinet	Date:	2022-03-03	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	4 m/s	Station:	OWF1_58	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	0,7	Note:	-	55°10,126	14°43,023	44 m
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Mud and sandy mud	
Task	Time	Depth	Northing	East	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	14:44:00	47,00	55°10,115	14°42,995	MILS	PEPE	LEHE	Dist. 22 m
CTDO								Dist. 6266140 m
Haps Infauna	14:53:00	47,00	55°10,123	14°43,023	MILS	PEPE	LEHE	Dist. 4 m
Haps Chem								Dist. 6266140 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	1a	Sediment description:	Flora:	None	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%	Soft bottom, almost no ripples. Mostly mud with clay underneath.	Invertebrates:	Dom. by holes and small piles of lugworm (1 %), perhaps some bivalves in the sediment (<1 %).	0 %	INF_OW1_58	Grainy mud and silt, with gravel	Brown/gray
Mud/silt (%)	100 %				Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	0%		1 %	None	Astartidae and few worms			
Gravel (%)	0%		Fish:	Sand gobies (<1 %)	Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)
Cobbles <10 cm (%)	0%				<1 %			
Boulders >10 cm (%)	0%		Video file id:	OWF1_58		Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:		Overall coverage	Depth	Temperature	Remarks
Mud/silt (%)					Overall coverage			
Sand (%)			Fish:		Overall coverage	Others	QA: PEPE; QA DANJ substrate type has been changed. Liv	
Gravel (%)								
Cobbles <10 cm (%)			Video file id:					
Boulders >10 cm (%)								

Kunde:	Energinet	Date:	2022-03-03	Area:	Baltic Sea	Planned target			
Project:	ENOE	Wind speed (m/s)	7 m/s	Station:	OWF1_59	Northing	Easting	Depth	
Vessel	Skoven	Wave height (m)	0,7	Note:	Good visibility	55°11,682	14°42,944	41 m	
ROV	Yes	Infauna	Yes	Chemistry	Yes	Expected substrate	Mud and sandy mud		
Task	Time	Depth	Northing	East	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance	
ROV	15:07:00	47,50	55°11,703	14°42,932	MILS	PEPE	LEHE	Dist. 24 m	
CTDO								Dist. 6267776 m	
Haps Infauna	15:16:00	47,50	55°11,689	14°42,922	MILS	PEPE	LEHE	Dist. 16 m	
Haps Chem	15:18	47,50	55°11,676	14°42,912	MILS	PEPE	LEHE	Dist. 22 m	
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition			
Sediment type:	1a	Sediment description:	Flora:	None	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)	
Clay (%)	0%	Bottom is silty with almost no ripples. Few signs of faunal activity.	Invertebrates:	Dom. by low faunal activity mostly polychaete tubes (<1 %) and holes/piles (<1 %) and bivalves (<1 %) (incl. Astarte spp. and white shells); additionally hydrozoan	0 %	INF_OW1_59	Mud, silt	Brown and dark gray	
Mud/silt (%)	100 %				Overall coverage	Smell (Infauna)	Visible species (Infauna)		
Sand (%)	0%		Overall coverage	None	Bivalves and few worms				
Gravel (%)	0%		Fish:	Sand gobies (<1 %)	Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)	
Cobbles <10 cm (%)	0%				<1 %	-	Mud, silt and clay	brown and dark gray	
Boulders >10 cm (%)	0%		Video file id:	OWF1_59			Smell (Chem): None	Visible species (Chem)	No visible species
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)			
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity	
Clay (%)			Invertebrates:		Overall coverage	Depth	Temperature	Remarks	
Mud/silt (%)					Overall coverage	Others QA: PEPE; QA DANJ substrate type has been changed. Liv			
Sand (%)			Overall coverage						
Gravel (%)			Overall coverage						
Cobbles <10 cm (%)			Video file id:						
Boulders >10 cm (%)									

Kunde:	Energinet	Date:	2022-03-03	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	5 m/s	Station:	OWF1_60	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	0,7	Note:	-	55°13,144	14°43,603	41 m
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Mud and sandy mud	
Task	Time	Depth	Northing	East	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	15:33:00	47,40	55°13,136	14°43,572	MILS	PEPE	LEHE	Dist. 22 m
CTDO								Dist. 6269453 m
Haps Infauna	15:42:00	47,40	55°13,140	14°43,564	MILS	PEPE	LEHE	Dist. 25 m
Haps Chem								Dist. 6269453 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	1a	Sediment description:	Flora:	None	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%	Soft bottom. Silty and muddy. Shell fragments.	Invertebrates:	Dom. by tubes of Pygospio elegans (<1-3 %), Astartidae bivalves (<1 %), and few holes from bivalves or polychaetes (<1%). Overall low faunal activity.	0 %	INF_OW1_60	Mud on top, then mixed silt, clay and very fine sand	Brown, and then darker gray further down.
Mud/silt (%)	100 %				Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	0%		<1-3 %	None	Empty shells from bivalves.			
Gravel (%)	0%		Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)		
Cobbles <10 cm (%)	0%		<1 %					
Boulders >10 cm (%)	0%		Video file id:	OWF1_60			Smell (Chem)	Visible species (Chem)
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:					
Mud/silt (%)					Overall coverage	Depth	Temperature	Remarks
Sand (%)								
Gravel (%)			Overall coverage					
Cobbles <10 cm (%)								
Boulders >10 cm (%)			Video file id:				Others	QA: PEPE; QA DANJ substrate type has been changed. Liv

APPENDIX 3B – LOGBOOK FOR BORNHOLM II (OWF2)

Kunde:	Energinet	Date:	2022-03-03	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	5 m/s	Station:	OWF2_01	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	0,5	Note:	-	54°69,084	14°52,364	37 m
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Sand	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	18:30:00	38,50	54°69,082	14°52,366	SNIE	LEHE	PEPE	Dist. 2 m
CTDO								Dist. 6224417 m
Haps Infauna	18:39:00	38,50	54°69,104	14°52,382	SNIE	LEHE	PEPE	Dist. 25 m
Haps Chem								Dist. 6224417 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	1b	Sediment description:	Flora:	None	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%	Sandy bottom, distinct ripples, some organic materials between ribbles, a few small rocks	Invertebrates:	Dom. by infauna activity, mostly polychaete tubes of Pygospio elegans (1-10 %) and a few piles (<1 %) and bivalves (<1-4 %) (incl. Mytilus spp., Astarte spp. and white mussels); additionally hydrozoans, jellyfish and a shrimp (<1 %). Rocks covered in Mytilus spp. Mussels (95%) and hydrozoans	0%	INF_OW2_01	Sand	Grey and some black spots
Mud/silt (%)	9 %				Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	91 %		1-10 %	None	Tubes and polychaete, one bivalve			
Gravel (%)	0%		Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)		
Cobbles <10 cm (%)	<1%		<1 %					
Boulders >10 cm (%)	0%		Video file id:	OWF2_01			Smell (Chem)	Visible species (Chem)
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:					
Mud/silt (%)					Overall coverage	Depth	Temperature	Remarks
Sand (%)								
Gravel (%)			Overall coverage	Others	QA CELA: Species added, invertebrate coverage changed to interval etc. Liv			
Cobbles <10 cm (%)								
Boulders >10 cm (%)			Video file id:					

Kunde:	Energinet	Date:	2022-03-03	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	3 m/s	Station:	OWF2_02	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	0,5	Note:	-	54°68,257	14°56,796	41 m
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Quarternary clay and silt	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	19:00:00	43,50	54°68,246	14°56,771	SNIE	LEHE	PEPE	Dist. 20 m
CTDO								Dist. 6224404 m
Haps Infauna	19:07:00	43,50	54°68,255	14°56,802	SNIE	LEHE	PEPE	Dist. 5 m
Haps Chem								Dist. 6224404 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	1a	Sediment description:	Flora:	None	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%	Silty muddy bottom, holes from invertebrates, plastic	Invertebrates:	Dom by holes from polychaetes (1-5%), small tubes possible from Pygospio elegans (<1-2%), mobile blue mussels (<1%), barnacles (<1%), shrimps (<1%), hydrozoans (<1%); additionally red polychaetes (Scoloplos armiger) (<1%)	0 %	INF_OW2_02	Sand, silt, clay lumps	Ligh grey-brown
Mud/silt (%)	100 %				Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	0%		1-5 %	Weak sulfur smell	Small bivalves, small polychaetes			
Gravel (%)	0%		Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)		
Cobbles <10 cm (%)	0%		1 %					
Boulders >10 cm (%)	0%		Video file id:	OWF2_02		Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:		Overall coverage	Depth	Temperature	Remarks
Mud/silt (%)								
Sand (%)			Overall coverage	Others AQ: PEPE, invertebrates and fish changed. Liv				
Gravel (%)								
Cobbles <10 cm (%)								
Boulders >10 cm (%)			Video file id:					

Kunde:	Energinet	Date:	2022-03-03	Area:	Baltic Sea	Planned target			
Project:	ENOE	Wind speed (m/s)	4 m/s	Station:	OWF2_03	Northing	Easting	Depth	
Vessel	Skoven	Wave height (m)	0,5	Note:	-	54°68,760	14°61,660	45 m	
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Quaternary clay and silt		
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance	
ROV	19:28:00	47,70	54°68,755	14°61,631	SNIE	LEHE	PEPE	Dist. 19 m	
CTDO								Dist. 6225887 m	
Haps Infauna	19:36:00	47,70	54°68,756	14°61,643	SNIE	LEHE	PEPE	Dist. 12 m	
Haps Chem								Dist. 6225887 m	
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition			
Sediment type:	1a	Sediment description:	Flora:	None	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)	
Clay (%)	0%	Silty bottom with no wave ripples, a few tracks from faunal activity	Invertebrates:	Dom. by little infauna activity such as polychaete tubes (<1-2 %) (at least two types) and shrimps (<1-1 %)	0%	INF_OW2_03	Silt and sand	Grey	
Mud/silt (%)	100 %				Overall coverage	Smell (Infauna)	Visible species (Infauna)		
Sand (%)	0%		<1-2 %	Clear smell of sulphur	Small polychaetes and a small mussel				
Gravel (%)	0%		Fish:	Herring, small transparent fish at the bottom (<1 %)	Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)	
Cobbles <10 cm (%)	0%				<1%				
Boulders >10 cm (%)	0%		Video file id:	OWF2_03		Smell (Chem)	Visible species (Chem)		
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)			
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity	
Clay (%)			Invertebrates:						
Mud/silt (%)					Overall coverage	Depth	Temperature	Remarks	
Sand (%)			Fish:		Overall coverage	Others	QA CELA: species added with percentages, invertebrate coverage changed to interval etc. Liv		
Gravel (%)									
Cobbles <10 cm (%)			Video file id:						

Kunde:	Energinet	Date:	2022-03-03	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	4 m/s	Station:	OWF2_04	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	0,5	Note:	-	54°69,424	14°66,972	48 m
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Quaternary clay and silt	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	19:59:00	49,80	54°69,427	14°66,948	SNIE	LEHE	PEPE	Dist. 16 m
CTDO								Dist. 6227631 m
Haps Infauna	20:06:00	49,80	54°69,423	14°66,960	SNIE	LEHE	PEPE	Dist. 8 m
Haps Chem								Dist. 6227631 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	1a	Sediment description:	Flora:	None	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%	Muddy/silty bottom, no wave ripples	Invertebrates:	Dom by holes/depressions from polychaetes (1 %), tubes from polychaetes (<1 %), bivalves protruding from the sediment (<1 %), shrimp (<1 %)	0 %	INF_OW2_04	Muddy, silty	Grey
Mud/silt (%)	100 %			Overall coverage	Smell (Infauna)	Visible species (Infauna)		
Sand (%)	0%		1 %	Smell of sulfur	Small worms and organic material.			
Gravel (%)	0%		Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)		
Cobbles <10 cm (%)	0%		<1 %					
Boulders >10 cm (%)	0%		Video file id:	OWF2_04		Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:					
Mud/silt (%)				Overall coverage	Depth	Temperature	Remarks	
Sand (%)								
Gravel (%)			Overall coverage	Others QA: PEPE, invertebrates and fish changed. QA: Liv				
Cobbles <10 cm (%)								
Boulders >10 cm (%)			Video file id:					

Kunde:	Energinet	Date:	2022-03-03	Area:	Baltic Sea	Planned target			
Project:	ENOE	Wind speed (m/s)	4 m/s	Station:	OWF2_05	Northing	Easting	Depth	
Vessel	Skoven	Wave height (m)	0,5	Note:	-	54°69,893	14°72,959	49 m	
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Muddy sand		
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance	
ROV	20:30:00	52,50	54°69,907	14°72,933	SNIE	MILS	PEPE	Dist. 23 m	
CTDO								Dist. 6229305 m	
Haps Infauna	20:26:00	52,50	54°69,893	14°72,958	SNIE	MILS	PEPE	Dist. 1 m	
Haps Chem								Dist. 6229305 m	
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition			
Sediment type:	1a	Sediment description:	Flora:	None	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)	
Clay (%)	0%	Soft, silty bottom, holes possibly from invertebrates, tracks from faunal activity	Invertebrates:	Dom by infauna activity mostly holes from bivalves or polychaetes (both <1 %); additionally a shrimp	0 %	INF_OW2_05	Silt and clay	Lightbrown in the top, darkbrown in the middle, grey in the bottom	
Mud/silt (%)	90 %				Overall coverage	Smell (Infauna)	Visible species (Infauna)		
Sand (%)	10 %		Overall coverage	Smell of sulphur	Tube from a polychaete				
Gravel (%)	0%		Fish:	Herrings, sand gobies (2 %)and flounder tracks	Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)	
Cobbles <10 cm (%)	0%				2 %				
Boulders >10 cm (%)	0%		Video file id:	OWF2_05		Smell (Chem)	Visible species (Chem)		
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)			
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity	
Clay (%)			Invertebrates:		Overall coverage	Depth	Temperature	Remarks	
Mud/silt (%)					Overall coverage				
Sand (%)			Fish:		Overall coverage	Others	QA CELA: species added with pecentage, invertebrate coverage changed to interval, sediment description changed etc. QA: Liv		
Gravel (%)									
Cobbles <10 cm (%)			Video file id:						
Boulders >10 cm (%)									

Kunde:	Energinet	Date:	2022-03-03	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	4 m/s	Station:	OWF2_06	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	0,5	Note:	Experienced pulling by the ship	54°70,392	14°79,115	51 m
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Muddy sand	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	21:01:00	54,50	54°70,383	14°79,104	SNIE	MILS	PEPE	Dist. 12 m
CTDO								Dist. 6231048 m
Haps Infauna	21:08:00	54,50	54°70,386	14°79,114	SNIE	MILS	PEPE	Dist. 6 m
Haps Chem								Dist. 6231048 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	1a	Sediment description:	Flora:	None	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%	Muddy silty bottom, soft bottom.	Invertebrates:	Dom by small tracks from infaunal activity incl. holes from bivalves (1-3%) or polychaetes (1-3%)	0 %	INF_OW2_06	Mud, oxygenated in the toplayer, silt in the bottom	Dark brown mud
Mud/silt (%)	100 %				Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	0%		1-3 %	None	None			
Gravel (%)	0%		Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)		
Cobbles <10 cm (%)	0%					1 %		
Boulders >10 cm (%)	0%		Video file id:	OWF2_06		Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:		Overall coverage	Depth	Temperature	Remarks
Mud/silt (%)								
Sand (%)			Overall coverage	Fish:		Others QA: PEPE, invertebrates and fish changed. Liv		
Gravel (%)								
Cobbles <10 cm (%)			Video file id:					
Boulders >10 cm (%)								

Kunde:	Energinet	Date:	2022-03-03	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	4 m/s	Station:	OWF2_07	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	0,5	Note:	Experienced pulling by the ship	54°70,659	14°84,490	54 m
ROV	Yes	Infauna	Yes	Chemistry	Yes	Expected substrate	Muddy sand	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	21:30:00	55,50	54°70,675	14°84,444	SNIE	MILS	PEPE	Dist. 34 m
CTDO								Dist. 6232395 m
Haps Infauna	21:36:00	55,50	54°70,673	14°84,474	SNIE	MILS	PEPE	Dist. 18 m
Haps Chem	21:41:00	55,50	54°70,660	14°84,504	SNIE	MILS	PEPE	Dist. 9 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	1a	Sediment description:	Flora:	None	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%	Soft bottom, silty/muddy, not many signs of infauna but a few tracks, holes possibly from mussels or worms and white bivalve fragments	Invertebrates:	Dom. by little infauna activity mostly polychaete tubes (<1-1 %) and bivalves spp. (<1 %); additionally a shrimp	0 %	INF_OW2_07	Mud, oxygenated in the toplayer, silt in the bottom	Dark brown mud
Mud/silt (%)	100 %				Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	0%		<1-1 %	Sulphur	Shells from bivalves			
Gravel (%)	0%		Fish:	Herrings, goby (<1 %)	Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)
Cobbles <10 cm (%)	0%				<1 %	-	Mud, oxygenated in the toplayer, silt in the bottom	Dark brown mud
Boulders >10 cm (%)	0%		Video file id:	OWF2_07		Smell (Chem): Sulphur	Visible species (Chem): Shells from bivalves	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:		Overall coverage	Depth	Temperature	Remarks
Mud/silt (%)					Overall coverage	Others QA CELA: species added with percentages, invertebrate coverage changed to interval, sediment description changed etc. Liv		
Sand (%)			Overall coverage					
Gravel (%)			Overall coverage					
Cobbles <10 cm (%)			Fish:					
Boulders >10 cm (%)					Video file id:			

Kunde:	Energinet	Date:	2022-03-04	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	7 m/s	Station:	OWF2_08	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	1,0 m	Note:	-	54°73,742	14°86,271	54 m
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Muddy sand	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	06:03:00	57,20	54°73,722	14°86,247	MILS	PEPE	LEHE	Dist. 27 m
CTDO								Dist. 6236009 m
Haps Infauna	06:12:00	57,20	54°73,706	14°86,275	MILS	PEPE	LEHE	Dist. 40 m
Haps Chem								Dist. 6236009 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	1a	Sediment description:	Flora:	None	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%	Muddy and soft bottom	Invertebrates:	Dom by a few tracks from faunal activity from polychaetes or bivalves (<1 %), and few white shell fragments (<1 %)	0 %	INF_OWf2_08	Mud on top, silt below	Brown on top, darker gray below
Mud/silt (%)	100 %				Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	0%		<1 %	Strong smell of sulphur	Polychaeta and empty shells			
Gravel (%)	0%		Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)		
Cobbles <10 cm (%)	0%		1 %					
Boulders >10 cm (%)	0%		Video file id:	OWF2_08		Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:		Overall coverage	Depth	Temperature	Remarks
Mud/silt (%)					Overall coverage			
Sand (%)			Overall coverage					
Gravel (%)								
Cobbles <10 cm (%)			Video file id:			Others	QA: PEPE, invertebrates and fish changed. Liv	
Boulders >10 cm (%)								

Kunde:	Energinet	Date:	2022-03-04	Area:	Baltic Sea	Planned target			
Project:	ENOE	Wind speed (m/s)	8 m/s	Station:	OWF2_09	Northing	Easting	Depth	
Vessel	Skoven	Wave height (m)	1,0 m	Note:	-	54°72,926	14°81,960	52 m	
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Muddy sand		
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance	
ROV	06:40:00	55,00	54°72,930	14°82,037	MILS	PEPE	LEHE	Dist. 50 m	
CTDO								Dist. 6234291 m	
Haps Infauna	06:48:00	55,00	54°72,921	14°81,997	MILS	PEPE	LEHE	Dist. 24 m	
Haps Chem								Dist. 6234291 m	
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition			
Sediment type:	1a	Sediment description:	Flora:	None	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)	
Clay (%)	0%	Muddy/silty bottom with a few holes and tracks from faunal activity	Invertebrates:	Dom. by little infauna activity mostly polychaete tubes (<1 %) and holes likely from bivalves (<1 %)	0 %	INF_OW2_09	Muddy and silty	Brown, then darker below	
Mud/silt (%)	100 %				Overall coverage	Smell (Infauna)	Visible species (Infauna)		
Sand (%)	0%		<1 %	Strong sulphur smell	One visible polychaete and empty bivalve shells				
Gravel (%)	0%		Fish:	Herring, sand goby (<1 %) and flounder tracks	Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)	
Cobbles <10 cm (%)	0%				<1 %				
Boulders >10 cm (%)	0%		Video file id:	OWF2_9		Smell (Chem)	Visible species (Chem)		
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)			
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity	
Clay (%)			Invertebrates:		Overall coverage	Depth	Temperature	Remarks	
Mud/silt (%)									
Sand (%)			Fish:		Overall coverage	Others	QA CELA: species added with percentages, invertebrate coverage changed, sediment description changed etc. Liv		
Gravel (%)									
Cobbles <10 cm (%)			Video file id:						

Kunde:	Energinet	Date:	2022-03-04	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	8 m/s	Station:	OWF2_10	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	1,0 m	Note:	-	54°72,524	14°75,183	49 m
ROV	Yes	Infauna	Yes	Chemistry	Yes	Expected substrate	Muddy sand	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	07:10:00	53,90	54°72,539	14°75,174	MILS	PEPE	LEHE	Dist. 17 m
CTDO								Dist. 6232528 m
Haps Infauna	07:20:00	53,90	54°72,529	14°75,204	MILS	PEPE	LEHE	Dist. 15 m
Haps Chem	07:24	53,90	54°72,505	14°75,190	MILS	PEPE	LEHE	Dist. 22 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	1a	Sediment description:	Flora:	None	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%	Muddy and silty bottom. No ripples in sediment.	Invertebrates:	Dom by tracks from infauna incl holes from polychaetes or bivalves (<1 %)	0 %	INF_OWf2_10	Muddy and silty	Brown, and darker gray below
Mud/silt (%)	100 %				Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	0%		<1 %	Strong sulphur	Macoma balthica			
Gravel (%)	0%		Fish:	Sand gobies (1 %)	Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)
Cobbles <10 cm (%)	0%				1 %	-	Muddy and silty	Brown, and darker gray below
Boulders >10 cm (%)	0%		Video file id:	OWF2_10			Smell (Chem): Strong sulphur	Visible species (Chem): No visible species
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:		Overall coverage	Depth	Temperature	Remarks
Mud/silt (%)					Overall coverage	Others QA: PEPE, invertebrates and fish changed. Liv		
Sand (%)			Overall coverage					
Gravel (%)			Overall coverage					
Cobbles <10 cm (%)			Fish:		Overall coverage			
Boulders >10 cm (%)					Video file id:			

Kunde:	Energinet	Date:	2022-03-04	Area:	Baltic Sea	Planned target			
Project:	ENOE	Wind speed (m/s)	8 m/s	Station:	OWF2_11	Northing	Easting	Depth	
Vessel	Skoven	Wave height (m)	1,0 m	Note:	-	54°71,636	14°69,363	48 m	
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Muddy sand		
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance	
ROV	08:02:00	51,00	54°71,654	14°69,371	MILS	PEPE	LEHE	Dist. 21 m	
CTDO								Dist. 6230442 m	
Haps Infauna	08:10:00	51,00	54°71,639	14°69,381	MILS	PEPE	LEHE	Dist. 12 m	
Haps Chem								Dist. 6230442 m	
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition			
Sediment type:	1a	Sediment description:	Flora:	Drifting macroalgae	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)	
Clay (%)	0%	Muddy and silty bottom, very homogenous with no ripples. Some crevices, perhaps from bivalves, but they look old.	Invertebrates:	Only visible invertebrates were polychaete tubes (<1 %) (at least two types) and a few bivalves spp. (<1 %)	0 %	INF_OWf2_11	Dark mud and silt	Dark brown	
Mud/silt (%)	100 %				Overall coverage	Smell (Infauna)	Visible species (Infauna)		
Sand (%)	0%		Fish:	Sand gobies (<1 %)	<1 %	Weak sulphur smell	Worms and a small bivalve along with partially decomposed organic matter		
Gravel (%)	0%				Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)	
Cobbles <10 cm (%)	0%				<1 %				
Boulders >10 cm (%)	0%		Video file id:	OWF2_11			Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)			
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity	
Clay (%)			Invertebrates:		Overall coverage	Depth	Temperature	Remarks	
Mud/silt (%)					Overall coverage				
Sand (%)			Fish:		Overall coverage	Others	QA CELA: species added with percentages, invertebrate coverage changed, sediment description changed etc. Liv		
Gravel (%)					Overall coverage				
Cobbles <10 cm (%)			Video file id:						

Kunde:	Energinet	Date:	2022-03-04	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	8 m/s	Station:	OWF2_12	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	1,0 m	Note:	-	54°70,903	14°61,605	44 m
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Quaternary clay and silt	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	08:35:00	47,00	54°70,893	14°61,610	MILS	SNIE	LEHE	Dist. 11 m
CTDO								Dist. 6228146 m
Haps Infauna	08:43:00	47,00	54°70,910	14°61,670	MILS	SNIE	LEHE	Dist. 43 m
Haps Chem								Dist. 6228146 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	1a	Sediment description:	Flora:	None	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%	Silty soft bottom. No wave ripples, very homogenous	Invertebrates:	Dom by tubes from Pygospio elegans (1-5 %) infaunal activity incl holes from polychaetes or bivalves (1 %)	0 %	INF_OWf2_12	Mud, fine-grain-sand, clay at bottom.	Dark gray-brown
Mud/silt (%)	100 %				Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	0%		1-5 %	None	Worms, organic material dispersed in sample			
Gravel (%)	0%		Fish:	Sand gobies (<1 %), flounder tracks	Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)
Cobbles <10 cm (%)	0%				<1 %			
Boulders >10 cm (%)	0%		Video file id:	OWF2_12			Smell (Chem)	Visible species (Chem)
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:		Overall coverage	Depth	Temperature	Remarks
Mud/silt (%)					Overall coverage	Others QA: PEPE, invertebrates and fish changed. Liv		
Sand (%)			Overall coverage					
Gravel (%)			Fish:					
Cobbles <10 cm (%)					Video file id:			
Boulders >10 cm (%)								

Kunde:	Energinet	Date:	2022-03-04	Area:	Baltic Sea	Planned target			
Project:	ENOE	Wind speed (m/s)	8 m/s	Station:	OWF2_13	Northing	Easting	Depth	
Vessel	Skoven	Wave height (m)	1,0 m	Note:	Good visibility	54°70,509	14°56,823	41 m	
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Quaternary clay and silt		
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance	
ROV	09:03:00	42,30	54°70,522	14°56,796	MILS	SNIE	LEHE	Dist. 22 m	
CTDO								Dist. 6226795 m	
Haps Infauna	09:11:00	42,30	54°70,527	14°56,814	MILS	SNIE	LEHE	Dist. 20 m	
Haps Chem								Dist. 6226795 m	
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition			
Sediment type:	1a	Sediment description:	Flora:	Dead plant material	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)	
Clay (%)	0%	Sandy, silty bottom with shallow wave ripples. Organic plant material accumulated in troughs. Very fine-grained sand some places, possibly silt, flounder tracks.	Invertebrates:	Dom. by polychaete tubes (<1-3 %) (incl. Pygospio elegans); additionally bivalves (<1 %) (incl. mobile Mytilus spp.), shrimps and a jellyfish	0 %	INF_OW2_13	Fine sand on top, clay at bottom, with organic material scattered on top.	Gray	
Mud/silt (%)	60 %		Fish:	Sand goby (<1 %), flounder tracks	<1-3 %	None	Visible species (Infauna)		
Sand (%)	40 %		Video file id:	OWF2_13	Overall coverage		Composition (Chem)	Colour (Chem)	
Gravel (%)	0%				<1 %				
Cobbles <10 cm (%)	0%								
Boulders >10 cm (%)	0%								
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)			
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity	
Clay (%)			Invertebrates:		Overall coverage	Depth	Temperature	Remarks	
Mud/silt (%)			Fish:		Overall coverage	Others	QA CELA: species added with percentages, invertebrate coverage changed, sediment description changed etc. Liv		
Sand (%)			Video file id:						
Gravel (%)									
Cobbles <10 cm (%)									
Boulders >10 cm (%)									

Kunde:	Energinet	Date:	2022-03-04	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	9 m/s	Station:	OWF2_14	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	1,0 m	Note:	-	54°71,291	14°52,787	36 m
ROV	Yes	Infauna	Yes	Chemistry	Yes	Expected substrate	Sand	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	09:29:00	38,20	54°71,310	14°52,771	MILS	SNIE	LEHE	Dist. 24 m
CTDO								Dist. 6226838 m
Haps Infauna	09:36:00	38,20	54°71,302	14°52,787	MILS	SNIE	LEHE	Dist. 13 m
Haps Chem	09:40	38,20	54°71,282	14°52,707	MILS	SNIE	LEHE	Dist. 52 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	1b	Sediment description:	Flora:	Drifting red algae.	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%	Fine grained sand bottom with some silt as well. Darker parts between ripples contains plant material. Transition zone between substrate type 1a and 1b.	Invertebrates:	Dom by tubes from Pygospio elegans (3-10 %), holes from infauna made by polychaetes or bivalves (1 %); additionally blue mussels (<1 %), barnacles (<1 %), mussels (<1 %).	0 %	INF_OWf2_14	4 cm mud/silt on top, rest is fine sand	Gray
Mud/silt (%)	25 %		Fish:	Sand goby (<1 %), flounder tracks.	3-10 %	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	75 %		Video file id:	OWF2_14	Smell (Chem): None	Visible species (Chem): No visible species		
Gravel (%)	0%					Photo id (Chem)	Composition (Chem)	Colour (Chem)
Cobbles <10 cm (%)	0%					-	4 cm mud/silt on top, rest is fine sand	Gray
Boulders >10 cm (%)	0%							
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:		Overall coverage	Depth	Temperature	Remarks
Mud/silt (%)			Fish:		Overall coverage	Others AQ: PEPE, invertebrates and fish changed; QA DANJ substrate type has been changed. Liv		
Sand (%)			Video file id:					
Gravel (%)								
Cobbles <10 cm (%)								
Boulders >10 cm (%)								

Kunde:	Energinet	Date:	2022-03-04	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	8 m/s	Station:	OWF2_15	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	1,0 m	Note:	-	54°73,597	14°53,881	34 m
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Sand	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	10:00:00	37,30	54°73,581	14°53,888	SNIE	LEHE	PEPE	Dist. 19 m
CTDO								Dist. 6229495 m
Haps Infauna	10:05:00	37,30	54°73,607	14°53,928	SNIE	LEHE	PEPE	Dist. 32 m
Haps Chem								Dist. 6229495 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	1b	Sediment description:	Flora:	Drifting Furcellaria	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%	Sandy bottom, distinct ripples, some silt in troughs, some plant material	Invertebrates:	Dom. by polychaete tubes (5-15 %) (mainly Pygospio elegans) and bivalves (<1-2 %) (incl. mobile Mytilus spp. some in clusters and a single cockle); additionally barnacles and hydrozoans on Mytilus spp. and shrimps	0%	INF_OW2_15	Silt in the top layer, fine-grained sand, lumps of mud, plant material, few cobbles	Grey
Mud/silt (%)	10 %				Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	90 %		5-15 %	Moderate smell of sulphur	Mussels, polychaetes			
Gravel (%)	0%		Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)		
Cobbles <10 cm (%)	0%						<1 %	
Boulders >10 cm (%)	0%		Video file id:	OWF2_15		Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:		Overall coverage	Depth	Temperature	Remarks
Mud/silt (%)					Overall coverage	Others	QA CELA: percentage of silt increased from 5 to 10 %, species added with percentages, invertebrate coverage changed, sediment description changed etc. Liv	
Sand (%)			Overall coverage					
Gravel (%)			Video file id:					
Cobbles <10 cm (%)								
Boulders >10 cm (%)								

Kunde:	Energinet	Date:	2022-03-04	Area:	Baltic Sea	Planned target			
Project:	ENOE	Wind speed (m/s)	8 m/s	Station:	OWF2_16	Northing	Easting	Depth	
Vessel	Skoven	Wave height (m)	1,0 m	Note:	Two attempts to get the HAPS sample	54°72,568	14°56,189	40 m	
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Quarternary clay and silt		
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance	
ROV	12:21:00	40,40	54°72,562	14°56,200	SNIE	LEHE	PEPE	Dist. 10 m	
CTDO								Dist. 6228853 m	
Haps Infauna	10:30:00	40,40	54°72,550	14°56,147	SNIE	LEHE	PEPE	Dist. 34 m	
Haps Chem								Dist. 6228853 m	
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition			
Sediment type:	1b	Sediment description:	Flora:	Drifting red algae and drifting Saccharina latissima	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)	
Clay (%)	0%	Sandy bottom with soft ripples, organic material	Invertebrates:	Dom by tubes from Pygospio elegans (2-10 %), shrimps (<1 %), mobile blue mussels(<1 %) and hydrozoans (<1 %).	0 %	INF_OW2_16	Compact silt, sandy, organic material, some few cobbles	Dark grey	
Mud/silt (%)	5 %				Overall coverage	Smell (Infauna)	Visible species (Infauna)		
Sand (%)	95 %		2-10 %	None	Small polychates, juvenile bivalves				
Gravel (%)	0%		Fish:	None	Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)	
Cobbles <10 cm (%)	0%				0 %				
Boulders >10 cm (%)	0%		Video file id:	OWF2_16			Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)			
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity	
Clay (%)			Invertebrates:		Overall coverage	Depth	Temperature	Remarks	
Mud/silt (%)					Overall coverage				
Sand (%)			Fish:		Overall coverage	Others QA: PEPE, invertebrates and fish changed. Liv			
Gravel (%)									
Cobbles <10 cm (%)			Video file id:						
Boulders >10 cm (%)									

Kunde:	Energinet	Date:	2022-03-04	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	9 m/s	Station:	OWF2_17	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	1,0 m	Note:	Experienced pulling by the ship. Difficult to get good view of bottom	54°73,067	14°59,938	42 m
ROV	Yes	Infauna	Yes	Chemistry	Yes	Expected substrate	Quaternary clay and silt	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	10:46:00	43,20	54°73,077	14°59,970	SNIE	LEHE	PEPE	Dist. 23 m
CTDO								Dist. 6230113 m
Haps Infauna	10:53:00	43,20	54°73,064	14°59,985	SNIE	LEHE	PEPE	Dist. 30 m
Haps Chem	10:56	43,20	54°73,054	14°59,953	SNIE	LEHE	PEPE	Dist. 18 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	1a	Sediment description:	Flora:	None	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%	Silty, muddy bottom, no ripples, organic material possibly eelgrass covering bottom	Invertebrates:	Only visible invertebrates were bivalves spp. (<1-1 %) and shrimps (<1 %)	0 %	INF_OW2_17	Silt, mud, fine sand, eelgrass	Grey, lighter in the top layer, dark grey in the core
Mud/silt (%)	100 %				Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	0%		<1-1 %	Weak smell of sulphur	Small polychaetes, bivalve (Macoma balthica)			
Gravel (%)	0%		Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)		
Cobbles <10 cm (%)	0%		0 %	-	Silt, mud, fine sand, eelgrass.	Grey lighter in the top layer, dark grey in the core		
Boulders >10 cm (%)	0%		Video file id:	OWF2_17		Smell (Chem): Weak sulphur	Visible species (Chem): Small polychaetes, one bivalve (Macoma balthica)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:		Overall coverage	Depth	Temperature	Remarks
Mud/silt (%)								
Sand (%)			Overall coverage	Others	Pulled by the boat, difficult to get a good view of the bottom. QA CELA: species added with percentages, invertebrate coverage changed, sediment description changed etc. Liv			
Gravel (%)								
Cobbles <10 cm (%)			Video file id:					
Boulders >10 cm (%)								

Kunde:	Energinet	Date:	2022-03-04	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	10 m/s	Station:	OWF2_18	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	1,0 m	Note:	-	54°73,247	14°65,484	47 m
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Quaternary clay and silt	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	11:16:00	48,00	54°73,262	14°65,477	SNIE	LEHE	PEPE	Dist. 18 m
CTDO								Dist. 6231387 m
Haps Infauna	11:22:00	48,00	54°73,249	14°65,497	SNIE	LEHE	PEPE	Dist. 9 m
Haps Chem								Dist. 6231387 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	1a	Sediment description:	Flora:	None	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%	Muddy soft silty bottom, no ripples, flat bottom.	Invertebrates:	Dom by holes from invertebrates made by polychaetes or bivalves (<1-1 %); additionally some empty shells (<1 %), shrimp (<1 %)	0 %	INF_OWf2_18	Silty, muddy in the top layer. Organic material (eelgrass).	Grey
Mud/silt (%)	100 %				Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	0%		<1-1 %	Weak smell of sulfur	Juvenile bivalves, small bivalves on the top.			
Gravel (%)	0%		Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)		
Cobbles <10 cm (%)	0%		0 %					
Boulders >10 cm (%)	0%			Fish:	Tracks from flounders			
			Video file id:	OWF2_18	Smell (Chem)	Visible species (Chem)		
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:					
Mud/silt (%)					Overall coverage	Depth	Temperature	Remarks
Sand (%)								
Gravel (%)			Overall coverage	Fish:		Others	AQ: PEPE, invertebrates and fish changed. Liv	
Cobbles <10 cm (%)								
Boulders >10 cm (%)			Video file id:					

Kunde:	Energinet	Date:	2022-03-04	Area:	Baltic Sea	Planned target			
Project:	ENOE	Wind speed (m/s)	10 m/s	Station:	OWF2_19	Northing	Easting	Depth	
Vessel	Skoven	Wave height (m)	1,0 m	Note:	-	54°73,556	14°72,262	47 m	
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Muddy sand		
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance	
ROV	12:00:00	51,10	54°73,567	14°72,225	SNIE	LEHE	PEPE	Dist. 27 m	
CTDO								Dist. 6233045 m	
Haps Infauna	12:06:00	51,10	54°73,554	14°72,262	SNIE	LEHE	PEPE	Dist. 2 m	
Haps Chem								Dist. 6233045 m	
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition			
Sediment type:	1a	Sediment description:	Flora:	None	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)	
Clay (%)	0%	Silty, muddy bottom, no ripples, older tracks from invertebrates, flounder tracks.	Invertebrates:	Very few visible invertebrates; polychaete tubes (<1 %), white bivalves (<1 %) and shrimps	0 %	INF_OWf2_19	Mud, silt, some sand and gravel	Grey	
Mud/silt (%)	100 %				Overall coverage	Smell (Infauna)	Visible species (Infauna)		
Sand (%)	0%		<1 %	None	One polychate				
Gravel (%)	0%		Fish:	Flounder tracks	Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)	
Cobbles <10 cm (%)	0%				0 %				
Boulders >10 cm (%)	0%		Video file id:	OWF2_19		Smell (Chem)	Visible species (Chem)		
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)			
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity	
Clay (%)			Invertebrates:		Overall coverage	Depth	Temperature	Remarks	
Mud/silt (%)									
Sand (%)			Fish:		Overall coverage	Others	QA CELA: species added with percentages, invertebrate coverage changed, sediment description changed etc. Liv		
Gravel (%)									
Cobbles <10 cm (%)			Video file id:						

Kunde:	Energinet	Date:	2022-03-04	Area:	Baltic Sea	Planned target			
Project:	ENOE	Wind speed (m/s)	7 m/s	Station:	OWF2_20	Northing	Easting	Depth	
Vessel	Skoven	Wave height (m)	1,0 m	Note:	-	54°74,218	14°78,815	50 m	
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Muddy sand		
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance	
ROV	12:34:00	55,90	54°74,207	14°78,799	SNIE	MILS	PEPE	Dist. 16 m	
CTDO								Dist. 6235036 m	
Haps Infauna	12:41:00	55,90	54°74,216	14°78,815	SNIE	MILS	PEPE	Dist. 2 m	
Haps Chem								Dist. 6235036 m	
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition			
Sediment type:	1a	Sediment description:	Flora:	Dead eelgrass	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)	
Clay (%)	0%	Soft silty bottom, no ripples.	Invertebrates:	Dom by holes from invertebrates made by polychaetes or bivalves (<1-1%); additionally shrimp (<1 %), tubes from polychaetes (<1%), red polychaete (Scoloplos armiger) (<1 %).	0 %	INF_OWf2_20	Silt, mud	Grey and black spots	
Mud/silt (%)	95 %				Overall coverage	Smell (Infauna)	Visible species (Infauna)		
Sand (%)	5 %		<1-1 %	Smell of sulfur	Few signs of life, maybe a little bivalve.				
Gravel (%)	0%		Fish:	Sand gobies, transparent goby (Aphia minuta) (<1 %), tracks from flounders	Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)	
Cobbles <10 cm (%)	0%				<1 %				
Boulders >10 cm (%)	0%		Video file id:	OWF2_20			Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)			
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity	
Clay (%)			Invertebrates:						
Mud/silt (%)					Overall coverage	Depth	Temperature	Remarks	
Sand (%)			Fish:		Overall coverage	Others AQ: PEPE, invertebrates and fish changed. Liv			
Gravel (%)									
Cobbles <10 cm (%)			Video file id:						
Boulders >10 cm (%)									

Kunde:	Energinet	Date:	2022-03-04	Area:	Baltic Sea	Planned target			
Project:	ENOE	Wind speed (m/s)	6 m/s	Station:	OWF2_21	Northing	Easting	Depth	
Vessel	Skoven	Wave height (m)	1,0 m	Note:	-	54°75,293	14°81,893	51 m	
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Muddy sand		
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance	
ROV	13:01:00	56,20	54°75,289	14°81,905	SNIE	MILS	PEPE	Dist. 9 m	
CTDO								Dist. 6236782 m	
Haps Infauna	13:08:00	56,20	54°75,291	14°81,878	SNIE	MILS	PEPE	Dist. 10 m	
Haps Chem								Dist. 6236782 m	
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition			
Sediment type:	1a	Sediment description:	Flora:	Dead eelgrass	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)	
Clay (%)	0%	Soft muddy/silty bottom, flat and homogenous, tracks from some faunal activity, small holes possibly from bivalves.	Invertebrates:	Only visible invertebrates were very few polychaete tubes (<1 %), bivalves might be buried under silt	0 %	INF_OW2_21	Silt and mud	Grey/black	
Mud/silt (%)	100 %				Overall coverage	Smell (Infauna)	Visible species (Infauna)		
Sand (%)	0%		<1 %	Weak sulphur	Baltic amphipod				
Gravel (%)	0%		Fish:	Sand gobies (<1 %), flounder tracks	Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)	
Cobbles <10 cm (%)	0%				<1 %				
Boulders >10 cm (%)	0%		Video file id:	OWF2_21			Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)			
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity	
Clay (%)			Invertebrates:		Overall coverage	Depth	Temperature	Remarks	
Mud/silt (%)					Overall coverage				
Sand (%)			Fish:		Overall coverage	Others	QA CELA: percentages added to invertebrates, sediment description changed etc. Liv		
Gravel (%)					Overall coverage				
Cobbles <10 cm (%)			Video file id:						

Kunde:	Energinet	Date:	2022-03-04	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	6 m/s	Station:	OWF2_22	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	1,0 m	Note:	-	54°75,946	14°85,647	53 m
ROV	Yes	Infauna	Yes	Chemistry	Yes	Expected substrate	Muddy sand	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	13:33:00	57,40	54°75,942	14°85,650	SNIE	MILS	PEPE	Dist. 5 m
CTDO								Dist. 6238216 m
Haps Infauna	13:39:00	57,40	54°75,952	14°85,634	SNIE	MILS	PEPE	Dist. 11 m
Haps Chem	13:42	57,40	54°75,952	14°85,631	SNIE	MILS	PEPE	Dist. 12 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	1a	Sediment description:	Flora:	Dead eelgrass	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%	Silty, muddy bottom, no ripples, soft bottom.	Invertebrates:	Dom by holes from invertebrates made by polychaetes or bivalves (<1-1 %); additionally shrimp (<1 %), red polychaetes (Scoloplos armiger) (<1 %).	0 %	INF_OWf2_22	Silty, muddy	Darkgrey
Mud/silt (%)	100 %			Fish:	Sand gobies (<1 %), flounder tracks, flounder sp.	Overall coverage	Smell (Infauna)	Visible species (Infauna)
Sand (%)	0%		<1-1 %			Smell of sulfur	A single worm, organic material and dead shells.	
Gravel (%)	0%		Video file id:	OWF2_22	Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)
Cobbles <10 cm (%)	0%				<1 %	-	Silty, muddy	Darkgrey
Boulders >10 cm (%)	0%					Smell (Chem): Sulphur	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:					
Mud/silt (%)				Fish:		Overall coverage	Depth	Temperature
Sand (%)								
Gravel (%)			Video file id:		Overall coverage	Others AQ: PEPE, invertebrates and fish changed. Liv		
Cobbles <10 cm (%)								
Boulders >10 cm (%)								

Kunde:	Energinet	Date:	2022-03-04	Area:	Baltic Sea	Planned target			
Project:	ENOE	Wind speed (m/s)	8 m/s	Station:	OWF2_23	Northing	Easting	Depth	
Vessel	Skoven	Wave height (m)	1,0 m	Note:	-	54°76,913	14°81,437	51 m	
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Quaternary clay and silt		
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance	
ROV	14:00:00	55,50	54°76,907	14°81,419	MILS	PEPE	LEHE	Dist. 14 m	
CTDO								Dist. 6238406 m	
Haps Infauna	14:09:00	55,00	54°76,908	14°81,438	MILS	PEPE	LEHE	Dist. 6 m	
Haps Chem								Dist. 6238406 m	
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition			
Sediment type:	1a	Sediment description:	Flora:	Dead eelgrass	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)	
Clay (%)	0%	Muddy, silty bottom. Small holes and tracks in sediment indicate some faunal life. Possibly old tracks from bottomtrawling.	Invertebrates:	Only visible invertebrates were a bivalve sp. (<1 %), a polychaete tube (<1 %) and a shrimp (<1 %)	0 %	INF_OW2_23	Mud, silt and clay	Gray and brown	
Mud/silt (%)	100 %				Overall coverage	Smell (Infauna)	Visible species (Infauna)		
Sand (%)	0%		Fish:	Sand goby (<1 %)	<1 %	None	None		
Gravel (%)	0%				Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)	
Cobbles <10 cm (%)	0%		Video file id:	OWF2_23					
Boulders >10 cm (%)	0%					Smell (Chem)	Visible species (Chem)		
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)			
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity	
Clay (%)			Invertebrates:						
Mud/silt (%)					Overall coverage	Depth	Temperature	Remarks	
Sand (%)			Fish:		Overall coverage				
Gravel (%)									
Cobbles <10 cm (%)			Video file id:			Others	QA CELA: species added with percentages, invertebrate coverage changed, sediment description changed etc. Liv		
Boulders >10 cm (%)									

Kunde:	Energinet	Date:	2022-03-04	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	8 m/s	Station:	OWF2_24	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	1,3 m	Note:	-	54°75,509	14°75,557	48 m
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Quarternary clay and silt	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	14:34:00	53,10	54°75,502	14°75,561	MILS	PEPE	LEHE	Dist. 8 m
CTDO								Dist. 6235760 m
Haps Infauna	14:42:00	53,00	54°75,497	14°75,555	MILS	PEPE	LEHE	Dist. 13 m
Haps Chem								Dist. 6235760 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	1a	Sediment description:	Flora:	None	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%	Flat soft bottom with mud and silt.	Invertebrates:	Dom by holes and some small "piles" from invertebrates made by polychaetes or bivalves (<1 %); additionally a red polychaete (<1 %)	0 %	INF_OW2_24	Mud and silt, little gravel	Brown on top, the rest is dark-gray
Mud/silt (%)	100 %				Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	0%		<1 %	Weak sulphur smell	Bivalves			
Gravel (%)	0%		Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)		
Cobbles <10 cm (%)	0%		<1 %					
Boulders >10 cm (%)	0%		Video file id:	OWF2_24			Smell (Chem)	Visible species (Chem)
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:					
Mud/silt (%)					Overall coverage	Depth	Temperature	Remarks
Sand (%)								
Gravel (%)			Overall coverage	Others AQ: PEPE, invertebrates and fish changed. Liv				
Cobbles <10 cm (%)								
Boulders >10 cm (%)			Video file id:					

Kunde:	Energinet	Date:	2022-03-04	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	8 m/s	Station:	OWF2_25	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	1,3 m	Note:	Big piece of wood found in HAPS sample	54°75,008	14°69,393	46 m
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Muddy sand	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	15:06:00	48,50	54°75,021	14°69,376	MILS	PEPE	LEHE	Dist. 18 m
CTDO								Dist. 6234019 m
Haps Infauna	15:14:00	48,00	54°75,006	14°69,379	MILS	PEPE	LEHE	Dist. 9 m
Haps Chem								Dist. 6234019 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	1a	Sediment description:	Flora:	Dead eelgrass	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%	Muddy, silty, soft bottom. Homogenous. Holes in sediment indicate some infaunal activity.	Invertebrates:	Dom. by polychaete tubes of Pygospio elegans (1-7 %) (at least two types); additionally white mussels (many shells), mobile Mytilus sp. (<1 %) and a shrimp (<1 %)	0 %	INF_OWf2_25	Fine sand and silt. Gravel. A piece of wood found in sample.	Brown on top, then gray
Mud/silt (%)	100 %		Fish:	Flounder tracks	1-7 %	Weak smell of sulphur	Juvenile bivalves	
Sand (%)	0%		Video file id:	OWF2_25		Photo id (Chem)	Composition (Chem)	Colour (Chem)
Gravel (%)	0%				0 %			
Cobbles <10 cm (%)	0%					Smell (Chem)	Visible species (Chem)	
Boulders >10 cm (%)	0%							
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:					
Mud/silt (%)			Fish:			Depth	Temperature	Remarks
Sand (%)			Video file id:					
Gravel (%)								
Cobbles <10 cm (%)						Others	QA CELA: species added with percentages, invertebrate coverage changed, sediment description changed etc. QA: Liv	
Boulders >10 cm (%)								

Kunde:	Energinet	Date:	2022-03-04	Area:	Baltic Sea	Planned target			
Project:	ENOE	Wind speed (m/s)	8 m/s	Station:	OWF2_26	Northing	Easting	Depth	
Vessel	Skoven	Wave height (m)	1,2 m	Note:	-	54°75,413	14°63,447	42 m	
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Quarternary clay and silt		
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance	
ROV	15:33:00	43,20	54°75,410	14°63,442	MILS	PEPE	LEHE	Dist. 5 m	
CTDO								Dist. 6233283 m	
Haps Infauna	15:41:00	43,20	54°75,416	14°63,426	MILS	PEPE	LEHE	Dist. 14 m	
Haps Chem								Dist. 6233283 m	
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition			
Sediment type:	1a	Sediment description:	Flora:	None	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)	
Clay (%)	0%	Silty bottom. Organic material spread across bottom. One rock. Several tracks from flounders.	Invertebrates:	Dom by tubes from Pygospio elegans (3-7 %), holes from polychaetes (1 %); additionally hydrozoans (<1 %), mobile blue mussels (<1 %), shrimp (<1 %)	0 %	INF_OWf2_26	Silty, sand	Dark gray	
Mud/silt (%)	95 %		Fish:	Flounder track	Overall coverage	Smell (Infauna)	Visible species (Infauna)		
Sand (%)	5 %				2-7 %	None	Many small worms. Macoma balthica, Gammarus sp.		
Gravel (%)	0%				Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)	
Cobbles <10 cm (%)	0%				0 %				
Boulders >10 cm (%)	<1 %			Video file id:	OWF2_26	Smell (Chem)	Visible species (Chem)		
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)			
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity	
Clay (%)			Invertebrates:		Overall coverage	Depth	Temperature	Remarks	
Mud/silt (%)									
Sand (%)									
Gravel (%)				Fish:		Overall coverage	Others AQ: PEPE, invertebrates and fish changed. Liv		
Cobbles <10 cm (%)									
Boulders >10 cm (%)				Video file id:					

Kunde:	Energinet	Date:	2022-03-04	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	7 m/s	Station:	OWF2_27	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	1,3 m	Note:	-	54°74,973	14°57,677	35 m
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Quaternary clay and silt	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	16:00:00	38,00	54°74,974	14°57,682	MILS	SNIE	LEHE	Dist. 3 m
CTDO								Dist. 6231691 m
Haps Infauna	16:08:00	38,00	54°74,981	14°57,678	MILS	SNIE	LEHE	Dist. 9 m
Haps Chem								Dist. 6231691 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	1b	Sediment description:	Flora:	Floating red algae	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%	Silty sandy bottom, wave ripples with a lot of plant material in troughs. Fine-grained sand. One cobble.	Invertebrates:	Dom. by tubes from Pygospio elegans (polychaete) (4-8 %); additionally Mytilus spp. (<1 %) and white bivalves (also shell fragments), shrimps (<1 %), hydrozoans, bryozoans and calcareous worms (Serpulidae) on floating red algae. On cobble: Mytilus spp. (50 %)	0 %	INF_OW2_27	3 cm mud on top, the rest is fine sand	Brown on top, dark gray below
Mud/silt (%)	30 %			Fish:	Sand gobies (<1 %)	Overall coverage	Smell (Infauna)	Visible species (Infauna)
Sand (%)	70 %		4-8 %			None	Worms and a few bivalves	
Gravel (%)	0%		Video file id:	OWF2_27	Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)
Cobbles <10 cm (%)	<1 %				<1 %			
Boulders >10 cm (%)	0%					Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:					
Mud/silt (%)				Fish:		Overall coverage	Depth	Temperature
Sand (%)								
Gravel (%)			Video file id:		Overall coverage	Others	QA CELA: species added with percentages, invertebrate coverage changed, sediment description changed etc.; QA DANJ substrate type and sand coverage has been changed. Liv	
Cobbles <10 cm (%)								
Boulders >10 cm (%)								

Kunde:	Energinet	Date:	2022-03-04	Area:	Baltic Sea	Planned target							
Project:	ENOE	Wind speed (m/s)	8 m/s	Station:	OWF2_28	Northing	Easting	Depth					
Vessel	Skoven	Wave height (m)	1,5 m	Note:	-	54°77,250	14°59,785	31 m					
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Sand						
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance					
ROV	16:30:00	33,50	54°77,245	14°59,769	MILS	SNIE	LEHE	Dist. 12 m					
CTDO								Dist. 6234514 m					
Haps Infauna	14:45:00	33,50	54°77,251	14°59,813	MILS	SNIE	LEHE	Dist. 18 m					
Haps Chem								Dist. 6234514 m					
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition							
Sediment type:	1b	Sediment description:	Flora: None	Invertebrates: Dom by tubes and signs from polychaetes (Pygospio elegans) (3-7%), holes from polychaetes or bivalves (1-3 %), blue mussels (1-3 %) white bivalves (1 %); additionally hydrozoans (<1 %), shrimps (<1 %).	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)					
Clay (%)	0%	Fine grained sandy bottom. Sharp ripples in the bottom. Fine sediment inbetween ripples. A bit of gravel.			Overall coverage	0 %	INF_OWf2_28	(Small sample, no picture) Purely fine sand	Gray				
Mud/silt (%)	9 %				Overall coverage	3-7 %	Smell (Infauna)	None	Visible species (Infauna)	Many worms, one big dark green worm			
Sand (%)	90 %				Overall coverage	<1 %	Photo id (Chem)		Composition (Chem)				
Gravel (%)	1 %				Video file id:	OWF2_28	Smell (Chem)		Visible species (Chem)				
Cobbles <10 cm (%)	0%				ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Boulders >10 cm (%)	0%				Sediment type:		Sediment description:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity	
			Clay (%)		Flora:								
		Mud/silt (%)		Invertebrates:		Overall coverage	Depth	Temperature	Remarks				
		Sand (%)		Fish:									
		Gravel (%)		Overall coverage			Others	Small Haps, no picture. QA: PEPE, invertebrates and fish changed. Liv					
		Cobbles <10 cm (%)		Video file id:									
		Boulders >10 cm (%)											

Kunde:	Energinet	Date:	2022-03-04	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	8 m/s	Station:	OWF2_29	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	1,5 m	Note:	Okay visibility	54°76,363	14°66,635	45 m
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Quaternary clay and silt	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	17:06:00	45,30	54°76,370	14°66,618	MILS	SNIE	LEHE	Dist. 14 m
CTDO								Dist. 6234912 m
Haps Infauna	17:15:00	45,00	54°76,363	14°66,627	MILS	SNIE	LEHE	Dist. 5 m
Haps Chem								Dist. 6234912 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	1a	Sediment description:	Flora:	None	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%	Muddy bottom, very flat and homogenous. Some tracks from faunal activity. A few dents and crevices. Dark spots of plant material.	Invertebrates:	Only few visible invertebrates; polychaete tubes (<1 %) (mainly Pygospio elegans, but at least two types), mobile Mytilus spp. (<1 %) and white mussels (incl. shell fragments), shrimps (<1 %), hydrozoans on Mytilus spp.	0 %	INF_OW2_29	10 cm mud/silt, the rest is sand	Mud and silt is gray. Sand below is green-ish
Mud/silt (%)	100 %				Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	0%		Fish:	Flounder tracks	<1-1 %	None	Juvenile bivalves, plant material, few worms	
Gravel (%)	0%		Video file id:	OWF2_29	Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)
Cobbles <10 cm (%)	0%				0 %			
Boulders >10 cm (%)	0%				Smell (Chem)	Visible species (Chem)		
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:		Overall coverage	Depth	Temperature	Remarks
Mud/silt (%)					Overall coverage	Others QA CELA: species added with percentages, invertebrate coverage changed to interval, sediment description changed etc. Liv		
Sand (%)			Fish:					
Gravel (%)			Video file id:					
Cobbles <10 cm (%)								
Boulders >10 cm (%)								

Kunde:	Energinet	Date:	2022-03-04	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	7 m/s	Station:	OWF2_30	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	1,5 m	Note:	-	54°77,285	14°72,125	46 m
ROV	Yes	Infauna	Yes	Chemistry	Yes	Expected substrate	Quaternary clay and silt	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	17:58:00	49,00	54°77,277	14°72,089	MILS	SNIE	PEPE	Dist. 24 m
CTDO								Dist. 6236965 m
Haps Infauna	18:04:00	49,00	54°77,295	14°72,174	MILS	SNIE	PEPE	Dist. 34 m
Haps Chem	18:07	49,00	54°77,280	14°72,156	MILS	SNIE	PEPE	Dist. 21 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	1a	Sediment description:	Flora:	Dead eelgrass	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%	Silty muddy bottom	Invertebrates:	Dom by holes from infaunal activity made by polychaetes or bivalves (<1-2 %),	0 %	INF_OW2_30	Silt organic material.	Dark grey
Mud/silt (%)	100 %		Fish:	Herring/sprat (<1 %), tracks from flounders	Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	0%				<1-2 %	None	Bivalves	
Gravel (%)	0%		Video file id:	OWF2_30	Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)
Cobbles <10 cm (%)	0%				<1 %	-	Silt organic materials.	Dark grey
Boulders >10 cm (%)	0%					Smell (Chem): Weak sulfur	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:					
Mud/silt (%)			Fish:		Overall coverage	Depth	Temperature	Remarks
Sand (%)								
Gravel (%)			Video file id:					
Cobbles <10 cm (%)								
Boulders >10 cm (%)							Others	AQ: PEPE, invertebrates and fish changed. Liv

Kunde:	Energinet	Date:	2022-03-04	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	7 m/s	Station:	OWF2_31	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	1,5 m	Note:	-	54°77,003	14°77,006	49 m
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Quaternary clay and silt	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	18:27:00	53,20	54°77,005	14°77,018	SNIE	LEHE	PEPE	Dist. 8 m
CTDO								Dist. 6237627 m
Haps Infauna	18:33:00	53,20	54°77,019	14°76,988	SNIE	LEHE	PEPE	Dist. 21 m
Haps Chem								Dist. 6237627 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	1a	Silty/muddy bottom, tracks from fish and invertebrates.	Flora:	None	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%		Invertebrates:	Very few visible invertebrates; polychaete tubes (<1 %) (two types), shrimps (<1 %)	0 %	-	Mud and silt	Dark brown in the top layer, grey underneath
Mud/silt (%)	100 %		Fish:	Herring, gobies (<1 %) and flounder tracks	<1 %	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	0%		Video file id:	OWF2_31	<1 %	Sulphur	Shells from Astarte spp.	
Gravel (%)	0%					Photo id (Chem)	Composition (Chem)	Colour (Chem)
Cobbles <10 cm (%)	0%							
Boulders >10 cm (%)	0%					Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:			Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:					
Mud/silt (%)			Fish:			Depth	Temperature	Remarks
Sand (%)			Video file id:					
Gravel (%)								
Cobbles <10 cm (%)						Others	Photo of the HAPS-sample is missing. QA CELA: species added + percentages. Liv	
Boulders >10 cm (%)								

Kunde:	Energinet	Date:	2022-03-04	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	7 m/s	Station:	OWF2_32	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	1,5 m	Note:	-	54°77,988	14°85,079	52 m
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Quaternary clay and silt	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	19:02:00	56,00	54°77,989	14°85,049	SNIE	LEHE	PEPE	Dist. 19 m
CTDO								Dist. 6240264 m
Haps Infauna	19:11:00	56,00	54°77,994	14°85,125	SNIE	LEHE	PEPE	Dist. 30 m
Haps Chem								Dist. 6240264 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	1a	Sediment description:	Flora:	None	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	2 %	Silty and muddy bottom, sediment in the water column, no ripples in the sediment.	Invertebrates:	Dom by holes from infaunal activity made by polychaetes or bivalves (<1-2 %); additionally "red" polychaete (Scoloplos armiger) (<1 %).	0 %	INF_OWf2_32	Silt, mud, clay, some cobbles	Brown, grey, dark grey
Mud/silt (%)	98 %		Fish:	Herring/sprat, sand gobies, flounders (<1 %)	<1-2 %	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	0%		Video file id:	OWF2_32	Overall coverage	Smell of sulfur	Empty shells from bivalves	
Gravel (%)	0%				<1 %	Photo id (Chem)	Composition (Chem)	Colour (Chem)
Cobbles <10 cm (%)	0%							
Boulders >10 cm (%)	0%					Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:					
Mud/silt (%)			Fish:		Overall coverage	Depth	Temperature	Remarks
Sand (%)			Video file id:					
Gravel (%)								
Cobbles <10 cm (%)						Others	QA: PEPE, invertebrates and fish changed. Liv	
Boulders >10 cm (%)								

Kunde:	Energinet	Date:	2022-03-04	Area:	Baltic Sea	Planned target			
Project:	ENOE	Wind speed (m/s)	7 m/s	Station:	OWF2_33	Northing	Easting	Depth	
Vessel	Skoven	Wave height (m)	1,5 m	Note:	-	54°78,446	14°88,332	53 m	
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Quaternary clay and silt		
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance	
ROV	19:28:00	56,40	54°78,439	14°88,341	SNIE	LEHE	PEPE	Dist. 10 m	
CTDO								Dist. 6241392 m	
Haps Infauna	19:34:00	56,40	54°78,435	14°88,368	SNIE	LEHE	PEPE	Dist. 26 m	
Haps Chem								Dist. 6241392 m	
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition			
Sediment type:	1a	Sediment description:	Flora:	Dead eelgrass	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)	
Clay (%)	0%	Silty/muddy bottom, some tracks from faunal activity.	Invertebrates:	Very few visible invertebrates; polychaete tubes (<1 %) and shrimps (<1 %)	0 %	INF_OWf2_33	Silt and clay	Brown, grey	
Mud/silt (%)	100 %				Overall coverage	Smell (Infauna)	Visible species (Infauna)		
Sand (%)	0%		<1 %	Moderate sulphur	Bivalves (Astartidae).				
Gravel (%)	0%		Fish:	Flounders (<1 %), fourbeard rockling	Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)	
Cobbles <10 cm (%)	0%				<1 %				
Boulders >10 cm (%)	0%		Video file id:	OWF2_33			Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)			
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity	
Clay (%)			Invertebrates:		Overall coverage	Depth	Temperature	Remarks	
Mud/silt (%)					<1 %				
Sand (%)			Fish:		Overall coverage	Others QA CELA: species added + percentages, sediment description changed etc. Liv			
Gravel (%)					<1 %				
Cobbles <10 cm (%)			Video file id:						
Boulders >10 cm (%)									

Kunde:	Energinet	Date:	2022-03-04	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	7 m/s	Station:	OWF2_34	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	1,5 m	Note:	-	54°79,868	14°84,118	50 m
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Quaternary clay and silt	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	19:55:00	53.3	54°79,894	14°84,101	SNIE	LEHE	PEPE	Dist. 31 m
CTDO								Dist. 6242062 m
Haps Infauna	20:01:00	53.3	54°79,873	14°84,102	SNIE	LEHE	PEPE	Dist. 12 m
Haps Chem								Dist. 6242062 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	1a	Sediment description:	Flora:	None	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%	Silty muddy bottom, homogeneous bottom	Invertebrates:	Dom by holes from infaunal activity made by polychaetes or bivalves (<1 %), additionally shrimps (<1 %)	0 %	INF_OWf2_34	Silt/ fine sand, some organic materials, some gravel	Grey/brown
Mud/silt (%)	100 %				Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	0%		<1 %	Weak sulfur	None			
Gravel (%)	0%		Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)		
Cobbles <10 cm (%)	0%		1 %					
Boulders >10 cm (%)	0%		Video file id:	OWF2_34		Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:		Overall coverage	Depth	Temperature	Remarks
Mud/silt (%)								
Sand (%)			Overall coverage	Others AQ: PEPE, invertebrates and fish changed. Liv				
Gravel (%)								
Cobbles <10 cm (%)								
Boulders >10 cm (%)			Video file id:					

Kunde:	Energinet	Date:	2022-03-04	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	7 m/s	Station:	OWF2_35	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	1,5 m	Note:	-	54°79,177	14°77,779	48 m
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Quaternary clay and silt	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	20:26:00	50,90	54°79,195	14°77,796	SNIE	MILS	PEPE	Dist. 23 m
CTDO								Dist. 6240080 m
Haps Infauna	20:32:00	50,90	54°79,179	14°77,755	SNIE	MILS	PEPE	Dist. 16 m
Haps Chem								Dist. 6240080 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	1a	Sediment description:	Flora:	Drifting eelgrass and red algae (possibly Coccotylus)	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%	Silty, muddy bottom, homogeneous and soft, a few cobbles, could be clay underneath silt/mud, small holes from infaunal activity (possibly mussels or worms).	Invertebrates:	Very few visible invertebrates; shrimps (<1 %), polychaetes tubes (<1 %), bivalves (<1 %) (a cockle and white shells) and a jellyfish. On one cobble: attached Mytilus spp. (50 %) and hydrozoans	0 %	INF_OW2_35	Silt and clay in the bottom, a layer of small cobbles.	rown in the top layer, grey underneath
Mud/silt (%)	99 %				Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	0%		<1-2 %	None	No visible species			
Gravel (%)	0%		Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)		
Cobbles <10 cm (%)	1 %						<1 %	
Boulders >10 cm (%)	0%		Video file id:	OWF2_35		Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:		Overall coverage	Depth	Temperature	Remarks
Mud/silt (%)								
Sand (%)			Overall coverage	Video file id:				
Gravel (%)								
Cobbles <10 cm (%)								
Boulders >10 cm (%)								

Kunde:	Energinet	Date:	2022-03-04	Area:	Baltic Sea	Planned target			
Project:	ENOE	Wind speed (m/s)	8 m/s	Station:	OWF2_36	Northing	Easting	Depth	
Vessel	Skoven	Wave height (m)	1,5 m	Note:	-	54°79,977	14°72,387	45 m	
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Quarternary clay and silt		
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance	
ROV	20:55:00	44,10	54°79,991	14°72,398	SNIE	MILS	PEPE	Dist. 18 m	
CTDO								Dist. 6239866 m	
Haps Infauna	21:01:00	44,10	54°79,978	14°72,385	SNIE	MILS	PEPE	Dist. 2 m	
Haps Chem								Dist. 6239866 m	
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition			
Sediment type:	1a	Sediment description:	Flora:	Drifting makroalgae and eel grass	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)	
Clay (%)	0%	Silty muddy bottom, homogeneous, clay underneath.	Invertebrates:	Dom by tubes possible from pygospio elegans (2-4 %) and holes from infaunal activity made by polychaetes or bivalves (1-2 %).	0 %	INF_OWf2_36	Sand, silt, clay	Grey and light brown	
Mud/silt (%)	100 %			Overall coverage	Smell (Infauna)	Visible species (Infauna)			
Sand (%)	0%		2-4 %	None	Polychaete and a bivalve				
Gravel (%)	0%		Fish:	European flounders (<1 %) and flounder tracks.	Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)	
Cobbles <10 cm (%)	0%				<1 %				
Boulders >10 cm (%)	0%		Video file id:	OWF2_36			Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)			
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity	
Clay (%)			Invertebrates:						
Mud/silt (%)				Overall coverage	Depth	Temperature	Remarks		
Sand (%)			Fish:		Overall coverage	Others AQ: PEPE, invertebrates and fish changed. Liv			
Gravel (%)									
Cobbles <10 cm (%)			Video file id:						
Boulders >10 cm (%)									

Kunde:	Energinet	Date:	2022-03-04	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	10 m/s	Station:	OWF2_37	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	1,5 m	Note:	-	54°78,051	14°67,407	43 m
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Quaternary clay and silt	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	21:24:00	44,00	54°78,078	14°67,369	SNIE	MILS	PEPE	Dist. 38 m
CTDO								Dist. 6236851 m
Haps Infauna	21:31:00	44,00	54°78,050	14°67,401	SNIE	MILS	PEPE	Dist. 4 m
Haps Chem								Dist. 6236851 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	1a	Sediment description:	Flora:	None	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%	Silty bottom, organic material, mixture of fine sand and silt, homogenous seabed	Invertebrates:	Only few visible invertebrates; bivalves spp. (<1-1 %) (incl. Astarte spp. and white shells) and polychaete tubes of Pygospio elegans (<1 %)	0%	INF_OWf2_37	Fine sand, silt, organic material	Ligh brown in the top layer and grey below
Mud/silt (%)	40 %				Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	60 %		<1-1 %	None	Tubes from polychates (Pygospio elegans)			
Gravel (%)	0%		Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)		
Cobbles <10 cm (%)	0%		<1 %					
Boulders >10 cm (%)	0%		Video file id:	OWF2_37		Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:					
Mud/silt (%)					Overall coverage	Depth	Temperature	Remarks
Sand (%)								
Gravel (%)			Overall coverage	Others	QA CELA: species added + percentages, sediment description changed, sediment percentages changed, etc. Liv			
Cobbles <10 cm (%)								
Boulders >10 cm (%)			Video file id:					

Kunde:	Energinet	Date:	2022-03-04	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	7 m/s	Station:	OWF2_38	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	1,5 m	Note:	HAPS is only a half sample	54°78,785	14°63,136	32 m
ROV	Yes	Infauna	Yes	Chemistry	Yes	Expected substrate	Sand	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	21:49:00	34,90	54°78,802	14°63,124	SNIE	MILS	PEPE	Dist. 21 m
CTDO								Dist. 6236793 m
Haps Infauna	21:55:00	34,90	54°78,798	14°63,133	SNIE	MILS	PEPE	Dist. 15 m
Haps Chem	22:02	34,90	54°78,768	14°63,106	SNIE	MILS	PEPE	Dist. 27 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	1b	Sediment description:	Flora:	Drifting eelgrass	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%	Sandy bottom, small wave ripples, organic material floating around.	Invertebrates:	Dom. by tubes from Pygospio elegans (3-8 %), mobile blue mussels (<1-2 %); additionally shrimps (<1 %), barnacles (<1 %).	0 %	INF_OW2_38	Fine sand, organic material	Grey
Mud/silt (%)	0%				Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	100 %		2-8 %	None	Shells and bivalves			
Gravel (%)	0%		Fish:	Sand goby (<1 %)	Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)
Cobbles <10 cm (%)	0%				<1 %	ChemicalHapsOWF2_38	Fine sand, organic material	Grey
Boulders >10 cm (%)	0%		Video file id:	OWF2_38		Smell (Chem): None	Visible species (Chem): Shells and bivalves	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:		Overall coverage	Depth	Temperature	Remarks
Mud/silt (%)					Overall coverage	Others	QA: PEPE, invertebrates and fish changed. Liv	
Sand (%)								
Gravel (%)								
Cobbles <10 cm (%)			Fish:					
Boulders >10 cm (%)			Video file id:					

Kunde:	Energinet	Date:	2022-03-05	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	5 m/s	Station:	OWF2_39	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	0,5	Note:	-	54°80,935	14°66,541	35 m
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Sand	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	06:07:00	35,60	54°80,947	14°66,541	MILS	PEPE	LEHE	Dist. 14 m
CTDO								Dist. 6239735 m
Haps Infauna	06:16:00	35,60	54°80,939	14°66,552	MILS	PEPE	LEHE	Dist. 8 m
Haps Chem								Dist. 6239735 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	1b	Sediment description:	Flora:	None	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%	Sandy bottom (fine grained) with wave ripples. In between ripples is organic material.	Invertebrates:	Dom. by Pygospio elegans tubes (polychaete) (5-10 %); additionally mobile Mytilus spp. (<1 %) with barnacles on and white mussels (incl. shell fragments)	0 %	INF_OWf2_39	Fine sand with organic material on top	Brown on the very top, the rest gray
Mud/silt (%)	10 %		Fish:	Sand goby (<1 %)	5-10 %	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	90 %		Video file id:	OWF2_39	Overall coverage	None	Many small worms and small mussels	
Gravel (%)	0%				<1 %	Photo id (Chem)	Composition (Chem)	Colour (Chem)
Cobbles <10 cm (%)	0%					Smell (Chem)	Visible species (Chem)	
Boulders >10 cm (%)	0%							
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:		Overall coverage	Depth	Temperature	Remarks
Mud/silt (%)			Fish:		Overall coverage	Others QA CELA: species added with percentages, invertebrate coverage changed to interval. Liv		
Sand (%)			Video file id:					
Gravel (%)								
Cobbles <10 cm (%)								
Boulders >10 cm (%)								

Kunde:	Energinet	Date:	2022-03-05	Area:	Baltic Sea	Planned target			
Project:	ENOE	Wind speed (m/s)	6 m/s	Station:	OWF2_40	Northing	Easting	Depth	
Vessel	Skoven	Wave height (m)	0,5	Note:	-	54°80,001	14°68,850	40 m	
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Quaternary clay and silt		
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance	
ROV	06:31:00	41,00	54°80,009	14°68,845	MILS	PEPE	LEHE	Dist. 10 m	
CTDO								Dist. 6239198 m	
Haps Infauna	06:39:00	41,00	54°79,977	14°68,856	MILS	PEPE	LEHE	Dist. 26 m	
Haps Chem								Dist. 6239198 m	
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition			
Sediment type:	1a	Sediment description:	Flora:	None	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)	
Clay (%)	0%	Flat silty bottom, some organic material accumulated in piles. No ripples.	Invertebrates:	Dom by small holes indicating some infaunal activity made by polychaetes or bivalves (<1-1 %). Tubes from Pygospio elegans (<1-1 %); additionally mobile blue mussels (<1 %), red polychaete (Scoloplos armiger) (<1 %)	0 %	INF_OW2_40	Silt and sand. Some organic material in layers inside sediment core	Sand-color	
Mud/silt (%)	80 %				Overall coverage	Smell (Infauna)	Visible species (Infauna)		
Sand (%)	20 %		Fish:	Sand gobies (<1 %). Flounder tracks.	<1-1 %	None	Many small worms		
Gravel (%)	0%		Video file id:	OWF2_40	Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)	
Cobbles <10 cm (%)	0%				<1 %				
Boulders >10 cm (%)	0%					Smell (Chem)	Visible species (Chem)		
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)			
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity	
Clay (%)			Invertebrates:						
Mud/silt (%)					Overall coverage	Depth	Temperature	Remarks	
Sand (%)			Fish:		Overall coverage	Others QA: PEPE, invertebrates and fish changed. Liv			
Gravel (%)									
Cobbles <10 cm (%)			Video file id:						
Boulders >10 cm (%)									

Kunde:	Energinet	Date:	2022-03-05	Area:	Baltic Sea	Planned target			
Project:	ENOE	Wind speed (m/s)	5 m/s	Station:	OWF2_41	Northing	Easting	Depth	
Vessel	Skoven	Wave height (m)	0,5	Note:	-	54°82,336	14°69,338	34 m	
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Quarternary clay and silt		
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance	
ROV	06:57:00	38,00	54°82,362	14°69,344	MILS	PEPE	LEHE	Dist. 29 m	
CTDO								Dist. 6241767 m	
Haps Infauna	07:05:00	38,00	54°82,352	14°69,345	MILS	PEPE	LEHE	Dist. 18 m	
Haps Chem								Dist. 6241767 m	
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition			
Sediment type:	1b	Sediment description:	Flora:	None	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)	
Clay (%)	0%	Sandy bottom with a lot of organic material between weak ripples. Many small holes and tracks in the sediment. A piece of plastic (possibly plastic bag) and a beer can.	Invertebrates:	Dom. by tubes from polychaetes (<1-2 %) (mainly Pygospio elegans, but at least two types), mobile Mytilus spp. (<1-1 %) with barnacles on and white mussels (mostly shell fragments); additionally shrimps	0	INF_OW2_41	Mostly fine sand, and some silt and organic material	Sandy/gray	
Mud/silt (%)	30 %				Overall coverage	Smell (Infauna)	Visible species (Infauna)		
Sand (%)	70 %		<1-2 %	None	Unknown invertebrate, worm tubes, and few bivalves				
Gravel (%)	0%		Fish:	European flounder, sand gobies (<1 %)	Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)	
Cobbles <10 cm (%)	0%				<1 %				
Boulders >10 cm (%)	0%		Video file id:	OWF2_41			Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)			
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity	
Clay (%)			Invertebrates:						
Mud/silt (%)					Overall coverage	Depth	Temperature	Remarks	
Sand (%)			Fish:		Overall coverage	Others	QA CELA: species added with percentages, invertebrate coverage changed to interval, sediment description extended; QA DANJ substrate type and sand coverage has been changed. Liv		
Gravel (%)									
Cobbles <10 cm (%)			Video file id:						
Boulders >10 cm (%)									

Kunde:	Energinet	Date:	2022-03-05	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	8 m/s	Station:	OWF2_42	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	0,5	Note:	-	54°82,060	14°76,191	45 m
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Quaternary clay and silt	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	07:26:00	45,30	54°82,049	14°76,222	MILS	PEPE	LEHE	Dist. 23 m
CTDO								Dist. 6242818 m
Haps Infauna	07:36:00	45,30	54°82,065	14°76,225	MILS	PEPE	LEHE	Dist. 22 m
Haps Chem								Dist. 6242818 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	1a	Sediment description:	Flora:	None	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%	Silty and fine grained sand bottom. No wave ripples. Particulate organic matter on sediment.	Invertebrates:	Dom. by tubes from polychaetes (Pygospio elegans) (3-9 %), and small holes indicating some infaunal activity made by polychaetes or bivalves (<1-1 %); additionally shrimps, red polychaete (<1 %)	0 %	INF_OWf2_42	Silty sandy, a bit of organic material	Gray
Mud/silt (%)	70 %		Fish:	Sand goby (<1 %), flounder tracks	Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	30 %		Video file id:	OWF2_42	3-9 %	None	Tubes from worms, bivalves	
Gravel (%)	0%				Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)
Cobbles <10 cm (%)	0%				<1 %			
Boulders >10 cm (%)	0%					Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:					
Mud/silt (%)			Fish:		Overall coverage	Depth	Temperature	Remarks
Sand (%)			Video file id:					
Gravel (%)					Overall coverage			
Cobbles <10 cm (%)						Others	QA: PEPE, invertebrates and fish changed, QA DANJ substrate type has been changed. Liv	
Boulders >10 cm (%)								

Kunde:	Energinet	Date:	2022-03-05	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	5 m/s	Station:	OWF2_43	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	0,5	Note:	-	54°80,965	14°80,296	48 m
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Quarternary clay and silt	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	08:21:00	49,00	54°80,988	14°80,299	MILS	PEPE	LEHE	Dist. 26 m
CTDO								Dist. 6242467 m
Haps Infauna	08:29:00	49,00	54°80,969	14°80,280	MILS	PEPE	LEHE	Dist. 11 m
Haps Chem								Dist. 6242467 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	1a	Sediment description:	Flora:	None	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%	Soft muddy bottom. No ripples in bottom. Otherwise homogenous and flat bottom.	Invertebrates:	Dom by tubes from polychaetes (Pygospio elegans) (7-15 %), and shrimps (<1 %), red polychaetes (Scoloplus armiger) (<1 %)	0 %	INF_OWf2_43	1-2 cm mud on top, the rest is fine sand and a bit of gravel	The mud is brown, the fine sand is gray-ish
Mud/silt (%)	100 %		Fish:	Sand goby (<1 %), flounder tracks.	Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	0%				7-15 %	None	Worms, and bivalves (perhaps Macoma balthica)	
Gravel (%)	0%		Video file id:	OWF2_43	Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)
Cobbles <10 cm (%)	0%				<1 %			
Boulders >10 cm (%)	0%					Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:					
Mud/silt (%)			Fish:		Overall coverage	Depth	Temperature	Remarks
Sand (%)								
Gravel (%)			Video file id:			Others	QA: PEPE, invertebrates changed. Liv	
Cobbles <10 cm (%)								
Boulders >10 cm (%)								

Kunde:	Energinet	Date:	2022-03-05	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	-	Station:	OWF2_44	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	-	Note:	-	54°80,911	14°89,054	51 m
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Quarternary clay and silt	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	08:59:00	54,30	54°80,923	14°89,033	MILS	SNIE	LEHE	Dist. 19 m
CTDO								Dist. 6244142 m
Haps Infauna	09:08:00	54,00	54°80,910	14°89,055	MILS	SNie	LEHE	Dist. 1 m
Haps Chem								Dist. 6244142 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	1a	Sediment description:	Flora:	None	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%	Soft bottom, with some sand in it as well. Some crevices (perhaps clay). Drifting plant material. A piece of limestone. Otherwise, the bottom is very homogenous and flat.	Invertebrates:	Dom. by tubes from polychaetes (Pygospio elegans) (<1-1%), and small holes indicating some infaunal activity made by polychaetes or bivalves (<1% %); additionally one bivalve (<1%), hydrozoans on a rock (<1 %)	0 %	INF_OW2_44	Silt on top, then sand. The bottom 10cm is clay	Brown and gray
Mud/silt (%)	70 %		Fish:	Sand gobies (<1%), cave-systems (made by fourbeard rockling)	<1-1 %	None	Smell (Infauna)	Visible species (Infauna)
Sand (%)	30 %		Video file id:	OWF2_44	Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)
Gravel (%)	0%				<1 %			
Cobbles <10 cm (%)	0%							
Boulders >10 cm (%)	<1 %							
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:		Overall coverage	Depth	Temperature	Remarks
Mud/silt (%)								Out of function
Sand (%)								
Gravel (%)								
Cobbles <10 cm (%)								
Boulders >10 cm (%)							Others	QQ: PEPE, invertebrates and fish changed, QA DANJ substrate type and sediment coverage has been changed. Liv

Kunde:	Energinet	Date:	2022-03-05	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	7 m/s	Station:	OWF2_45	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	0,7	Note:	-	54°82,437	14°91,465	50 m
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Quarternary clay and silt	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	09:25:00	52,20	54°82,457	14°91,457	MILS	SNIE	LEHE	Dist. 23 m
CTDO								Dist. 6246234 m
Haps Infauna	09:36:00	52,00	54°82,438	14°91,488	MILS	SNIE	LEHE	Dist. 15 m
Haps Chem								Dist. 6246234 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	1a	Sediment description:	Flora:	None	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%	Soft bottom, flat with no ripples, covered with many tubes from polychaetes. Relatively firm bottom.	Invertebrates:	Dom by many tubes from polychaetes (Pygospio elegans) (20-40 %); additionally hydrozoans (<1 %), shrimps (<1 %).	0 %	INF_OWf2_45	Silt in top cm then sand down to 10 cm. Rest is clay (a bit of gravel as well)	Brown on top, then darker gray
Mud/silt (%)	60 %		Fish:	European flounder, goby (<1 %)	Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	30 %				20-40 %	None	Many small worms in tubes, some bivalves.	
Gravel (%)	10 %				Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)
Cobbles <10 cm (%)	0%				<1 %			
Boulders >10 cm (%)	0%							
Video file id:				OWF2_45		Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:		Overall coverage	Depth	Temperature	Remarks
Mud/silt (%)			Fish:		Overall coverage	Others QA: PEPE, invertebrates changed. Liv		
Sand (%)								
Gravel (%)			Video file id:					
Cobbles <10 cm (%)								
Boulders >10 cm (%)								

Kunde:	Energinet	Date:	2022-03-05	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	7 m/s	Station:	OWF2_46	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	0,7	Note:	-	54°83,503	14°86,913	47 m
ROV	Yes	Infauna	Yes	Chemistry	Yes	Expected substrate	Quaternary clay and silt	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	09:53:00	48,00	54°83,495	14°86,919	MILS	SNIE	LEHE	Dist. 10 m
CTDO								Dist. 6246459 m
Haps Infauna	10:03:00	48,00	54°83,498	14°86,902	MILS	SNIE	LEHE	Dist. 9 m
Haps Chem	10:06	48,00	54°83,500	14°86,888	MILS	SNIE	PEPE	Dist. 16 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	1a	Sediment description:	Flora:	None	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	9 %	Soft silty bottom. Sporadic dents from infaunal activity. Top layer is silt and mud, but previous haps-samples show sand underneath. Some clay formations pop up as well.	Invertebrates:	Dom. by tubes from polychaetes (Pygospio elegans) (10-30 %), and small holes indicating some infaunal activity made by polychaetes or bivalves (1 %); additionally hydrozoans (<1 %).	0%	INF_OW2_46	Silt, clay, few cobbles	Light brown, light grey
Mud/silt (%)	90 %		Fish:	European flounder (<1 %), and flounder tracks	Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	0%				10-30 %	None	Tubes and polychaetes	
Gravel (%)	0%				Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)
Cobbles <10 cm (%)	1 %				<1%	Chemical haps OWF2_46		
Boulders >10 cm (%)	0%			Video file id:	OWF2_46	Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:					
Mud/silt (%)			Fish:		Overall coverage	Depth	Temperature	Remarks
Sand (%)								
Gravel (%)					Overall coverage	Others AQ: PEPE, invertebrates and fish changed. Liv		
Cobbles <10 cm (%)			Video file id:					
Boulders >10 cm (%)								

Kunde:	Energinet	Date:	2022-03-05	Area:	Baltic Sea	Planned target			
Project:	ENOE	Wind speed (m/s)	7 m/s	Station:	OWF2_47	Northing	Easting	Depth	
Vessel	Skoven	Wave height (m)	0,7	Note:	Two attempts to get the HAPS-sample	54°82,492	14°82,142	46 m	
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Quaternary clay and silt		
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance	
ROV	10:30:00	48.3	54°82,518	14°82,159	SNIE	LEHE	PEPE	Dist. 31 m	
CTDO								Dist. 6244447 m	
Haps Infauna	10:38:00	48.3	54°82,495	14°82,148	SNIE	LEHE	PEPE	Dist. 5 m	
Haps Chem								Dist. 6244447 m	
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition			
Sediment type:	1a	Sediment description:	Flora:	None	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)	
Clay (%)	0%	Soft bottom, silt, and fine sand.	Invertebrates:	Dom by high abundance of tubes from polychaetes (Pygospio elegans) (5-10 %), red polychaete (Scoloplos armiger).	0 %	INF_OWf2_47	2 cm mud/silt, fine sand below, gravel	Top layer: dark grey, grey below	
Mud/silt (%)	70 %				Overall coverage	Smell (Infauna)	Visible species (Infauna)		
Sand (%)	30 %		5-10 %	None	One bivalve, tubes and polychaetes				
Gravel (%)	0%		Fish:	Sand gobies (<1 %)	Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)	
Cobbles <10 cm (%)	0%				<1 %				
Boulders >10 cm (%)	0%		Video file id:	OWF2_47			Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)			
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity	
Clay (%)			Invertebrates:		Overall coverage	Depth	Temperature	Remarks	
Mud/silt (%)					Overall coverage				
Sand (%)			Fish:		Overall coverage	Others QA: PEPE, invertebrates changed. Liv			
Gravel (%)									
Cobbles <10 cm (%)			Video file id:						
Boulders >10 cm (%)									

Kunde:	Energinet	Date:	2022-03-05	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	7.1	Station:	OWF2_48	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	0,7	Note:	-	54°83,414	14°72,419	37 m
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Quarternary clay and silt	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	11:05:00	39,20	54°83,425	14°72,422	SNIE	LEHE	PEPE	Dist. 12 m
CTDO								Dist. 6243511 m
Haps Infauna	11:12:00	39,20	54°83,419	14°72,416	SNIE	LEHE	PEPE	Dist. 6 m
Haps Chem								Dist. 6243511 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	1b	Sediment description:	Flora:	None	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%	Sand, silt, moderate wave ripples, organic material.	Invertebrates:	Dom. by tubes from polychaetes (Pygospio elegans) (2-10 %); additionally a mobile cluster with blue mussels (<1 %), shrimp (<1 %).	0 %	INF_OWf2_48	Silt, mud, silt below	Brown in the top layer, grey below
Mud/silt (%)	20 %		Fish:	Sand goby (<1 %)	Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	80 %		Video file id:	OWF2_48	2-10 %	Black lumps of sulfur smell	Polychaetes, bivalves (Macoma balthica and Arctica islandica).	
Gravel (%)	0%				Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)
Cobbles <10 cm (%)	0%				<1 %			
Boulders >10 cm (%)	0%					Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:					
Mud/silt (%)			Fish:		Overall coverage	Depth	Temperature	Remarks
Sand (%)			Video file id:					
Gravel (%)					Overall coverage			
Cobbles <10 cm (%)						Others	QA: PEPE, invertebrates and fish changed. Liv	
Boulders >10 cm (%)								

Kunde:	Energinet	Date:	2022-03-05	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	6 m/s	Station:	OWF2_49	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	0,4	Note:	-	54°86,144	14°75,268	38 m
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Sand	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	11:33:00	37.1	54°86,161	14°75,265	SNIE	LEHE	PEPE	Dist. 19 m
CTDO								Dist. 6246959 m
Haps Infauna	11:40:00	37.1	54°86,145	14°75,288	SNIE	LEHE	PEPE	Dist. 13 m
Haps Chem								Dist. 6246959 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	1b	Sediment description:	Flora:	Drifting (Furcellaria lumbricalis (<1 %) and Saccharina latissima)	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%	sandy bottom, some organic material	Invertebrates:	Dom by tubes of Pygospio elegans (2-5 %); Additionally some mobile clusters of blue mussels (<1 %), barnacles (<1 %), bryozoans (<1 %)	0 %	INF_OW2_49	Silt top layer, fine sand below	Light brwon
Mud/silt (%)	20 %				Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	80 %				2-5 %	Some sulfur smell from black lumps.	Tubes from polychaetes, bivalve	
Gravel (%)	0%		Fish:	Sand goby (<1 %)	Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)
Cobbles <10 cm (%)	0%				<1 %			
Boulders >10 cm (%)	0%		Video file id:	OWF2_49		Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:					
Mud/silt (%)					Overall coverage	Depth	Temperature	Remarks
Sand (%)								
Gravel (%)			Fish:		Overall coverage	Others QA: PEPE, invertebrates changed. Liv		
Cobbles <10 cm (%)								
Boulders >10 cm (%)			Video file id:					

Kunde:	Energinet	Date:	2022-03-05	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	4,5 m/s	Station:	OWF2_50	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	0,3	Note:	-	54°84,496	14°78,593	43 m
ROV	Yes	Infauna	Yes	Chemistry	Yes	Expected substrate	Quaternary clay and silt	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	12:09:00	42,40	54°84,499	14°78,591	SNIE	MILS	PEPE	Dist. 3 m
CTDO								Dist. 6245869 m
Haps Infauna	12:15:00	42,40	54°84,502	14°78,589	SNIE	MILS	PEPE	Dist. 7 m
Haps Chem	12:18	42,40	54°84,500	14°78,585	SNIE	MILS	PEPE	Dist. 6 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	1a	Sediment description:	Flora:	None	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%	Flat silty and sandy bottom, some organic particles.	Invertebrates:	Dom. by tubes from Pygospio elegans (1-2 %), holes in the bottom from either polychaetes or bivalves (<1-2 %), shrimps (<1 %)	0 %	INF_OWf2_50	sand (75 %), silt (25 %), a bit of clay	Light brown top layer, grey below
Mud/silt (%)	70 %			Fish:	Sand goby, flounder (<1 %), flounder tracks	<1-2 %	Smell (Infauna)	Visible species (Infauna)
Sand (%)	30 %		Video file id:		OWF2_50	Overall coverage	None	mussels and bivalves
Gravel (%)	0%			<1 %		Photo id (Chem)	Composition (Chem)	Colour (Chem)
Cobbles <10 cm (%)	0%		Smell (Chem): None	Visible species (Chem): None				
Boulders >10 cm (%)	0%							
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:					
Mud/silt (%)				Fish:		Overall coverage	Depth	Temperature
Sand (%)			Video file id:				Others	QA: PEPE, invertebrates and fish changed. Liv
Gravel (%)								
Cobbles <10 cm (%)								
Boulders >10 cm (%)								

Kunde:	Energinet	Date:	2022-03-05	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	4 m/s	Station:	OWF2_51	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	0,3	Note:	-	54°85,542	14°83,365	42 m
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Quaternary clay and silt	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	12:43:00	42,90	54°85,550	14°83,350	SNIE	MILS	PEPE	Dist. 13 m
CTDO								Dist. 6247914 m
Haps Infauna	12:50:00	42,90	54°85,548	14°83,357	SNIE	MILS	PEPE	Dist. 9 m
Haps Chem								Dist. 6247914 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	1a	Sediment description:	Flora:	Drifting red bushes	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%	Flat homogeneous bottom with fine sediments. Few rocks.	Invertebrates:	Dom by tubes of Pygospio elegans (5-10 %), and few red polychaetes (Scoloplos armiger) (<1 %); rocks dom by attached blue mussels (1 %) with barnacles (<1 %), hydrozoans.	0 %	INF_OW2_51	Silt, sand, clay in the bottom, some gravel	Lighbrown
Mud/silt (%)	70 %		Fish:	Shorthorn sculpin (Myoxocephalus scorpius), sand goby (<1 %), flounder tracks.	Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	30 %				5-10 %	None	Tubes from polychaetes	
Gravel (%)	0%		Video file id:	OWF2_51	Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)
Cobbles <10 cm (%)	0%				<1 %			
Boulders >10 cm (%)	<1%					Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:					
Mud/silt (%)			Fish:		Overall coverage	Depth	Temperature	Remarks
Sand (%)								
Gravel (%)			Video file id:		Overall coverage	Others QA: PEPE, invertebrates changed. Liv		
Cobbles <10 cm (%)								
Boulders >10 cm (%)								

Kunde:	Energinet	Date:	2022-03-05	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	4 m/s	Station:	OWF2_52	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	0,3	Note:	Two attempts to get the HAPS sample	54°85,029	14°88,875	45 m
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Quarternary clay and silt	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	13:13:00	44,30	54°85,033	14°88,823	SNIE	MILS	PEPE	Dist. 33 m
CTDO								Dist. 6248461 m
Haps Infauna	13:23:00	44,30	54°85,043	14°88,830	SNIE	MILS	PEPE	Dist. 32 m
Haps Chem								Dist. 6248461 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	1a	Sediment description:	Flora:	None	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%	Flat silty, muddy, soft bottom, organic material, some current in the area	Invertebrates:	Dom. by tubes from <i>Pygospio elegans</i> (5-15 %), holes in the bottom from either polychaetes or bivalves (1-2 %), shrimps (<1 %), bivalves sticking up from the sediment (<1 %)	0 %	INF_OWf2_52	Sand, silt, clay in the bottom, some gravel	Light brown and grey
Mud/silt (%)	80 %		Fish:	None	Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	20 %		Video file id:	OWF2_52	5-15 %	None	Small polychaetes	
Gravel (%)	0%				Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)
Cobbles <10 cm (%)	0%				<1 %			
Boulders >10 cm (%)	0%					Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:		Overall coverage	Depth	Temperature	Remarks
Mud/silt (%)			Fish:		Overall coverage	Others QA: PEPE, invertebrates and fish changed. Liv		
Sand (%)			Video file id:					
Gravel (%)								
Cobbles <10 cm (%)								
Boulders >10 cm (%)								

Kunde:	Energinet	Date:	2022-03-05	Area:	Baltic Sea	Planned target			
Project:	ENOE	Wind speed (m/s)	3 m/s	Station:	OWF2_53	Northing	Easting	Depth	
Vessel	Skoven	Wave height (m)	0,3	Note:	-	54°84,189	14°92,529	48 m	
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Quarternary clay and silt		
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance	
ROV	13:42:00	51,50	54°84,194	14°92,497	SNIE	MILS	PEPE	Dist. 21 m	
CTDO								Dist. 6248297 m	
Haps Infauna	13:48:00	51,50	54°84,189	14°92,530	SNIE	MILS	PEPE	Dist. 1 m	
Haps Chem								Dist. 6248297 m	
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition			
Sediment type:	1a	Sediment description:	Flora:	None	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)	
Clay (%)	0%	Soft bottom, silty flat bottom.	Invertebrates:	Dom by tracks from infauna made by polychaetes (<1 %); additionally shrimps (<1 %), some worms sticking up from the sediment (<1 %), a small cluster of blue mussels (<1 %)	0 %	INF_OWf2_53	Fine sand on top, then silt. Clay below	Light-brown on top, gray below.	
Mud/silt (%)	70 %				Overall coverage	Smell (Infauna)	Visible species (Infauna)		
Sand (%)	30 %				<1 %	None	Small worms, and some organic material		
Gravel (%)	0%		Fish:	Sand gobies (<1 %), flounder tracks.	Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)	
Cobbles <10 cm (%)	0%				<1 %				
Boulders >10 cm (%)	0%		Video file id:	OWF2_53			Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)			
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity	
Clay (%)			Invertebrates:		Overall coverage	Depth	Temperature	Remarks	
Mud/silt (%)					Overall coverage				
Sand (%)					Overall coverage				
Gravel (%)			Fish:		Overall coverage	Others	QA: PEPE, invertebrates changed. Liv		
Cobbles <10 cm (%)									
Boulders >10 cm (%)			Video file id:						

Kunde:	Energinet	Date:	2022-03-05	Area:	Baltic Sea	Planned target			
Project:	ENOE	Wind speed (m/s)	5 m/s	Station:	OWF2_54	Northing	Easting	Depth	
Vessel	Skoven	Wave height (m)	0,4	Note:	Small HAPS sample	54°85,779	14°95,842	49 m	
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Quaternary clay and silt		
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance	
ROV	14:11:00	49,00	54°85,784	14°95,856	MILS	PEPE	LEHE	Dist. 10 m	
CTDO								Dist. 6250636 m	
Haps Infauna	14:20:00	49,00	54°85,786	14°95,831	MILS	PEPE	LEHE	Dist. 10 m	
Haps Chem								Dist. 6250636 m	
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition			
Sediment type:	2	Sediment description:	Flora:	None	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)	
Clay (%)	0%	Silty bottom with many cobbles and boulders.	Invertebrates:	Rocks: Dom by attached blue mussels (5-15%), hydrozoans (<1-2%), Tunicates (<1%), barnacles (<1 %). Mytilus on rocks 25-60%. Substrate	0 %	INF_OWf2_54	Sand, silt, gravel and rocks in the top half. Bottom half is clay.	mixed sandy. Darker at bottom	
Mud/silt (%)	50 %				Overall coverage	Smell (Infauna)	Visible species (Infauna)		
Sand (%)	0%		Fish:	None	2-7 %	None	Gammarus, bivalves. Cumacea sp.		
Gravel (%)	20 %				Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)	
Cobbles <10 cm (%)	25 %				0 %				
Boulders >10 cm (%)	5 %		Video file id:	OWF2_54			Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)			
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity	
Clay (%)			Invertebrates:		Overall coverage	Depth	Temperature	Remarks	
Mud/silt (%)					Overall coverage	Others QA: PEPE, invertebrates and fish changed. Liv			
Sand (%)			Overall coverage						
Gravel (%)			Overall coverage						
Cobbles <10 cm (%)			Fish:						
Boulders >10 cm (%)			Video file id:						

Kunde:	Energinet	Date:	2022-03-05	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	5 m/s	Station:	OWF2_55	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	0,4	Note:	Three attempts at HAPS due to rocky sample area	54°86,037	14°92,357	47 m
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Till/Diamicton	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	14:37:00	38,50	54°86,027	14°92,330	MILS	PEPE	LEHE	Dist. 21 m
CTDO								Dist. 6250217 m
Haps Infauna	14:50:00	38,50	54°86,033	14°92,375	MILS	PEPE	LEHE	Dist. 12 m
Haps Chem								Dist. 6250217 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	1b	Sediment description:	Flora:	None	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%	Sandy bottom with distinct ripples. Between ripples is silt. Sandworm heap (small)	Invertebrates:	Dom by tubes from pygospio elegans (2-5 %), few clusters of mobile blue mussels (1-2 %), hydrozoans (<1 %), barnacles (<1 %), lugworm pile (<1 %).	0 %	INF_OWf2_55	Very small sample (Not quantitative). Sand and gravel	Gravel and light sand
Mud/silt (%)	5 %			Fish:	European flounder (<1 %).	Overall coverage	Smell (Infauna)	Visible species (Infauna)
Sand (%)	95 %		2-5 %			None	Small shells	
Gravel (%)	0%		Video file id:	OWF2_55	Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)
Cobbles <10 cm (%)	0%				<1 %			
Boulders >10 cm (%)	0%					Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:					
Mud/silt (%)				Fish:		Overall coverage	Depth	Temperature
Sand (%)								
Gravel (%)			Video file id:		Overall coverage	Others QA: PEPE and Liv		
Cobbles <10 cm (%)								
Boulders >10 cm (%)								

Kunde:	Energinet	Date:	2022-03-05	Area:	Baltic Sea	Planned target			
Project:	ENOE	Wind speed (m/s)	6 m/s	Station:	OWF2_56	Northing	Easting	Depth	
Vessel	Skoven	Wave height (m)	0,5	Note:	Three HAPS attempts in this position	54°86,457	14°89,714	44 m	
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Till/Diamicton		
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance	
ROV	15:00:00	42,40	54°86,467	14°89,688	MILS	PEPE	LEHE	Dist. 20 m	
CTDO								Dist. 6250137 m	
Haps Infauna	15:15:00	42,00	54°86,456	14°89,738	MILS	PEPE	LEHE	Dist. 15 m	
Haps Chem								Dist. 6250137 m	
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition			
Sediment type:	1b	Sediment description:	Flora:	None	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)	
Clay (%)	%	Silty sandy bottom. Distinct ripples with silt inbetween.	Invertebrates:	Dom by tubes from polychaetes (Pygospio elegans) (10-20%), mobile blue mussels (<1%), holes in the bottom from either polychaetes or bivalves (<1%), barnacles (<1%)	0 %	INF_OWf2_56	Sand (not quantitative, just a few cm)	Sandy, gravel	
Mud/silt (%)	20 %				Overall coverage	Smell (Infauna)	Visible species (Infauna)		
Sand (%)	80%				7-25 %	None	None		
Gravel (%)	0%		Fish:	Sand goby (<1%), flounder track	Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)	
Cobbles <10 cm (%)	0%				<1 %				
Boulders >10 cm (%)	0%		Video file id:	OWF2_56			Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)			
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity	
Clay (%)			Invertebrates:		Overall coverage	Depth	Temperature	Remarks	
Mud/silt (%)					Overall coverage				
Sand (%)					Overall coverage				
Gravel (%)			Fish:			Others QA: PEPE, invertebrates and fish changed. Liv			
Cobbles <10 cm (%)									
Boulders >10 cm (%)			Video file id:						

Kunde:	Energinet	Date:	2022-03-05	Area:	Baltic Sea	Planned target			
Project:	ENOE	Wind speed (m/s)	4 m/s	Station:	OWF2_57	Northing	Easting	Depth	
Vessel	Skoven	Wave height (m)	0,5	Note:	-	54°86,811	14°87,014	42 m	
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Till/Diamicton		
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance	
ROV	15:27:00	45,60	54°86,818	14°87,016	MILS	PEPE	LEHE	Dist. 8 m	
CTDO								Dist. 6249977 m	
Haps Infauna	15:34:00	45,60	54°86,814	14°87,014	MILS	PEPE	LEHE	Dist. 4 m	
Haps Chem								Dist. 6249977 m	
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition			
Sediment type:	1a	Sediment description:	Flora:	None	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)	
Clay (%)	0%	Sandy and silty bottom with fine grained sand. Weak wave ripples in sediment.	Invertebrates:	Dom by tubes from Pygospio elegans across whole area (5-25 %), and few holes in the sediment from bivalves or polychaetes (<1 %)	0 %	INF_OWf2_57	Fine sand and silt (not full haps, about half a cylinder)	Brown and gray	
Mud/silt (%)	60 %				Overall coverage	Smell (Infauna)	Visible species (Infauna)		
Sand (%)	40 %		5-25 %	None	Tubes from polychaetes, small bivalves.				
Gravel (%)	0%		Fish:	Tracks from a flounder, and a flounder (<1 %)	Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)	
Cobbles <10 cm (%)	0%				<1 %				
Boulders >10 cm (%)	0%		Video file id:	OWF2_57		Smell (Chem)	Visible species (Chem)		
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)			
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity	
Clay (%)			Invertebrates:		Overall coverage	Depth	Temperature	Remarks	
Mud/silt (%)					Overall coverage	Others	QA: PEPE, invertebrates changed. QA DANJ substrate type has been changed. Liv		
Sand (%)									
Gravel (%)									
Cobbles <10 cm (%)			Video file id:						
Boulders >10 cm (%)									

Kunde:	Energinet	Date:	2022-03-05	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	4 m/s	Station:	OWF2_58	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	0,5	Note:	-	54°87,680	14°82,288	39 m
ROV	Yes	Infauna	Yes	Chemistry	Yes	Expected substrate	Sand	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	15:52:00	40,00	54°87,684	14°82,312	MILS	PEPE	LEHE	Dist. 16 m
CTDO								Dist. 6249964 m
Haps Infauna	15:59:00	40,00	54°87,674	14°82,287	MILS	PEPE	LEHE	Dist. 7 m
Haps Chem	16:07	40,00	54°87,671	14°82,290	MILS	PEPE	LEHE	Dist. 10 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	1b	Sediment description:	Flora:	None	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0 %	Sandy bottom with shallow ripples with organic material. A single rock with invertebrates.	Invertebrates:	Dom by many tubes from Pygospio elegans (2-5%). Clusters of blue mussels (<1-1 %) with hydrozoans and few barnacles (<1 %).	0 %	INF_OWf2_58	silty, sandy, clay beneath. Few small rocks	Brown on top, gray beneath
Mud/silt (%)	30 %				Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	70 %		2-5 %	None	Tubes from polychaetes, Gammarus sp.			
Gravel (%)	0 %		Overall coverage	Fish:	None	Photo id (Chem)	Composition (Chem)	Colour (Chem)
Cobbles <10 cm (%)	<1 %					0 %	-	silty, sandy, clay beneath, few small rocks
Boulders >10 cm (%)	<1 %		Video file id:	OWF2_58			Smell (Chem): None	Visible species (Chem): Tubes from polychaetes on top
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:		Overall coverage	Depth	Temperature	Remarks
Mud/silt (%)								
Sand (%)			Overall coverage	Video file id:				
Gravel (%)								
Cobbles <10 cm (%)								
Boulders >10 cm (%)								

Kunde:	Energinet	Date:	2022-03-05	Area:	Baltic Sea	Planned target			
Project:	ENOE	Wind speed (m/s)	5 m/s	Station:	OWF2_59	Northing	Easting	Depth	
Vessel	Skoven	Wave height (m)	0,5	Note:	-	54°87,349	14°78,184	36 m	
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Sand		
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance	
ROV	16:26:00	35,20	54°87,344	14°78,196	MILS	PEPE	LEHE	Dist. 10 m	
CTDO								Dist. 6248807 m	
Haps Infauna	16:34:00	35,20	54°87,335	14°78,175	MILS	PEPE	LEHE	Dist. 17 m	
Haps Chem								Dist. 6248807 m	
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition			
Sediment type:	1b	Sediment description:	Flora:	Drifting Saccharina latissima	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)	
Clay (%)	0%	Sandy/silty bottom. Wave ripples in sediment. Flounder tracks.	Invertebrates:	Dom by tubes from Pygospio elegans (3-6 %), blue mussels in mobile clusters (1 %) with hydrozoans (<1 %). Bryozoans on drifting Saccharina latissima (<1 %), shrimps (<1 %).	0 %	INF_OW2_59	Fine sand and silt, with pockets of mud	Brown on top, gray below, black pockets	
Mud/silt (%)	20 %				Overall coverage	Smell (Infauna)	Visible species (Infauna)		
Sand (%)	80 %		3-6 %	Weak smell of sulfur	Astartidae bivalve, other bivalve, polychaete-tubes (Pygospio elegans)				
Gravel (%)	0%		Fish:	Sand goby (<1 %), flounder tracks.	Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)	
Cobbles <10 cm (%)	0%				<1 %				
Boulders >10 cm (%)	0%		Video file id:	OWF2_59			Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)			
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity	
Clay (%)			Invertebrates:		Overall coverage	Depth	Temperature	Remarks	
Mud/silt (%)					Overall coverage	Others		QA: PEPE, invertebrates changed. Liv	
Sand (%)									
Gravel (%)									
Cobbles <10 cm (%)			Fish:						
Boulders >10 cm (%)			Video file id:						

Kunde:	Energinet	Date:	2022-03-05	Area:	Baltic Sea	Planned target			
Project:	ENOE	Wind speed (m/s)	4 m/s	Station:	OWF2_60	Northing	Easting	Depth	
Vessel	Skoven	Wave height (m)	0,5	Note:	Good visibility	54°89,103	14°79,919	27 m	
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Sand		
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance	
ROV	16:49:00	34,30	54°89,100	14°79,905	MILS	PEPE	LEHE	Dist. 10 m	
CTDO								Dist. 6251004 m	
Haps Infauna	17:01:00	34,30	54°89,082	14°79,911	MILS	PEPE	LEHE	Dist. 24 m	
Haps Chem								Dist. 6251004 m	
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition			
Sediment type:	1b	Sediment description:	Flora:	Drifting red bushes	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)	
Clay (%)	0%	Fine grained sand with wave ripples, some silt. Shell fragments and organic debris scattered across area.	Invertebrates:	Dom by tubes from polychaetes (Pygospio elegans) (5-15 %), clusters of blue mussels (<1 %); additionally shrimps (<1 %), white shell fragments (<1 %), a few indentations from infauna.	0 %	INF_OW2_60	Top is silt, rest is fine sand. Some slate in sample.	Brown on top, rest is gray	
Mud/silt (%)	20 %			Fish:	Sand gobies (<1 %)	Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	80 %					5-15 %	None	A. islandica, Gammarus sp. M.balthica and many worms,	
Gravel (%)	0%				Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)	
Cobbles <10 cm (%)	0%				<1 %				
Boulders >10 cm (%)	0%			Video file id:	OWF2_60	Smell (Chem)	Visible species (Chem)		
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)			
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity	
Clay (%)			Invertebrates:						
Mud/silt (%)						Overall coverage	Depth	Temperature	Remarks
Sand (%)									
Gravel (%)				Fish:		Overall coverage	Others QA: PEPE, invertebrates and fish changed. Liv		
Cobbles <10 cm (%)									
Boulders >10 cm (%)				Video file id:					

APPENDIX 3C – LOGBOOK FOR CABLE CORRIDORS (CC, CC1, CC2)

Kunde:	Energinet	Date:	2022-08-16	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	1 m/s	Station:	CC_01	Northing	Easting	Depth
Vessel	Sephia	Wave height (m)	0,1	Note:	Samples collected from Sephia due to shallow water depth	55°04,210	14°82,669	2 m
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Sand	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	19:50:00	2,00	55°04,212	14°82,670	FGAI	PEPE	LEHE	Dist. 2 m
CTDO								Dist. 6267529 m
Haps Infauna	19:58:00	1,50	55°04,212	14°82,670	FGAI	PEPE	LEHE	Dist. 2 m
Haps Chem								Dist. 6267529 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	4	Sediment description:	Flora:	Fucus vesiculosus (97 %) and some Ectocapus (1 %). Substrate specific coverage: 98 %	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	%	Rocky bottom with few sandy spots in between	Invertebrates:	Bryozoa and hydroids epiphytic on the macroalgae	95-100 %	INF_CC_01	Sandy	Sandy
Mud/silt (%)	%				Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	20 %		2 %	None	Few small crustaceans and sand-tubes			
Gravel (%)	%		Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)		
Cobbles <10 cm (%)	40 %		0 %					
Boulders >10 cm (%)	40 %		Video file id:	CC_01			Smell (Chem)	Visible species (Chem)
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:		Overall coverage	Depth	Temperature	Remarks
Mud/silt (%)								
Sand (%)			Overall coverage	Others QA: PEPE, Difficult to quantify invertebrates due to dense macroalgae coverage. Liv				
Gravel (%)								
Cobbles <10 cm (%)								
Boulders >10 cm (%)			Video file id:					

Kunde:	Energinet	Date:	2022-08-16	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	2 m/s	Station:	CC_02	Northing	Easting	Depth
Vessel	Sephia	Wave height (m)	0,3	Note:	Haps samples collected at nearby location due to rocky bottom at original location	55°03,620	14°85,513	4 m
ROV	Yes	Infauna	Yes	Chemistry	Yes	Expected substrate	Sand	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	18:03:00	4,60	55°03,612	14°85,490	FGAI	PEPE	LEHE	Dist. 17 m
CTDO								Dist. 6267462 m
Haps Infauna	19:34:00	3,40	55°03,612	14°85,490	FGAI	PEPE	LEHE	Dist. 17 m
Haps Chem	19:34	3,40	55°03,612	14°85,490	FGAI	PEPE	LEHE	Dist. 17 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	4	Sediment description:	Flora:	Dom by Furcellaria (20-70 %) and Ectocarpus/Pylaiella (50 %), Polysiphonia (10 %), Callithamnion (10 %), Fucus serratus (2 %), Chorda filum (2 %). Substrate specific coverage: 100 %	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	%	Rocky bottom overgrown with macroalgae	Invertebrates:	Macroalgae dom by attached juvenile blue mussels (1-2 %), shrimp (<1 %)	99-100 %	INF_CC_02	Fine grained sand	Sandy
Mud/silt (%)	%			Overall coverage	Smell (Infauna)	Visible species (Infauna)		
Sand (%)	%		1-2 %	None	Juvenile blue mussels			
Gravel (%)	%		Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)		
Cobbles <10 cm (%)	20 %		<1 %	CHEM_CC_02				
Boulders >10 cm (%)	80 %	Video file id:	CC_02		Smell (Chem)	Visible species (Chem)		
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:					
Mud/silt (%)				Overall coverage		Depth	Temperature	Remarks
Sand (%)								
Gravel (%)			Overall coverage					
Cobbles <10 cm (%)			Video file id:			Others	QA: PEPE, Difficult to quantify invertebrates due to dense macroalgae coverage. Liv	
Boulders >10 cm (%)								

Kunde:	Energinet	Date:	2022-08-16	Area:	Baltic Sea	Planned target			
Project:	ENOE	Wind speed (m/s)	3 m/s	Station:	CC_03	Northing	Easting	Depth	
Vessel	Sephia	Wave height (m)	0,3	Note:	Samples collected from Sephia due to shallow water depth	55°03,155	14°87,467	2 m	
ROV	Yes	Infauna	Yes	Chemistry	Yes	Expected substrate	Sand		
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance	
ROV	17:28:00	4,10	55°03,155	14°87,445	FGAI	PEPE	LEHE	Dist. 14 m	
CTDO								Dist. 6267353 m	
Haps Infauna	17:35:00	4,10	55°03,155	14°87,445	FGAI	PEPE	LEHE	Dist. 14 m	
Haps Chem	17:40	4,10	55°03,155	14°87,445	FGAI	PEPE	LEHE	Dist. 14 m	
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition			
Sediment type:	3	Sediment description:	Flora:	Dom by Polysiphonia (10-30 %), Callithamnion (10-30 %), Furcellaria (10-50 %), Ectocarpus/pylaiella (10 %), Chorda filium (5 %), Hildenbrandia (2 %), Brown crust (1 %). Substrate specific coverage: 90-95 %	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)	
Clay (%)	%	Rocky bottom, with fine sand in between.	Invertebrates:	Dom by attached juvenile blue mussels (2-4 %), Hydrobia (1%), barnacles (<1 %).	Overall coverage	INF_CC_03	Coarse sand	Gravely color	
Mud/silt (%)	%				Overall coverage	Smell (Infauna)	Visible species (Infauna)		
Sand (%)	60 %		2-4 %	None	None				
Gravel (%)	%		Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)			
Cobbles <10 cm (%)	15 %		<1 %	CHEM_CC_03	Coarse sand	Gravely color			
Boulders >10 cm (%)	25 %		Video file id:	CC_03	Smell (Chem): None	Visible species (Chem): No visible species			
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)			
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity	
Clay (%)			Invertebrates:		Overall coverage	Depth	Temperature	Remarks	
Mud/silt (%)					Overall coverage				
Sand (%)			Overall coverage						
Gravel (%)			Overall coverage						
Cobbles <10 cm (%)			Video file id:			Others	QA: PEPE, Difficult to quantify invertebrates due to dense macroalgae coverage. Liv		
Boulders >10 cm (%)									

Kunde:	Energinet	Date:	2022-08-16	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	3 m/s	Station:	CC_04	Northing	Easting	Depth
Vessel	Sephia	Wave height (m)	0,4	Note:	Samples collected from Sephia due to shallow water depth	55°02,598	14°89,266	5 m
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Sand	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	17:02:00	5,50	55°02,595	14°89,250	FGAI	PEPE	LEHE	Dist. 10 m
CTDO								Dist. 6267118 m
Haps Infauna	17:02:00	5,50	55°02,595	14°89,250	FGAI	PEPE	LEHE	Dist. 10 m
Haps Chem								Dist. 6267118 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	2	Sediment description:	Flora:	Ectocarpus/pylaiella (30-50 %), red bushes (Polysiphonia) (5-10 %), Callithamnion (5-10 %), Furcellaria (5-10 %), Chorda filum (<1 %). Substrate specific coverage: 80 %	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	%	Sandy bottom, with medium grain sand and wave ripples with a bit of gravel and cobbles. A single large boulder.	Invertebrates:	Dom by attached juvenile blue mussels (2-3 %), shrimp sp.	30-80 %	INF_CC_04	Coarse sand, and gravel	Gravelly color
Mud/silt (%)	%			Fish:	Sand goby, European flounder (<1 %), flounder tracks	Overall coverage	Smell (Infauna)	Visible species (Infauna)
Sand (%)	80 %		2-3 %			None	None	
Gravel (%)	10 %		Video file id:	CC_04		Photo id (Chem)	Composition (Chem)	Colour (Chem)
Cobbles <10 cm (%)	9 %				Overall coverage	-		
Boulders >10 cm (%)	1 %				<1 %			
					Smell (Chem)	Visible species (Chem)		
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:					
Mud/silt (%)				Overall coverage		Depth	Temperature	Remarks
Sand (%)			Fish:		Overall coverage			
Gravel (%)							Others	QA: PEPE, Difficult to quantify invertebrates due to dense macroalgae coverage. Liv
Cobbles <10 cm (%)			Video file id:					
Boulders >10 cm (%)								

Kunde:	Energinet	Date:	2022-08-16	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	3 m/s	Station:	CC_05	Northing	Easting	Depth
Vessel	Sephia	Wave height (m)	0,4	Note:	Samples collected from Sephia due to shallow water depth	55°02,088	14°88,076	8 m
ROV	Yes	Infauna	No	Chemistry	No	Expected substrate	Sedimentary rock	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	16:35:00	7,90	55°02,085	14°88,073	FGAI	PEPE	LEHE	Dist. 4 m
CTDO								Dist. 6266345 m
Haps Infauna								Dist. 6266345 m
Haps Chem								Dist. 6266345 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	4	Sediment description:	Flora:	Red bushes (incl. Polysiphonia 20 %, Ceramium 20 %, Callithamnion 20 %), Furcellaria (10-20 %), Ectocarpus/pylaliella (5 %), Chorda filum (<1 %). Substrate specific coverage: 100 %	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	%	Sedimentary rock - reef of bedrock, and boulders, few sand patches.	Invertebrates:	Dom by attached blue mussels (2-5 %), barnacles (<1 %).	70-100 %	-		
Mud/silt (%)	%				Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	7 %		2-5 %					
Gravel (%)	%		Fish:	Sand goby, European flounder (<1 %), flounder tracks	Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)
Cobbles <10 cm (%)	13 %		<1 %					
Boulders >10 cm (%)	80 %		Video file id:	CC_05		Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:					
Mud/silt (%)					Overall coverage	Depth	Temperature	Remarks
Sand (%)								
Gravel (%)			Fish:		Overall coverage	Others	QA: PEPE, Difficult to quantify invertebrates due to dense macroalgae coverage. Liv	
Cobbles <10 cm (%)								
Boulders >10 cm (%)			Video file id:					

Kunde:	Energinet	Date:	2022-08-16	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	1 m/s	Station:	CC_06	Northing	Easting	Depth
Vessel	Sephia	Wave height (m)	0,1	Note:	Samples collected from Sephia due to shallow water depth	55°02,574	14°85,079	8 m
ROV	Yes	Infauna	No	Chemistry	No	Expected substrate	Sedimentary rock	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	18:19:00	9,10	55°02,570	14°85,068	FGAI	PEPE	LEHE	Dist. 8 m
CTDO								Dist. 6266270 m
Haps Infauna								Dist. 6266270 m
Haps Chem								Dist. 6266270 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	3	Sediment description:	Flora:	Red bushes incl. polysiphonia (20 %), Callithamnion (20 %), Furcellaria (5-10 %), Chorda filum (1 %), ectocarpus/pylaiella (1 %). Substrate specific coverage: 50 %	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	%	Mixed sandy bottom with cobbles, gravel, sand and few larger boulder	Invertebrates:	Dom by attached blue mussels (2-4 %), barnacles (<1-1 %), jellyfish (<1 %)	40-80 %	-		
Mud/silt (%)	%			Overall coverage	Smell (Infauna)	Visible species (Infauna)		
Sand (%)	45 %		Overall coverage					
Gravel (%)	20 %		Overall coverage	Fish:	Sand goby, European flounder (<1 %), flounder tracks	Photo id (Chem)	Composition (Chem)	Colour (Chem)
Cobbles <10 cm (%)	20 %		Overall coverage		<1 %	-		
Boulders >10 cm (%)	15 %		Video file id:	CC_06		Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:					
Mud/silt (%)				Overall coverage		Depth	Temperature	Remarks
Sand (%)			Overall coverage					
Gravel (%)			Overall coverage	Fish:		Others	QA: PEPE, Difficult to quantify invertebrates due to dense macroalgae coverage. Liv	
Cobbles <10 cm (%)								
Boulders >10 cm (%)			Video file id:					

Kunde:	Energinet	Date:	2022-03-06	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	1 m/s	Station:	CC_07	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	0,1	Note:	No HAPS sample	55°03,043	14°82,486	8 m
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Sedimentary rock	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	05:30:00	10,90	55°03,034	14°82,505	MILS	PEPE	LEHE	Dist. 15 m
CTDO								Dist. 6266258 m
Haps Infauna								Dist. 6266258 m
Haps Chem								Dist. 6266258 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	3	Sediment description:	Flora:	Polysiphonia (5 %), Callithamnion (5 %), Coccotylus (1 %), brown crust (2 %), hildenbrandia sp. (2 %) and Furocellaria (1 %). Substrate specific coverage: 25 %	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	%	Many stones, both cobbles and boulders, on sand and gravel. All stones covered in flora and fauna.	Invertebrates:	Sand: dom. by tracks from infauna activity, no visible species. Rocks: dom. by Mytilus spp. (5 %) (75 % coverage on rocks) and barnacles (<1 %); additionally hydrozoans (<1 %) and calcareous worms (Serpulidae) (1 %)	20-35 %	-		
Mud/silt (%)	%				Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	46 %		Fish:	Sand goby, European flounder (<1 %), flounder tracks	7-30 %			
Gravel (%)	30 %				Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)
Cobbles <10 cm (%)	12 %		Video file id:	cc_07	0 %	-		
Boulders >10 cm (%)	12 %					Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:					
Mud/silt (%)					Overall coverage	Depth	Temperature	Remarks
Sand (%)			Fish:		Overall coverage			
Gravel (%)						Others	QA: PEPE, Difficult to quantify invertebrates due to dense macroalgae coverage. Liv	
Cobbles <10 cm (%)			Video file id:					
Boulders >10 cm (%)								

Kunde:	Energinet	Date:	2022-03-06	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	2 m/s	Station:	CC_08	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	0,1	Note:	-	55°03,172	14°79,776	9 m
ROV	Yes	Infauna	No	Chemistry	No	Expected substrate	Sedimentary rock	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	05:13:00	11,00	55°03,172	14°79,776	MILS	PEPE	LEHE	Dist. m
CTDO								Dist. 6265864 m
Haps Infauna								Dist. 6265864 m
Haps Chem								Dist. 6265864 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	3	Sediment description:	Flora:	Polysiphonia(<1 %), drifting Furcellaria(<1 %), brown crust (<1 %). Substrate specific coverage: <1 %	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	%	Many larger and smaller rocks in area. Clear wave ripples in areas with sand.	Invertebrates:	Dom by attached blue mussels (15-30 %), barnacles (<1-2 %), hydrozoans on rocks (<1 %), calcareous tube worms (<1 %)	1-2 %	-		
Mud/silt (%)	%			Overall coverage	Smell (Infauna)	Visible species (Infauna)		
Sand (%)	20 %		Overall coverage	10-30 %				
Gravel (%)	20 %		Fish:	Sand goby, European flounder (<1 %), flounder tracks	Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)
Cobbles <10 cm (%)	12 %				0 %	-		
Boulders >10 cm (%)	48 %		Video file id:	CC_08	Smell (Chem)	Visible species (Chem)		
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:					
Mud/silt (%)				Overall coverage		Depth	Temperature	Remarks
Sand (%)			Overall coverage					
Gravel (%)			Fish:					
Cobbles <10 cm (%)								
Boulders >10 cm (%)			Video file id:			Others	QA: PEPE, Difficult to quantify invertebrates due to dense macroalgae coverage. Liv	

Kunde:	Energinet	Date:	2022-03-06	Area:	Baltic Sea	Planned target			
Project:	ENOE	Wind speed (m/s)	1 m/s	Station:	CC_09	Northing	Easting	Depth	
Vessel	Skoven	Wave height (m)	0,1	Note:	-	55°02,070	14°78,601	13 m	
ROV	Yes	Infauna	Yes	Chemistry	Yes	Expected substrate	Sand		
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance	
ROV	04:56:00	12,00	55°02,067	14°78,619	MILS	PEPE	LEHE	Dist. 12 m	
CTDO								Dist. 6264469 m	
Haps Infauna	05:02:00	12,00	55°02,070	14°78,607	MILS	PEPE	LEHE	Dist. 4 m	
Haps Chem	05:05:00	12,00	55°02,065	14°78,600	MILS	PEPE	LEHE	Dist. 6 m	
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition			
Sediment type:	2	Sediment description:	Flora:	Polysiphonia on rock (<1 %), hildenbrandia (<1 %). Substrate specific coverage: 1-3 %	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)	
Clay (%)	%	Sandy bottom with distinct ripples. Patches of stones (both small and big). Hard substrate is covered in invertebrates.			Invertebrates:	<1%	-	Sand (Yellow/green water with sample), yellow sediment also found in sample - very fine grain	Sand and yellow
Mud/silt (%)	%				Fish:	Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	78 %				Sand goby, European flounder (<1 %), flounder tracks	1-3 %	None	Gammarus	
Gravel (%)	20 %				Video file id:	Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)
Cobbles <10 cm (%)	1 %				CC_09	0 %	-	Sand (Yellow/green water with sample), yellow sediment also found in sample - very fine grain	Sand and yellow
Boulders >10 cm (%)	1 %							Smell (Chem): None	Visible species (Chem): None
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)			
Sediment type:		Sediment description:	Flora:	Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity		
Clay (%)			Invertebrates:	Overall coverage	Depth	Temperature	Remarks		
Mud/silt (%)			Fish:	Overall coverage	Others QA: PEPE, Difficult to quantify invertebrates due to dense macroalgae coverage. Liv				
Sand (%)			Video file id:						
Gravel (%)									
Cobbles <10 cm (%)									
Boulders >10 cm (%)									

Kunde:	Energinet	Date:	2022-03-06	Area:	Baltic Sea	Planned target						
Project:	ENOE	Wind speed (m/s)	2 m/s	Station:	CC_10	Northing	Easting	Depth				
Vessel	Skoven	Wave height (m)	0,1	Note:	-	55°01,837	14°76,214	11 m				
ROV	Yes	Infauna	No	Chemistry	No	Expected substrate	Sedimentary rock					
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance				
ROV	04:42:00	12,00	55°01,836	14°76,209	MILS	PEPE	LEHE	Dist. 4 m				
CTDO								Dist. 6263755 m				
Haps Infauna								Dist. 6263755 m				
Haps Chem								Dist. 6263755 m				
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition						
Sediment type:	2	Sediment description:	Mixed sandy bottom with rocks	Flora:	Brown crust (<1 %), Hildenbrandia (<1 %). Substrate specific coverage: <1-1 %	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)			
Clay (%)	%			Invertebrates:	Rocks dom by attached blue mussels (5-15 %), barnacles(1-2 %), bryozoans (<1 %), calcareous tube worms (<1 %), some infaunal tracks from polychaetes or bivalves (1 %)	Overall coverage	Smell (Infauna)	Visible species (Infauna)				
Mud/silt (%)	%			Fish:	Sand goby, European flounder (<1 %), flounder tracks	Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)			
Sand (%)	69 %			Video file id:	CC_10		Smell (Chem)	Visible species (Chem)				
Gravel (%)	20 %			ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Cobbles <10 cm (%)	3 %			Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity
Boulders >10 cm (%)	8 %			Clay (%)			Invertebrates:		Overall coverage	Depth	Temperature	Remarks
			Mud/silt (%)			Fish:		Overall coverage	Others QA: PEPE, Difficult to quantify invertebrates due to dense macroalgae coverage. Liv			
			Sand (%)			Video file id:						
			Gravel (%)									
			Cobbles <10 cm (%)									
			Boulders >10 cm (%)									

Kunde:	Energinet	Date:	2022-03-06	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	3 m/s	Station:	CC_11	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	0,1	Note:	-	55°01,429	14°74,376	12 m
ROV	Yes	Infauna	No	Chemistry	No	Expected substrate	Sedimentary rock	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	04:25:00	13,80	55°01,408	14°74,411	MILS	PEPE	LEHE	Dist. 32 m
CTDO								Dist. 6262964 m
Haps Infauna								Dist. 6262964 m
Haps Chem								Dist. 6262964 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	2	Sediment description:	Flora:	Brown crust (<1 %), Hildenbrandia (<1 %), Polysiphonia (<1%), Drifting Saccharina latissima (<1 %). Substrate specific coverage: <1 %	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	%	Sandy bottom with some gravel, and areas with rocks. Ripples in sediment are large.	Invertebrates:	Rocks: dom by blue mussels (5-10 %) and barnacles(1-2 %), hydrozoans (<1%), calcareous tube worms (Serpulidae)(1%). Sand: dom by few holes from either polychaetes or bivalves (<1%)	Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Mud/silt (%)	%							
Sand (%)	70 %		Fish:	Sand goby, European flounder (<1 %), flounder tracks	Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)
Gravel (%)	20 %							
Cobbles <10 cm (%)	4 %		Video file id:	CC_11		Smell (Chem)	Visible species (Chem)	
Boulders >10 cm (%)	6 %							
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:		Overall coverage	Depth	Temperature	Remarks
Mud/silt (%)								
Sand (%)			Fish:		Overall coverage	Others QA: PEPE, Difficult to quantify invertebrates due to dense macroalgae coverage. Liv		
Gravel (%)								
Cobbles <10 cm (%)			Video file id:					
Boulders >10 cm (%)								

Kunde:	Energinet	Date:	2022-03-06	Area:	Baltic Sea	Planned target			
Project:	ENOE	Wind speed (m/s)	2 m/s	Station:	CC_12	Northing	Easting	Depth	
Vessel	Skoven	Wave height (m)	0,2	Note:	-	55°00,810	14°72,373	17 m	
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Sedimentary rock		
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance	
ROV	04:04:00	17,10	55°00,816	14°72,361	MILS	PEPE	LEHE	Dist. 10 m	
CTDO								Dist. 6261919 m	
Haps Infauna	04:11:00	17,10	55°00,795	14°72,376	MILS	PEPE	LEHE	Dist. 17 m	
Haps Chem								Dist. 6261919 m	
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition			
Sediment type:	2	Sediment description:	Sandy bottom with gravel and many rocks (both large and small). Distinct wave ripples in the sand bottom.	Flora:	Brown crust. Substrate specific coverage: <1 %	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	%			Invertebrates:	Dom by attached (8 %) and mobile (1 %) blue mussels, barnacles (<1-1 %), some tracks from infaunal activity from either polychaetes or bivalves (<1 %)	<1 %	-	Sand, small stones and gravel (only half a haps sample)	Gravel and light sand
Mud/silt (%)	%			Fish:	Sand goby, European flounder (<1 %), flounder tracks	Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	61 %			Video file id:	CC_12	1-8 %	None	None	
Gravel (%)	20 %					Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)
Cobbles <10 cm (%)	4 %					<1 %	-		
Boulders >10 cm (%)	15 %						Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)			
Sediment type:		Sediment description:		Flora:	Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity	
Clay (%)				Invertebrates:					
Mud/silt (%)				Fish:		Overall coverage	Depth	Temperature	Remarks
Sand (%)				Video file id:					
Gravel (%)									
Cobbles <10 cm (%)									
Boulders >10 cm (%)						Others	QA: PEPE, Difficult to quantify invertebrates due to dense macroalgae coverage. Liv		

Kunde:	Energinet	Date:	2022-03-05	Area:	Baltic Sea	Planned target			
Project:	ENOE	Wind speed (m/s)	2 m/s	Station:	CC_13	Northing	Easting	Depth	
Vessel	Skoven	Wave height (m)	0,2	Note:	-	54°99,980	14°71,659	17 m	
ROV	Yes	Infauna	No	Chemistry	No	Expected substrate	Sedimentary rock		
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance	
ROV	21:23:00	17,30	54°99,980	14°71,659	SNIE	MILS	PEPE	Dist. m	
CTDO								Dist. 6260901 m	
Haps Infauna								Dist. 6260901 m	
Haps Chem								Dist. 6260901 m	
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition			
Sediment type:	3	Sediment description:	Flora:	Brown crust (<1 %), Hildenbrandia (<1 %), Polysiphonia <1 %, Furcellaria <1 %. Substrate specific coverage: 1 %	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)	
Clay (%)	%	Sandy, gravel, big ripples, mixed substrate bottom, rocks	Invertebrates:	Dom by blue mussels (25 %), barnacles(1-3 %), calcareous tube worms (Serpulidae)(1 %), bryozoans (<1 %)	<1 %	-			
Mud/silt (%)	%				Overall coverage	Smell (Infauna)	Visible species (Infauna)		
Sand (%)	70 %		3-20 %						
Gravel (%)	10 %		Overall coverage	Fish:	Sand goby, European flounder (<1 %), flounder tracks	Photo id (Chem)	Composition (Chem)	Colour (Chem)	
Cobbles <10 cm (%)	10 %					1 %	-		
Boulders >10 cm (%)	10 %		Video file id:	CC_13			Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)			
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity	
Clay (%)			Invertebrates:		Overall coverage	Depth	Temperature	Remarks	
Mud/silt (%)					Overall coverage				
Sand (%)			Overall coverage	Fish:		Others	QA: PEPE, Difficult to quantify invertebrates due to dense macroalgae coverage. Liv		
Gravel (%)							Video file id:		
Cobbles <10 cm (%)									
Boulders >10 cm (%)									

Kunde:	Energinet	Date:	2022-03-05	Area:	Baltic Sea	Planned target			
Project:	ENOE	Wind speed (m/s)	2 m/s	Station:	CC_14	Northing	Easting	Depth	
Vessel	Skoven	Wave height (m)	0,2	Note:	-	55°00,960	14°70,409	16 m	
ROV	Yes	Infauna	No	Chemistry	No	Expected substrate	Sedimentary rock		
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance	
ROV	21:42:00	15,80	55°00,986	14°70,407	SNIE	MILS	PEPE	Dist. 29 m	
CTDO								Dist. 6261696 m	
Haps Infauna								Dist. 6261696 m	
Haps Chem								Dist. 6261696 m	
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition			
Sediment type:	3	Sediment description:	Flora: Brown crust (1-2 %), hildenbrandia (1-2 %). Substrate specific coverage: 2 %	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)		
Clay (%)	%	Mixed bottom with rocks and sand. Clear wave ripples		Invertebrates:	1-2 %	-			
Mud/silt (%)	%			Dom by attached blue mussels (40-50 %), barnacles (1-3 %), shrimp (<1 %), bryozoans (<1 %), calcareous tube worms (<1 %)	Overall coverage	Smell (Infauna)	Visible species (Infauna)		
Sand (%)	65 %			Fish:	30-50 %				
Gravel (%)	5 %			Sand goby, European flounder (<1 %), flounder tracks	Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)	
Cobbles <10 cm (%)	18 %				<1 %	-			
Boulders >10 cm (%)	12 %				Video file id:	CC_14	Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)			
Sediment type:		Sediment description:	Flora:	Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity		
Clay (%)				Invertebrates:					
Mud/silt (%)				Overall coverage		Depth	Temperature	Remarks	
Sand (%)									
Gravel (%)				Fish:	Overall coverage				
Cobbles <10 cm (%)							Others	QA: PEPE, Difficult to quantify invertebrates due to dense macroalgae coverage. Liv	
Boulders >10 cm (%)					Video file id:				

Kunde:	Energinet	Date:	2022-03-06	Area:	Baltic Sea	Planned target				
Project:	ENOE	Wind speed (m/s)	6 m/s	Station:	CC1_01x	Northing	Easting	Depth		
Vessel	Skoven	Wave height (m)	0,3	Note:	-	55°07,041	14°51,058	40 m		
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Muddy Sand			
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance		
ROV	15:34:00	42,00	55°07,040	14°51,055	SNIE	CELA	LEHE	Dist. 2 m		
CTDO								Dist. 6264403 m		
Haps Infauna	15:43:00	42,00	5507032,0 m	00:00:00	SNIE	CELA	LEHE	Dist. 14 m		
Haps Chem								Dist. 6264403 m		
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition				
Sediment type:	1a	Sediment description:	Silty sand bottom with wave ripples.	Flora:	None	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)	
Clay (%)	3 %					0 %	INF_CC_01X	Silt on top, then clay mixed with mud, and black spots	Grey with black spots	
Mud/silt (%)	10 %			Invertebrates:	Sand dom. by very large piles of lugworms (2-8 %), tubes from Pygospio elegans (2-5 %) sticking up from substrate, bivalves such as Arctica islandica (2-5 %), Hydrozoans; additionally a red polychaete (Scoloplos armiger).	Overall coverage	Smell (Infauna)	Visible species (Infauna)		
Sand (%)	87 %					2-8 %	Sulphur	Many small worms in top layer, many shells from bivalves, live bivalves.		
Gravel (%)	%			Fish:	Sand goby, European flounder (<1 %), flounder tracks	Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)	
Cobbles <10 cm (%)	%					0 %	-			
Boulders >10 cm (%)	%			Video file id:	CC1_01X		Smell (Chem)	Visible species (Chem)		
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)				
Sediment type:		Sediment description:		Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity	
Clay (%)										
Mud/silt (%)				Invertebrates:		Overall coverage	Depth	Temperature	Remarks	
Sand (%)										
Gravel (%)				Fish:		Overall coverage	Others	QA: PEPE, Difficult to quantify invertebrates due to dense macroalgae coverage. Liv		
Cobbles <10 cm (%)										
Boulders >10 cm (%)				Video file id:						

Kunde:	Energinet	Date:	2022-03-06	Area:	Baltic Sea	Planned target				
Project:	ENOE	Wind speed (m/s)	9 m/s	Station:	CC1_01	Northing	Easting	Depth		
Vessel	Skoven	Wave height (m)	0,2	Note:	No Haps possible due to substrate	55°01,080	14°68,493	17 m		
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Sedimentary rock			
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance		
ROV	06:31:00	19,10	55°01,074	14°68,510	MILS	SNIE	LEHE	Dist. 13 m		
CTDO								Dist. 6261450 m		
Haps Infauna	06:42:00	19,10	55°01,086	14°68,484	MILS	SNIE	LEHE	Dist. 9 m		
Haps Chem								Dist. 6261450 m		
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition				
Sediment type:	3	Sediment description:	Flora:	Brown crust (<1 %), Hildebrandia (<1 %). Substrate specific coverage: <1 %	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)		
Clay (%)	%	Sandy with small and big rocks and sharp ripples and gravel.			Overall coverage	<1 %	-			
Mud/silt (%)	%				Invertebrates:	Overall coverage	Rocks: dom by blue mussels (30 %), barnacles (1-5 %), hydrozoans (<1 %). Sand: dom by some white shell fragments (<1 %)	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	55 %					Overall coverage		3-30 %		
Gravel (%)	5 %				Fish:	Overall coverage	Sand goby, European flounder (<1 %), flounder tracks	Photo id (Chem)	Composition (Chem)	Colour (Chem)
Cobbles <10 cm (%)	30 %					Overall coverage		<1 %	-	
Boulders >10 cm (%)	10 %				Video file id:	CC1_01			Smell (Chem)	Visible species (Chem)
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)				
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity		
Clay (%)					Overall coverage					
Mud/silt (%)					Invertebrates:	Overall coverage	Depth	Temperature	Remarks	
Sand (%)						Overall coverage				
Gravel (%)					Fish:	Overall coverage	Others QA: PEPE, Difficult to quantify invertebrates due to dense macroalgae coverage. Liv			
Cobbles <10 cm (%)						Overall coverage				
Boulders >10 cm (%)					Video file id:					

Kunde:	Energinet	Date:	2022-03-06	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	6 m/s	Station:	CC1_02x	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	0,3	Note:	-	55°06,449	14°54,968	34 m
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Sand	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	16:03:00	37,40	55°06,449	14°54,985	SNIE	CELA	LEHE	Dist. 11 m
CTDO								Dist. 6264526 m
Haps Infauna	16:15:00	37,40	55°06,452	14°54,992	SNIE	CELA	LEHE	Dist. 16 m
Haps Chem								Dist. 6264526 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	1a	Sediment description:	Flora:	None	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	2 %	Sandy/silty bottom with wave ripples. More sand than silt, homogenous apart from worm piles.	Invertebrates:	Sand bottom dom by tubes of Pygospio elegans (5-10 %), many worm-piles of lugworms (2-5 %), orange/red polychaetes (Scoloplos armiger) (<1 %); additionally few Arctica islandica (<1 %)	0 %	INF_CC1_02X	Silt on top, sand beneath, some gravel and organic material	Light brown
Mud/silt (%)	10 %				Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	88 %		5-10 %	None	3 species of worm, one reddish and thick, shell fragments			
Gravel (%)	%		Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)		
Cobbles <10 cm (%)	%		<1 %	-				
Boulders >10 cm (%)	%		Video file id:	CC1_02X		Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:		Overall coverage	Depth	Temperature	Remarks
Mud/silt (%)					Overall coverage	Others		
Sand (%)			Overall coverage	QA: PEPE, Difficult to quantify invertebrates due to dense macroalgae coverage. Liv				
Gravel (%)			Overall coverage					
Cobbles <10 cm (%)			Video file id:					
Boulders >10 cm (%)								

Kunde:	Energinet	Date:	2022-03-06	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	8 m/s	Station:	CC1_02	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	0,2	Note:	-	55°01,220	14°66,288	20 m
ROV	Yes	Infauna	No	Chemistry	No	Expected substrate	Sedimentary rock	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	06:53:00	20,10	55°01,236	14°66,323	MILS	SNIE	LEHE	Dist. 29 m
CTDO								Dist. 6261170 m
Haps Infauna								Dist. 6261170 m
Haps Chem								Dist. 6261170 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	2	Sediment description:	Flora: Brown crust(<1 %), Hildenbrandia (<1 %), Floating Saccharina latissima (<1 %). Substrate specific coverage: <1 % Invertebrates: Rock: dom by blue mussels (20-50 %), barnacles (1-3 %). Bryozoans (Membranipora membranacea) on Saccharina latissima (<1 %) Fish: Sand goby, European flounder (<1 %), flounder tracks Video file id: CC1_02	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)	
Clay (%)	1 %	Fine grain sand bottom with both gravel, small rocks and larger rocks. Distinct ripples in sandy areas.		<1 %	-			
Mud/silt (%)	%			Overall coverage	Smell (Infauna)	Visible species (Infauna)		
Sand (%)	45 %			5-40 %				
Gravel (%)	22 %			Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)	
Cobbles <10 cm (%)	20 %			0%	-			
Boulders >10 cm (%)	12 %				Smell (Chem)	Visible species (Chem)		
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora: Invertebrates: Fish: Video file id:	Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity	
Clay (%)				Overall coverage				
Mud/silt (%)				Overall coverage	Depth	Temperature	Remarks	
Sand (%)								
Gravel (%)				Overall coverage				
Cobbles <10 cm (%)								
Boulders >10 cm (%)								
					Others	QA: PEPE, Difficult to quantify invertebrates due to dense macroalgae coverage. Liv		

Kunde:	Energinet	Date:	2022-03-06	Area:	Baltic Sea	Planned target			
Project:	ENOE	Wind speed (m/s)	7 m/s	Station:	CC1_03	Northing	Easting	Depth	
Vessel	Skoven	Wave height (m)	0,2	Note:	-	55°01,416	14°64,429	20 m	
ROV	Yes	Infauna	No	Chemistry	No	Expected substrate	Sedimentary rock		
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance	
ROV	07:06:00	21,80	55°01,427	14°64,479	MILS	SNIE	LEHE	Dist. 34 m	
CTDO								Dist. 6261018 m	
Haps Infauna								Dist. 6261018 m	
Haps Chem								Dist. 6261018 m	
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition			
Sediment type:	3	Sediment description:	Sandy bottom with both small and large rocks. Gravel. Sand has distinct ripples.	Flora:	Brown crust(<1 %), Hildenbrandia (<1 %), Saccharina latissima (<1 %). Substrate specific coverage: <1 %.	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	%			Invertebrates:	Rocks: dom by blue mussels (15-20 %), barnacles (1-2 %) and calcareous tube worms (Serpulidae)(<1%); additionally bryozoans (<1 %) on macroalgae	<1 %	-		
Mud/silt (%)	%			Fish:	Sand goby, European flounder (<1 %), flounder tracks	Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	60 %			Video file id:	CC1_03	15-20 %			
Gravel (%)	10 %					Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)
Cobbles <10 cm (%)	15 %					0%	-		
Boulders >10 cm (%)	15 %						Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)			
Sediment type:		Sediment description:		Flora:	Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity	
Clay (%)				Invertebrates:					
Mud/silt (%)				Fish:		Overall coverage	Depth	Temperature	Remarks
Sand (%)				Video file id:					
Gravel (%)						Overall coverage	Others QA: PEPE, Difficult to quantify invertebrates due to dense macroalgae coverage. Liv		
Cobbles <10 cm (%)									
Boulders >10 cm (%)									

Kunde:	Energinet	Date:	2022-03-06	Area:	Baltic Sea	Planned target			
Project:	ENOE	Wind speed (m/s)	8 m/s	Station:	CC1_04	Northing	Easting	Depth	
Vessel	Skoven	Wave height (m)	0,2	Note:	3 attempts made for HAPS	55°02,128	14°62,720	23 m	
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Sedimentary rock		
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance	
ROV	07:20:00	22,90	55°02,132	14°62,711	MILS	SNIE	LEHE	Dist. 7 m	
CTDO								Dist. 6261442 m	
Haps Infauna	07:30:00	22,90	55°02,141	14°62,720	MILS	SNIE	LEHE	Dist. 14 m	
Haps Chem								Dist. 6261442 m	
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition			
Sediment type:	3	Sediment description:	Flora:	None	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)	
Clay (%)	1 %	Sandy bottom with gravel, small rocks and larger rocks	Invertebrates:	Rocks dom by attached blue mussels (10 %), barnacles (<1-1 %), hydrozoans (<1 %), bryozoans (<1 %)	0 %	-	Sand and gravel, and minor amount of clay (sample contains material from 3 incomplete haps-attempts due to rocky bottom)	Sand and gravel	
Mud/silt (%)	%				Overall coverage	Smell (Infauna)			Visible species (Infauna)
Sand (%)	65 %		Fish:	Sand goby, European flounder (<1 %), flounder tracks	2-10 %	None	None		
Gravel (%)	9 %				Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)	
Cobbles <10 cm (%)	10 %				0 %	-			
Boulders >10 cm (%)	15 %		Video file id:	CC1_04			Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)			
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity	
Clay (%)			Invertebrates:		Overall coverage	Depth	Temperature	Remarks	
Mud/silt (%)					Overall coverage				
Sand (%)			Fish:		Overall coverage	Others	QA: PEPE, Difficult to quantify invertebrates due to dense macroalgae coverage. Liv		
Gravel (%)					Overall coverage				
Cobbles <10 cm (%)			Video file id:						
Boulders >10 cm (%)									

Kunde:	Energinet	Date:	2022-03-06	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	6 m/s	Station:	CC1_05	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	0,3	Note:	-	55°03,145	14°61,130	24 m
ROV	Yes	Infauna	No	Chemistry	No	Expected substrate	Sedimentary rock	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	08:19:00	24,00	55°03,148	14°61,150	SNIE	LEHE	PEPE	Dist. 13 m
CTDO								Dist. 6262211 m
Haps Infauna								Dist. 6262211 m
Haps Chem								Dist. 6262211 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	2	Sediment description: Sandy bottom, fine and distinct ripples, patches of rocks in the area	Flora:	Hildenbrandia (<1 %). Substrate specific coverage: <1 %	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	%		Invertebrates:	Rocks: dom by blue mussels (5 %), barnacles (<1 %) and calcareous tube worms (Serpulidae)(<1 %); additionally bryozoans (<1 %), lugworm pile (<1 %)	<1 %	-		
Mud/silt (%)	%		Fish:	Sand goby, European flounder (<1 %), flounder tracks	Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	93 %		Video file id:	CC1_05	1-4 %			
Gravel (%)	%				Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)
Cobbles <10 cm (%)	2 %				<1 %	-		
Boulders >10 cm (%)	5 %					Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description: Sandy bottom, fine and distinct ripples, patches of rocks in the area	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:		Overall coverage	Depth	Temperature	Remarks
Mud/silt (%)			Fish:		Overall coverage	Others	QA: PEPE, Difficult to quantify invertebrates due to dense macroalgae coverage. Liv	
Sand (%)			Video file id:					
Gravel (%)								
Cobbles <10 cm (%)								
Boulders >10 cm (%)								

Kunde:	Energinet	Date:	2022-03-06	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)		Station:	CC1_06	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)		Note:	HAPS-sampling impossible due to the sediment type. 3 attempts were made.	55°04,400	14°58,861	26 m
ROV	Yes	Infauna	Yes	Chemistry	Yes	Expected substrate	Sand	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	08:39:00	27,20	55°04,408	14°58,835	SNIE	LEHE	PEPE	Dist. 19 m
CTDO								Dist. 6263103 m
Haps Infauna								Dist. 6263103 m
Haps Chem								Dist. 6263103 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	1b	Sediment description:	Flora:	None	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	%	Sandy bottom with wave ribbles, gravel, and some limestone. A large piece of wood (log) with invertebrates on.	Invertebrates:	Dom by attached (2-4 %) and mobile (<1-1 %) blue mussels, barnacles (<1 %), calcareous tube worms (<1 %), bryozoans (<1 %)	0 %	-		
Mud/silt (%)	%		Fish:	Sand goby, European flounder (<1 %), flounder tracks	Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	85 %		Video file id:	CC1_06	1-3 %			
Gravel (%)	10 %				Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)
Cobbles <10 cm (%)	5 %				0 %	-		
Boulders >10 cm (%)	%					Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:					
Mud/silt (%)			Fish:		Overall coverage	Depth	Temperature	Remarks
Sand (%)			Video file id:					
Gravel (%)					Overall coverage			
Cobbles <10 cm (%)						Others	QA: PEPE, Difficult to quantify invertebrates due to dense macroalgae coverage. Liv	
Boulders >10 cm (%)								

Kunde:	Energinet	Date:	2022-03-06	Area:	Baltic Sea	Planned target			
Project:	ENOE	Wind speed (m/s)	5 m/s	Station:	CC1_07	Northing	Easting	Depth	
Vessel	Skoven	Wave height (m)	0,2	Note:	-	55°04,931	14°57,216	33 m	
ROV	Yes	Infauna	No	Chemistry	No	Expected substrate	Quaternary clay and silt		
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance	
ROV	09:05:00	33,50	55°04,934	14°57,236	SNIE	LEHE	PEPE	Dist. 13 m	
CTDO								Dist. 6263349 m	
Haps Infauna								Dist. 6263349 m	
Haps Chem								Dist. 6263349 m	
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition			
Sediment type:	1b	Sediment description:	Flora:	None	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)	
Clay (%)	%	Sand, distinct wave ripples, some gravel.	Invertebrates:	Sand: dom by piles of lugworms(1-5 %), and tubes of Pygospio elegans (1-2 %), clusters of blue mussels (1-2 %), barnacles (<1 %) few shells from bivalves.	0 %	-			
Mud/silt (%)	%				Overall coverage	Smell (Infauna)	Visible species (Infauna)		
Sand (%)	95 %		1-5 %						
Gravel (%)	5 %		Overall coverage	Fish:	Sand goby, European flounder (<1 %), flounder tracks	Photo id (Chem)	Composition (Chem)	Colour (Chem)	
Cobbles <10 cm (%)	%					<1 %			
Boulders >10 cm (%)	%		Video file id:	CC1_07			Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)			
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity	
Clay (%)			Invertebrates:		Overall coverage	Depth	Temperature	Remarks	
Mud/silt (%)									
Sand (%)			Overall coverage	Fish:			Others	QA: PEPE, Difficult to quantify invertebrates due to dense macroalgae coverage. Liv	
Gravel (%)									
Cobbles <10 cm (%)			Video file id:						
Boulders >10 cm (%)									

Kunde:	Energinet	Date:	2022-03-06	Area:	Baltic Sea	Planned target			
Project:	ENOE	Wind speed (m/s)	5 m/s	Station:	CC1_08	Northing	Easting	Depth	
Vessel	Skoven	Wave height (m)	0,3	Note:	-	55°05,261	14°58,907	27 m	
ROV	Yes	Infauna	No	Chemistry	No	Expected substrate	Quaternary clay and silt		
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance	
ROV	09:14:00	28,70	55°05,262	14°58,940	SNIE	LEHE	PEPE	Dist. 21 m	
CTDO								Dist. 6264025 m	
Haps Infauna								Dist. 6264025 m	
Haps Chem								Dist. 6264025 m	
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition			
Sediment type:	1b	Sediment description:	Flora:	None	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)	
Clay (%)	%	Sandy bottom, distinct wave ripples.	Invertebrates:	Dom by mobile (<1-2 %) and attached (<1-2 %) blue mussels and shells , barnacles (<1 %), piles from lugworms (<1 %), jellyfish (<1 %)	0 %	-			
Mud/silt (%)	%				Overall coverage	Smell (Infauna)	Visible species (Infauna)		
Sand (%)	98 %		Overall coverage	1-2 %					
Gravel (%)	2 %		Fish:	Sand goby, European flounder (<1 %), flounder tracks	Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)	
Cobbles <10 cm (%)	%				<1 %	-			
Boulders >10 cm (%)	%		Video file id:	CC1_08			Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)			
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity	
Clay (%)			Invertebrates:						
Mud/silt (%)					Overall coverage	Depth	Temperature	Remarks	
Sand (%)			Fish:		Overall coverage				
Gravel (%)									
Cobbles <10 cm (%)			Video file id:				Others	QA: PEPE, Difficult to quantify invertebrates due to dense macroalgae coverage. Liv	
Boulders >10 cm (%)									

Kunde:	Energinet	Date:	2022-03-06	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)		Station:	CC1_09	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)		Note:	Difficult to make HAPS samples. No chemical HAPS due to rocks. Small infauna HAPS	55°05,936	14°56,951	36 m
ROV	Yes	Infauna	Yes	Chemistry	Yes	Expected substrate	Sand	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	09:30:00	36,20	55°05,953	14°56,971	SNIE	LEHE	PEPE	Dist. 23 m
CTDO								Dist. 6264363 m
Haps Infauna	09:40:00	36,20	55°05,931	14°56,986	SNIE	LEHE	PEPE	Dist. 23 m
Haps Chem								Dist. 6264363 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	1b	Sediment description:	Flora:	None	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	%	Sandy bottom with ripples, fine sand, halocline	Invertebrates:	Dom by tubes from Pygospio elegans (1-15 %), and lugworm piles (1-5 %)	0 %	-	Sand, gravel	Grey
Mud/silt (%)	5 %				Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	90 %		1-15 %	No smell	Shells, tubes from polychaetes			
Gravel (%)	5 %		Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)		
Cobbles <10 cm (%)	%			0 %	-			
Boulders >10 cm (%)	%		Video file id:	CC1_09		Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:		Overall coverage	Depth	Temperature	Remarks
Mud/silt (%)						Overall coverage		
Sand (%)			Overall coverage	Fish:		Others	QA: PEPE, Difficult to quantify invertebrates due to dense macroalgae coverage. Liv	
Gravel (%)								
Cobbles <10 cm (%)			Video file id:					
Boulders >10 cm (%)								

Kunde:	Energinet	Date:	2022-03-06	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)		Station:	CC1_10	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)		Note:	-	55°06,773	14°55,360	36 m
ROV	Yes	Infauna	Yes	Chemistry	Yes	Expected substrate	Sand	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	09:53:00	38,80	55°06,794	14°55,357	SNIE	LEHE	PEPE	Dist. 23 m
CTDO								Dist. 6264944 m
Haps Infauna	10:00:00	38,80	55°06,783	14°55,349	SNIE	LEHE	PEPE	Dist. 13 m
Haps Chem	10:02	38,80	55°06,784	14°55,364	SNIE	LEHE	PEPE	Dist. 13 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	1a	Sediment description:	Flora:	None	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	%	Fine sand bottom with fine wave ripples, some silt	Invertebrates:	Sand bottom dom. by tubes from Pygospio elegans (10-15 %) and piles of lugworms (5-15 %), and few shells from Arctica islandica <1 %	0 %	-	Sand, silt, gravel	Grey
Mud/silt (%)	5 %				Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	95 %		10-15 %	Weak sulfur	Polychaetes, bivalves			
Gravel (%)	%		Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)		
Cobbles <10 cm (%)	%		<1 %	-	Sand, silt	Grey		
Boulders >10 cm (%)	%		Video file id:	CC1_10		Smell (Chem): Weak sulfur	Visible species (Chem): None	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:		Overall coverage	Depth	Temperature	Remarks
Mud/silt (%)						Overall coverage	Others	QA: PEPE, Difficult to quantify invertebrates due to dense macroalgae coverage. Liv
Sand (%)			Overall coverage					
Gravel (%)					Video file id:			
Cobbles <10 cm (%)								
Boulders >10 cm (%)								

Kunde:	Energinet	Date:	2022-03-06	Area:	Baltic Sea	Planned target			
Project:	ENOE	Wind speed (m/s)	6 m/s	Station:	CC1_11	Northing	Easting	Depth	
Vessel	Skoven	Wave height (m)	0,4	Note:	Difficult to sample HAPS due to sediment composition, five tries in total	55°07,676	14°53,937	40 m	
ROV	Yes	Infauna	Yes	Chemistry	Yes	Expected substrate	Sand		
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance	
ROV	10:15:00	39,30	55°07,670	14°53,920	SNIE	MILS	PEPE	Dist. 13 m	
CTDO								Dist. 6265628 m	
Haps Infauna	10:30:00	39,30	55°07,678	14°53,974	SNIE	MILS	PEPE	Dist. 24 m	
Haps Chem	10:35	39,30	55°07,678	14°53,974	SNIE	MILS	PEPE	Dist. 24 m	
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition			
Sediment type:	2	Sediment description:	Flora:	None	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)	
Clay (%)	%	Sandy, silty bottom, some rocks, some clay.		Invertebrates:	Dom by hydroids (1-4 %), piles of lugworms (1-2 %), tubes of Pygospio elegans (1 %), A. islandica (1 %); additional blue mussels (<1 %), barnacles (<1 %), starfish (<1 %)	0 %	-	Sand, gravel, silt, clay	Grey
Mud/silt (%)	10 %				Fish:	Sand goby, European flounder (<1 %), flounder tracks	Overall coverage	Smell (Infauna)	Visible species (Infauna)
Sand (%)	66 %			Video file id:		CC1_11	1-4 %	None	Some bivalves, tubes from worms.
Gravel (%)	10 %				Smell (Chem): None		Visible species (Chem): None	Overall coverage	Photo id (Chem)
Cobbles <10 cm (%)	10 %			-		Sand, gravel, silt, clay		Grey	
Boulders >10 cm (%)	4 %								
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)			
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity	
Clay (%)				Invertebrates:					
Mud/silt (%)					Fish:		Overall coverage	Depth	Temperature
Sand (%)				Video file id:					
Gravel (%)								Overall coverage	Others QA: PEPE, Difficult to quantify invertebrates due to dense macroalgae coverage. Liv
Cobbles <10 cm (%)									
Boulders >10 cm (%)									

Kunde:	Energinet	Date:	2022-03-06	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	6 m/s	Station:	CC1_12	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	0,5	Note:	-	55°08,544	14°52,147	42 m
ROV	Yes	Infauna	Yes	Chemistry	Yes	Expected substrate	Muddy sand	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	10:47:00	44,10	55°08,556	14°52,108	SNIE	MILS	PEPE	Dist. 28 m
CTDO								Dist. 6266205 m
Haps Infauna	10:54:00	44,10	55°08,537	14°52,146	SNIE	MILS	PEPE	Dist. 8 m
Haps Chem	10:57	44,10	55°08,537	14°52,146	SNIE	MILS	PEPE	Dist. 8 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	1a/1b	Sediment description:	Flora:	None	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	%	Fine sandy silty bottom with unclear wave ripples.	Invertebrates:	Sand bottom dom. by piles of lugworms (2-3 %), Arctica islandica (<1-2 %), tubes from Pygospio elegans (<1 %); additionally shrimp (<1 %)	0 %	-	Fine sand, silt	Brown, grey
Mud/silt (%)	70 %				Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	30 %		1-3 %	None	Worms, bivalves (Arctica islandica).			
Gravel (%)	%		Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)		
Cobbles <10 cm (%)	%		<1 %	-	Fine sand, silt	Brown, grey		
Boulders >10 cm (%)	%		Video file id:	CC1_12			Smell (Chem)	Visible species (Chem)
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:		Overall coverage	Depth	Temperature	Remarks
Mud/silt (%)					Overall coverage	Others QA: PEPE, Difficult to quantify invertebrates due to dense macroalgae coverage. Liv		
Sand (%)			Overall coverage					
Gravel (%)			Overall coverage					
Cobbles <10 cm (%)			Overall coverage					
Boulders >10 cm (%)			Video file id:					

Kunde:	Energinet	Date:	2022-03-06	Area:	Baltic Sea	Planned target			
Project:	ENOE	Wind speed (m/s)	6 m/s	Station:	CC1_13	Northing	Easting	Depth	
Vessel	Skoven	Wave height (m)	0,5	Note:	The ROV was difficult due to current and wind pulling the ship	55°08,439	14°50,226	44 m	
ROV	Yes	Infauna	Yes	Chemistry	Yes	Expected substrate	Muddy sand		
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance	
ROV	11:14:00	45,30	55°08,456	14°50,244	SNIE	MILS	PEPE	Dist. 22 m	
CTDO								Dist. 6265726 m	
Haps Infauna	11:22:00	45,30	55°08,435	14°50,174	SNIE	MILS	PEPE	Dist. 33 m	
Haps Chem	11:25:00	45,30	55°08,439	14°50,226	SNIE	MILS	PEPE	Dist. m	
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition			
Sediment type:	1a	Sediment description:	Silty sandy bottom	Flora:	None	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	%			Invertebrates:	Dom by piles and holes of lugworms (1-5 %) and tubes from Pygospio elegans (1-2 %)	0 %	INF_CC1_13	Silt, fine sand	Ligth grey top layer, grey below
Mud/silt (%)	80 %			Fish:	Sand goby, European flounder (<1 %), flounder tracks	1-5 %	None	Bivalves, small worms	
Sand (%)	20 %			Video file id:	CC1_13	Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)
Gravel (%)	%					<1 %	-		
Cobbles <10 cm (%)	%								
Boulders >10 cm (%)	%								
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)			
Sediment type:		Sediment description:		Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)				Invertebrates:					
Mud/silt (%)				Fish:					
Sand (%)				Video file id:					
Gravel (%)									
Cobbles <10 cm (%)									
Boulders >10 cm (%)									
						Others	QA: PEPE, Difficult to quantify invertebrates due to dense macroalgae coverage. Liv		

Kunde:	Energinet	Date:	2022-03-06	Area:	Baltic Sea	Planned target				
Project:	ENOE	Wind speed (m/s)	6 m/s	Station:	CC1_14	Northing	Easting	Depth		
Vessel	Skoven	Wave height (m)	0,5	Note:	-	55°08,334	14°48,221	44 m		
ROV	Yes	Infauna	Yes	Chemistry	Yes	Expected substrate	Mud and sandy mud			
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance		
ROV	11:53:00	47,00	55°08,319	14°48,220	MILS	PEPE	SNIE	Dist. 16 m		
CTDO								Dist. 6265230 m		
Haps Infauna	12:01:00	47,00	55°08,327	14°48,221	MILS	PEPE	LEHE	Dist. 7 m		
Haps Chem	12:04	47,00	55°08,323	14°48,238	MILS	PEPE	LEHE	Dist. 16 m		
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition				
Sediment type:	1a	Sediment description:	Silt, fine grained sand, weak ripples, generally flat, homogenous	Flora:	None	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)	
Clay (%)	%					0 %	-	Fine sand, silt and mud	Variations of gray	
Mud/silt (%)	80 %				Invertebrates:	Dom by piles of lugworms (1 %), white shell fragments (1 %), tunicates (<1 %), attached blue mussels to rock (<1 %), barnacles (<1 %), shrimp (<1 %), a polychaete tube attached to rock.	Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	20 %					1 %	None	Bivalve		
Gravel (%)	%				Fish:	Sand goby, European flounder (<1 %), flounder tracks	Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)
Cobbles <10 cm (%)	%					<1 %	-	Fine sand, silt and mud	Variations of gray, but darker than infauna sample	
Boulders >10 cm (%)	<1 %				Video file id:	CC1_14	Smell (Chem): None	Visible species (Chem): No visible fauna		
ROV Secondary visual verification (sediment)				ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)			
Sediment type:		Sediment description:		Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity	
Clay (%)										
Mud/silt (%)					Invertebrates:		Overall coverage	Depth	Temperature	Remarks
Sand (%)										
Gravel (%)					Fish:		Overall coverage	Others QA: PEPE, Difficult to quantify invertebrates due to dense macroalgae coverage. Liv		
Cobbles <10 cm (%)										
Boulders >10 cm (%)					Video file id:					

Kunde:	Energinet	Date:	2022-03-06	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	7 m/s	Station:	CC1_15	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	0,5	Note:	-	55°08,227	14°45,989	39 m
ROV	Yes	Infauna	Yes	Chemistry	Yes	Expected substrate	Muddy sand	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	12:16:00	39,40	55°08,208	14°46,007	MILS	PEPE	LEHE	Dist. 24 m
CTDO								Dist. 6264691 m
Haps Infauna	12:23:00	39,40	55°08,224	14°45,983	MILS	PEPE	LEHE	Dist. 5 m
Haps Chem	12:26	39,40	55°08,225	14°45,987	MILS	PEPE	LEHE	Dist. 2 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	2a	Sediment description:	Flora:	None	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	%	Mostly gravel substrate with a bit of sand. Sand ripples between gravel patches.	Invertebrates:	Dom by hydrozoans (1-3 %), tubes from Pygospio elegans (1%), blue mussels (1 %), barnacles (<1 %)	0 %	-	Gravel with cobblestone and sand (Haps only half full)	Sandy and gravel- colours
Mud/silt (%)	%			Fish:	Sand goby, European flounder (<1 %), flounder tracks	Overall coverage	Smell (Infauna)	Visible species (Infauna)
Sand (%)	30 %		Video file id:		CC1_15	1-3 %	None	Bivalve and shells
Gravel (%)	20 %			Smell (Chem): None		Visible species (Chem): Polychaetes	Overall coverage	Photo id (Chem)
Cobbles <10 cm (%)	50 %						0 %	-
Boulders >10 cm (%)	%							
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:					
Mud/silt (%)				Fish:		Overall coverage	Depth	Temperature
Sand (%)			Video file id:					
Gravel (%)							Overall coverage	Others QA: PEPE, Difficult to quantify invertebrates due to dense macroalgae coverage. Liv
Cobbles <10 cm (%)								
Boulders >10 cm (%)								

Kunde:	Energinet	Date:	2022-03-05	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	2 m/s	Station:	CC2_01	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	0,2	Note:	-	54°99,157	14°70,705	16 m
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Till/Diamicton	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	21:09:00	16,20	54°99,148	14°70,702	SNIE	MILS	PEPE	Dist. 10 m
CTDO								Dist. 6259843 m
Haps Infauna	21:20:00	16,20	54°99,148	14°70,702	SNIE	MILS	PEPE	Dist. 10 m
Haps Chem								Dist. 6259843 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	3	Sediment description:	Flora:	Brown crust (1-2 %), Hildenbrandia (<1 %), drifting Saccharina latissima (<1 %). Substrate specific coverage: 1-2 %	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	%	Mixed sandy bottom with boulders, cobbles, gravel, and wave ripples in sandy areas.	Invertebrates:	Rocks dom by attached blue mussels (25-35 %) (90 % coverage on hard substrates), barnacles (1-2 %); additionally shirmp (<1 %), bryozoans on Saccharina latissima (<1 %), calcareous tube worms (<1 %)	<1-2 %	INF_CC2_01	Sand, gravel	Grey
Mud/silt (%)	%				Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	60 %		10-35 %	None	None			
Gravel (%)	10 %		Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)		
Cobbles <10 cm (%)	10 %						<1 %	-
Boulders >10 cm (%)	20 %		Video file id:	CC2_01		Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:		Overall coverage	Depth	Temperature	Remarks
Mud/silt (%)					Overall coverage	Others		
Sand (%)			Overall coverage	Video file id:	QA: PEPE, Difficult to quantify invertebrates due to dense macroalgae coverage. Liv			
Gravel (%)								
Cobbles <10 cm (%)								
Boulders >10 cm (%)								

Kunde:	Energinet	Date:	2022-03-05	Area:	Baltic Sea	Planned target			
Project:	ENOE	Wind speed (m/s)	2 m/s	Station:	CC2_02	Northing	Easting	Depth	
Vessel	Skoven	Wave height (m)	0,2	Note:	-	54°98,830	14°69,203	17 m	
ROV	Yes	Infauna	No	Chemistry	No	Expected substrate	Till/Diamicton		
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance	
ROV	20:56:00	10,40	54°98,852	14°69,211	SNIE	LEHE	PEPE	Dist. 25 m	
CTDO								Dist. 6259206 m	
Haps Infauna								Dist. 6259206 m	
Haps Chem								Dist. 6259206 m	
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition			
Sediment type:	4	Sediment description:	Bedrock (100 %), reef, around some sand, gravels and cobbles	Flora:	Polysiphonia (<1 %). Substrate specific coverage: <1 %	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	%			Invertebrates:	Dom by blue mussels reef/bed (97 %) and barnacles (5-10 %).	<1 %	-		
Mud/silt (%)	%			Fish:	Sand goby, European flounder (<1 %), flounder tracks	80-100 %	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	%					<1 %	Photo id (Chem)	Composition (Chem)	Colour (Chem)
Gravel (%)	%			Video file id:	CC2_02				
Cobbles <10 cm (%)	%						Smell (Chem)	Visible species (Chem)	
Boulders >10 cm (%)	100 %								
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)			
Sediment type:		Sediment description:		Flora:	Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity	
Clay (%)				Invertebrates:					
Mud/silt (%)				Fish:			Depth	Temperature	Remarks
Sand (%)									
Gravel (%)				Video file id:			Others	QA: PEPE, Difficult to quantify invertebrates due to dense macroalgae coverage. Liv	
Cobbles <10 cm (%)									
Boulders >10 cm (%)									

Kunde:	Energinet	Date:	2022-03-05	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	2 m/s	Station:	CC2_03	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	0,3	Note:	-	54°98,294	14°69,794	16 m
ROV	Yes	Infauna	No	Chemistry	No	Expected substrate	Till/Diamicton	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	20:40:00	18,00	54°98,316	14°69,808	SNIE	MILS	PEPE	Dist. 26 m
CTDO								Dist. 6258753 m
Haps Infauna								Dist. 6258753 m
Haps Chem								Dist. 6258753 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	4	Sediment description:	Flora:	None	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	%	Bedrock, sand, small and big rocks	Invertebrates:	Bedrocks is dom. by blue mussel bed (80 %), and barnacles (2-4 %), bryozoans (<1 %)	0 %	-		
Mud/silt (%)	%				Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	25 %		75-80 %					
Gravel (%)	5 %		Fish:	Sand goby, European flounder (<1 %), flounder tracks	Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)
Cobbles <10 cm (%)	20 %				<1 %	-		
Boulders >10 cm (%)	50 %		Video file id:	CC2_03		Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:		Overall coverage	Depth	Temperature	Remarks
Mud/silt (%)								
Sand (%)			Fish:		Overall coverage	Others QA: PEPE, Difficult to quantify invertebrates due to dense macroalgae coverage. Liv		
Gravel (%)								
Cobbles <10 cm (%)			Video file id:					
Boulders >10 cm (%)								

Kunde:	Energinet	Date:	2022-03-05	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	2 m/s	Station:	CC2_04	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	0,3	Note:	-	54°97,361	14°68,816	18 m
ROV	Yes	Infauna	Yes	Chemistry	Yes	Expected substrate	Sand	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	20:16:00	18,90	54°97,361	14°68,816	SNIE	LEHE	PEPE	Dist. m
CTDO								Dist. 6257575 m
Haps Infauna	20:31:00	18,90	54°97,369	14°68,809	SNIE	LEHE	PEPE	Dist. 10 m
Haps Chem	20:33	18,90	54°97,369	14°68,809	SNIE	LEHE	PEPE	Dist. 10 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	2	Sediment description: Sandy bottom with rocks, gravel, and distinct ripples.	Flora:	Brown crust (<1 %). Substrate specific coverage: <1 %	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	%		Invertebrates:	Dom by blue mussels (2-15 %), barnacles (<1-1 %), bryozoans (<1%), calcareous tube worm (serpulidae) (<1 %)	<1 %	INF_CC2_04	Sand, gravel	Grey
Mud/silt (%)	%		Fish:	Sand goby, European flounder (<1 %), flounder tracks	Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	80 %		Video file id:	CC2_04	2-15 %	None	Small worms, bivalves	
Gravel (%)	12 %				Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)
Cobbles <10 cm (%)	5 %				0 %	-	Sand, gravel.	Grey
Boulders >10 cm (%)	3 %					Smell (Chem): None	Visible species (Chem): None	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:		Overall coverage	Depth	Temperature	Remarks
Mud/silt (%)			Fish:		Overall coverage	Others QA: PEPE, Difficult to quantify invertebrates due to dense macroalgae coverage. Liv		
Sand (%)			Video file id:					
Gravel (%)								
Cobbles <10 cm (%)								
Boulders >10 cm (%)								

Kunde:	Energinet	Date:	2022-03-05	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	3 m/s	Station:	CC2_05	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	0,3	Note:	-	54°95,931	14°68,793	19 m
ROV	Yes	Infauna	Yes	Chemistry	Yes	Expected substrate	Sand	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	19:54:00	18,70	54°95,925	14°68,780	SNIE	LEHE	PEPE	Dist. 10 m
CTDO								Dist. 6256055 m
Haps Infauna	20:01:00	18,70	54°95,929	14°68,777	SNIE	LEHE	PEPE	Dist. 10 m
Haps Chem	20:03	18,70	54°95,929	14°68,777	SNIE	LEHE	PEPE	Dist. 10 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	1b	Sediment description:	Flora:	None	Substrate specific coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	%	Sand, gravel, clear wave ripples.	Invertebrates:	Dom by mobile clusters blue mussels (1-2 %) and barnacle (<1 %), few white shell fragments from Myidea (<1 %)	0 %	INF_CC2_05	Gravel	Grey
Mud/silt (%)	%				Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	85 %		1-2 %	None	empty shells, worm			
Gravel (%)	15 %		Fish:	Sand goby, European flounder (<1 %), flounder tracks	Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)
Cobbles <10 cm (%)	%				<1 %	-	Gravel	Grey
Boulders >10 cm (%)	%		Video file id:	CC2_05			Smell (Chem)	Visible species (Chem)
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:		Overall coverage	Depth	Temperature	Remarks
Mud/silt (%)					Overall coverage	Others QA: PEPE, Difficult to quantify invertebrates due to dense macroalgae coverage. Liv		
Sand (%)			Overall coverage					
Gravel (%)			Overall coverage					
Cobbles <10 cm (%)			Overall coverage					
Boulders >10 cm (%)			Video file id:					

Kunde:	Energinet	Date:	2022-03-05	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	3 m/s	Station:	CC2_06	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	0,3	Note:	-	54°94,609	14°69,418	18 m
ROV	Yes	Infauna	Yes	Chemistry	Yes	Expected substrate	Sand	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	19:35:00	17,80	54°94,602	14°69,425	SNIE	LEHE	PEPE	Dist. 9 m
CTDO								Dist. 6254778 m
Haps Infauna	19:40:00	17,80	54°94,601	14°69,440	SNIE	LEHE	PEPE	Dist. 17 m
Haps Chem	19:42	17,80	54°94,609	14°69,418	SNIE	LEHE	PEPE	Dist. m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	1b	Sediment description:	Flora:	None	Substrate specific coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	%	Sandy, gravel, wave ribbles, a large piece of wood	Invertebrates:	Dom by blue mussels (1-4 %), barnacles (<1 %) and bryozoans (<1 %)	0 %	INF_CC2_06	Sand, gravel, wood	Grey
Mud/silt (%)	%				Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	80 %		1-4 %	no smell	shells from bivalves.			
Gravel (%)	20 %		Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)		
Cobbles <10 cm (%)	%		0 %	-	Sand, gravel	Grey		
Boulders >10 cm (%)	%		Video file id:	CC2_06		Smell (Chem): None	Visible species (Chem): None	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:		Overall coverage	Depth	Temperature	Remarks
Mud/silt (%)					Overall coverage	Others QA: PEPE, Difficult to quantify invertebrates due to dense macroalgae coverage. Liv		
Sand (%)			Overall coverage					
Gravel (%)			Overall coverage					
Cobbles <10 cm (%)			Overall coverage					
Boulders >10 cm (%)			Video file id:					

Kunde:	Energinet	Date:	2022-03-05	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	3 m/s	Station:	CC2_07	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	0,3	Note:	-	54°93,413	14°70,021	17 m
ROV	Yes	Infauna	Yes	Chemistry	Yes	Expected substrate	Sand	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	19:18:00	16,10	54°93,424	14°70,040	SNIE	LEHE	PEPE	Dist. 17 m
CTDO								Dist. 6253628 m
Haps Infauna	19:22:00	16,10	54°93,428	14°70,034	SNIE	LEHE	PEPE	Dist. 19 m
Haps Chem	19:24	16,10	54°93,428	14°70,034	SNIE	LEHE	PEPE	Dist. 19 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	1b	Sediment description:	Flora:	None	Substrate specific coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	%	Sandy bottom, some silt, large sharp wave ripples.	Invertebrates:	Dom by individuals of mobile blue mussels (<1 %), barnacles (<1 %), white shell fragments (<1 %), common cockle (<1 %)	0 %	INF_CC2_07	Sand, gravel	Grey
Mud/silt (%)	%				Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	90 %		<1-1 %	None	Some bivalves			
Gravel (%)	10 %		Fish:	Sand goby, European flounder (<1 %), flounder tracks	Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)
Cobbles <10 cm (%)	%				<1 %	-	Sand, gravel	Grey
Boulders >10 cm (%)	%		Video file id:	CC2_07			Smell (Chem): None	Visible species (Chem): None
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:		Overall coverage	Depth	Temperature	Remarks
Mud/silt (%)					Overall coverage	Others QA: PEPE, Difficult to quantify invertebrates due to dense macroalgae coverage. Liv		
Sand (%)			Overall coverage					
Gravel (%)			Overall coverage					
Cobbles <10 cm (%)			Overall coverage					
Boulders >10 cm (%)			Video file id:					

Kunde:	Energinet	Date:	2022-03-05	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	3 m/s	Station:	CC2_08	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	0,4	Note:	-	54°92,112	14°70,793	15 m
ROV	Yes	Infauna	Yes	Chemistry	Yes	Expected substrate	Sand	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	19:00:00	15,10	54°92,107	14°70,784	SNIE	LEHE	PEPE	Dist. 8 m
CTDO								Dist. 6252402 m
Haps Infauna	19:04:00	15,10	54°92,119	14°70,792	SNIE	LEHE	PEPE	Dist. 8 m
Haps Chem	19:06	15,10	54°92,119	14°70,792	SNIE	LEHE	PEPE	Dist. 8 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	1b	Sediment description:	Flora:	None	Substrate specific coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	%	Sandy bottom, sharp ripples, gravel	Invertebrates:	Dom by blue mussels (2-5 %), common cockle (<1 %), other bivalves (Mya) (<1 %), barnacles (<1 %)	0 %	INF_CC2_08	Sand, gravel	Grey
Mud/silt (%)	%				Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	90 %		2-5 %	None	Bivalves			
Gravel (%)	10 %		Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)		
Cobbles <10 cm (%)	%		<1 %	-	Sand, gravel	Grey		
Boulders >10 cm (%)	%		Video file id:	CC2_08		Smell (Chem): None	Visible species (Chem): None	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:		Overall coverage	Depth	Temperature	Remarks
Mud/silt (%)					Overall coverage	Others QA: PEPE, Difficult to quantify invertebrates due to dense macroalgae coverage. Liv		
Sand (%)			Overall coverage					
Gravel (%)			Overall coverage					
Cobbles <10 cm (%)			Video file id:					
Boulders >10 cm (%)								

Kunde:	Energinet	Date:	2022-03-05	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	3 m/s	Station:	CC2_09	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	0,4	Note:	-	54°90,589	14°71,493	14 m
ROV	Yes	Infauna	Yes	Chemistry	Yes	Expected substrate	Sand	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	18:40:00	14,70	54°90,583	14°71,493	SNIE	LEHE	PEPE	Dist. 7 m
CTDO								Dist. 6250926 m
Haps Infauna	18:44:00	14,70	54°90,592	14°71,498	SNIE	LEHE	PEPE	Dist. 4 m
Haps Chem	18:47	14,70	54°90,592	14°71,498	SNIE	LEHE	PEPE	Dist. 4 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	1b	Sediment description:	Flora:	None	Substrate specific coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	%	Sandy bottom, clear ripples.	Invertebrates:	Dom by mobile clusters of blue mussels (<1-1 %), and few barnacles (<1 %), white shell fragments.	0 %	INF_CC2_09	Sand, some gravel	Grey
Mud/silt (%)	7 %				Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	90 %		<1-1 %	None	Bivalve			
Gravel (%)	3 %		Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)		
Cobbles <10 cm (%)	%		<1 %	-	Sand, some gravel	Grey		
Boulders >10 cm (%)	%		Video file id:	CC2_09		Smell (Chem): None	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:		Overall coverage	Depth	Temperature	Remarks
Mud/silt (%)					Overall coverage	Others QA: PEPE, Difficult to quantify invertebrates due to dense macroalgae coverage. Liv		
Sand (%)			Overall coverage					
Gravel (%)			Overall coverage					
Cobbles <10 cm (%)			Overall coverage					
Boulders >10 cm (%)			Video file id:					

Kunde:	Energinet	Date:	2022-03-05	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	3 m/s	Station:	CC2_10	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	0,4	Note:	No infauna HAPS sample due to hard substrate	54°89,247	14°72,287	14 m
ROV	Yes	Infauna	Yes	Chemistry	Yes	Expected substrate	Sand	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	18:22:00	14,30	54°89,260	14°72,313	SNIE	LEHE	PEPE	Dist. 22 m
CTDO								Dist. 6249660 m
Haps Infauna								Dist. 6249660 m
Haps Chem	18:28	14,30	54°89,250	14°72,316	SNIE	LEHE	PEPE	Dist. 19 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	1b	Sediment description:	Flora:	None	Substrate specific coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	%	Sand, distinct sharp ripples, a bit gravel.	Invertebrates:	Dom by few invertebrates: blue mussels (<1 %), barnacles (<1 %), shell fragments (<1 %), piles of lugworm (<1 %)	0 %	-		
Mud/silt (%)	2 %				Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	93 %		Fish:	Sand goby, European flounder (<1 %), flounder tracks	<1-1 %			
Gravel (%)	5 %				Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)
Cobbles <10 cm (%)	%		Video file id:	CC2_10	0 %	ChemicalHapsCC2_10	Sand, gravel	Grey
Boulders >10 cm (%)	%					Smell (Chem): None	Visible species (Chem): Bivalve (Cardiidae)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:					
Mud/silt (%)					Overall coverage	Depth	Temperature	Remarks
Sand (%)			Fish:					
Gravel (%)					Overall coverage	Others QA: PEPE, Difficult to quantify invertebrates due to dense macroalgae coverage. Liv		
Cobbles <10 cm (%)			Video file id:					
Boulders >10 cm (%)								

Kunde:	Energinet	Date:	2022-03-05	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	3 m/s	Station:	CC2_11	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	0,2	Note:	-	54°88,090	14°72,955	14 m
ROV	Yes	Infauna	Yes	Chemistry	Yes	Expected substrate	Sand	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	18:02:00	14,20	54°88,081	14°72,949	SNIE	LEHE	PEPE	Dist. 11 m
CTDO								Dist. 6248566 m
Haps Infauna	18:07:00	14,20	54°88,090	14°72,953	SNIE	LEHE	PEPE	Dist. 1 m
Haps Chem	18:09	14,20	54°88,090	14°72,953	SNIE	LEHE	PEPE	Dist. 1 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	1b	Sediment description:	Flora:	None	Substrate specific coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	%	Sand bottom with wave ripples	Invertebrates:	Dom by mobile individuals and clusters of blue mussels (<1 %), barnacles (<1 %), shell fragments (<1 %)	0 %	INF_CC2_11	Pure sand	Grey
Mud/silt (%)	5 %				Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	95 %		<1 %	None	Shell fragments			
Gravel (%)	%		Fish:	Sand goby, European flounder (<1 %), flounder tracks	Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)
Cobbles <10 cm (%)	%		<1 %			-	Sand.	Grey
Boulders >10 cm (%)	%		Video file id:	CC2_11	Smell (Chem): None	Visible species (Chem): Myidea		
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:		Overall coverage	Depth	Temperature	Remarks
Mud/silt (%)					Overall coverage	Others QA: PEPE, Difficult to quantify invertebrates due to dense macroalgae coverage. Liv		
Sand (%)			Overall coverage					
Gravel (%)			Overall coverage					
Cobbles <10 cm (%)			Video file id:					
Boulders >10 cm (%)								

Kunde:	Energinet	Date:	2022-03-05	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	3 m/s	Station:	CC2_12	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	0,5	Note:	-	54°87,029	14°73,644	23 m
ROV	Yes	Infauna	Yes	Chemistry	Yes	Expected substrate	Sand	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	17:22:00	32 m	54°87,018	14°73,644	MILS	SNIE	LEHE	Dist. 12 m
CTDO								Dist. 6247577 m
Haps Infauna	17:29:00	32 m	54°87,032	14°73,632	MILS	SNIE	LEHE	Dist. 9 m
Haps Chem	17:31	32 m	54°87,032	14°73,636	MILS	SNIE	LEHE	Dist. 6 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	1b	Sediment description:	Flora:	None	Substrate specific coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	%	Sand bottom with low ripples, organic material inbetween ripples.	Invertebrates:	Dom by tubes from Pygospio elegans (1-15 %) and many spread clusters of blue mussels (1-5 %), with barnacles(<1 %), and small piles of lugworms (<1 %)	0 %	INF_CC2_12	Fine sand	Light brown to gray
Mud/silt (%)	10 %				Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	90 %		1-15 %	None	Gammarus, and M. edulis			
Gravel (%)	%		Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)		
Cobbles <10 cm (%)	%		<1 %	-	Fine sand	Light brown to gray		
Boulders >10 cm (%)	%		Video file id:	CC2_12			Smell (Chem)	Visible species (Chem)
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:		Overall coverage	Depth	Temperature	Remarks
Mud/silt (%)						Overall coverage	Others QA: PEPE, Difficult to quantify invertebrates due to dense macroalgae coverage. Liv	
Sand (%)			Overall coverage					
Gravel (%)			Overall coverage					
Cobbles <10 cm (%)			Overall coverage					
Boulders >10 cm (%)			Video file id:					

APPENDIX 3D – LOGBOOK FOR BIRD SPA AREA (SPA)

Kunde:	Energinet	Date:	2022-08-17	Area:	Baltic Sea	Planned target			
Project:	ENOE	Wind speed (m/s)	1 m/s	Station:	SPA_001	Northing	Easting	Depth	
Vessel	Sephia	Wave height (m)	0,1	Note:	-	55°09,268	14°67,215	15 m	
ROV	Yes	Infauna	No	Chemistry	No	Expected substrate	Sedimentary rock		
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance	
ROV	08:14	15,00	55°09,268	14°67,213	FGAI	PEPE	LEHE	Dist. 1 m	
CTDO								Dist. 6269875 m	
Haps Infauna								Dist. 6269875 m	
Haps Chem								Dist. 6269875 m	
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition			
Sediment type:	4	Sediment description:	Flora:	Dom by red bushes incl polysiphonia (20-30 %), callithamnion (20-30 %), and Furcellaria lumbricalis (30-80 %), hildenbrandia (1-3 %), brown crust (1-3 %), coccotylus (<1 %). Substrate specific: 30-80 %	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)	
Clay (%)	0%	Mixed bottom with sand, gravel, boulders and cobbles	Invertebrates:	Dom by attached blue mussels (10-20 %), barnacles (<1-1 %), calcareous tube worms on rocks (<1 %), bryozoans (<1 %), jellyfish (<1 %), hydrobia (<1 %)	Overall coverage	Smell (Infauna)	Visible species (Infauna)		
Mud/silt (%)	0%				10-20 %				
Sand (%)	20 %		Fish:	Round goby (<1 %)	Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)	
Gravel (%)	20 %				<1 %				
Cobbles <10 cm (%)	30 %		Video file id:	SPA_001			Smell (Chem)	Visible species (Chem)	
Boulders >10 cm (%)	30 %								
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)			
Sediment type:		Sediment description:	Flora:		Overall coverage	Oxygen %	Oxygen mg/l	Salinity	
Clay (%)			Invertebrates:		Overall coverage	Depth	Temperature	Remarks	
Mud/silt (%)									
Sand (%)			Fish:		Overall coverage	Others	QA: PEPE, Flora and invertebrates changed. Liv		
Gravel (%)									
Cobbles <10 cm (%)			Video file id:						
Boulders >10 cm (%)									

Kunde:	Energinet	Date:	2022-08-17	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	-	Station:	SPA_002	Northing	Easting	Depth
Vessel	Sephia	Wave height (m)	0,1	Note:	-	55°08,550	14°64,841	24 m
ROV	Yes	Infauna	No	Chemistry	No	Expected substrate	Sedimentary rock	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	07:34	24,10	55°08,543	14°64,845	FGAI	PEPE	LEHE	Dist. 8 m
CTDO								Dist. 6268655 m
Haps Infauna								Dist. 6268655 m
Haps Chem								Dist. 6268655 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	2	Sediment description:	Flora: Furcellaria (1 %), red bushes (<1 %), hildenbrania (<1 %). Substrate specific: 1 % Invertebrates: Rocks are dom by attached blue mussels (1-2 %), hydrozoans (1 %), barnacles (<1 %), bryozoans (<1 %), jellyfish (<1 %), hydrobia (<1 %) Fish: Sand goby (<1 %) Video file id: SPA_002	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)	
Clay (%)	0%	Sandy bottom with some boulders. Fine grained sand with clear wave ripples.		Overall coverage				
Mud/silt (%)	0%			Overall coverage	Smell (Infauna)	Visible species (Infauna)		
Sand (%)	95 %			Overall coverage				
Gravel (%)	0%			Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)	
Cobbles <10 cm (%)	1 %			Overall coverage				
Boulders >10 cm (%)	4 %			Overall coverage	Smell (Chem)	Visible species (Chem)		
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora: Invertebrates: Fish: Video file id:	Overall coverage	Oxygen %	Oxygen mg/l	Salinity	
Clay (%)				Overall coverage				
Mud/silt (%)				Overall coverage	Depth	Temperature	Remarks	
Sand (%)				Overall coverage				
Gravel (%)				Overall coverage	Others	QA: PEPE, Flora and invertebrates changed. Liv		
Cobbles <10 cm (%)				Overall coverage				
Boulders >10 cm (%)				Overall coverage				

Kunde:	Energinet	Date:	2022-03-11	Area:	Baltic Sea	Planned target			
Project:	ENOE	Wind speed (m/s)	11 m/s	Station:	SPA_003	Northing	Easting	Depth	
Vessel	Skoven	Wave height (m)	1,4 m	Note:	Cannot take HAPS sample due to sediment type	55°07,927	14°64,127	23 m	
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Sand		
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance	
ROV	15:52	20,50	55°07,915	14°64,135	MILS	SNIE	CELA	Dist. 14 m	
CTDO								Dist. 6267857 m	
Haps Infauna								Dist. 6267857 m	
Haps Chem								Dist. 6267857 m	
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition			
Sediment type:	4	Sediment description:	Big boulders and cobbles	Flora:	Dom by. red bushes(<1%), Saccharina latissima (<1%), Coccotylus (<1-5%). Substrate specific: 1-5 %	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%			Invertebrates:	Boulders and cobbles dom. By attached blue mussels (50-100%), barnacles (5-10 %), hydrozoans (<1-5%), calcareous tube worms (Serpulidae) (<1-1%)	<1-1 %			
Mud/silt (%)	0%			Fish:	None	Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	1 %					50-85 %			
Gravel (%)	0%			Video file id:	SPA_003	Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)
Cobbles <10 cm (%)	19 %					0 %			
Boulders >10 cm (%)	80 %						Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)			
Sediment type:		Sediment description:		Flora:		Overall coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)				Invertebrates:					
Mud/silt (%)				Fish:		Overall coverage	Depth	Temperature	Remarks
Sand (%)									
Gravel (%)				Video file id:			Others	QA: PEPE, Flora and invertebrate changed. Liv	
Cobbles <10 cm (%)									
Boulders >10 cm (%)									

Kunde:	Energinet	Date:	2022-03-11	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	11 m/s	Station:	SPA_004	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	1,4 m	Note:	-	55°06,582	14°62,991	22 m
ROV	Yes	Infauna	No	Chemistry	No	Expected substrate	Tiil/Diamicton	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	15:35	24,20	55°06,593	14°63,022	MILS	SNIE	CELA	Dist. 23 m
CTDO								Dist. 6266212 m
Haps Infauna								Dist. 6266212 m
Haps Chem								Dist. 6266212 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	3	Sediment description:	Flora:	Coccolytus (<1 %), brown crust (1 %), hildenbrandia (<1 %). Substrate specific: 1 %	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%	Boulders, cobbles and gravel scattered on a sand bed, and wave ripples	Invertebrates:	Rocks dom by blue mussels (20-40 %) with barnacles (1 %); additionally bryozoans (<1 %), calcareous tube worms (Serpulidae) (<1 %), hydrozoans (<1 %).	<1 %			
Mud/silt (%)	0%			Overall coverage	Smell (Infauna)	Visible species (Infauna)		
Sand (%)	35 %		20-40 %					
Gravel (%)	5 %		Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)		
Cobbles <10 cm (%)	40 %		0%	Fish:	None			
Boulders >10 cm (%)	20 %		Video file id:	SPA_004			Smell (Chem)	Visible species (Chem)
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Overall coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:					
Mud/silt (%)				Overall coverage	Depth	Temperature	Remarks	
Sand (%)								
Gravel (%)			Overall coverage	Others	QA: PEPE, Flora and invertebrate changed. Liv			
Cobbles <10 cm (%)								
Boulders >10 cm (%)			Video file id:					

Kunde:	Energinet	Date:	2022-03-11	Area:	Baltic Sea	Planned target					
Project:	ENOE	Wind speed (m/s)	11 m/s	Station:	SPA_005	Northing	Easting	Depth			
Vessel	Skoven	Wave height (m)	1,1 m	Note:	No haps-sample due to sediment type	55°06,493	14°66,585	15 m			
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Sand				
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance			
ROV	13:33	13,60	55°06,497	14°66,616	SNIE	MILS	PEPE	Dist. 20 m			
CTDO								Dist. 6266813 m			
Haps Infauna								Dist. 6266813 m			
Haps Chem								Dist. 6266813 m			
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition					
Sediment type:	4	Sediment description:	Flora:	Dom by. red bushes(<1-5 %), Saccharina latissima (<1 %), Coccotylus (<1-5 %), probably some Phycodrys (<1 %), brown crust (<1-5 %). Substrate specific: 5 %	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)			
Clay (%)	0%	Reef dominated by boulders, some cobbles, few patches of sand.	Invertebrates:	Boulders and cobbles dom. by blue mussels (50-90 %), barnacles (1-10 %) and calcareous tube worms (Serpulidae) (<1-5 %)	Overall coverage	Smell (Infauna)	Visible species (Infauna)				
Mud/silt (%)	0%		Fish:	None	Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)			
Sand (%)	15 %		Video file id:	SPA_005	Overall coverage	Smell (Chem)	Visible species (Chem)				
Gravel (%)	%		ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Cobbles <10 cm (%)	25 %		Flora:		Overall coverage	Oxygen %	Oxygen mg/l	Salinity			
Boulders >10 cm (%)	60 %		Invertebrates:		Overall coverage	Depth	Temperature	Remarks			
ROV Secondary visual verification (sediment)			Fish:		Overall coverage	Others	QA: PEPE, Flora and invertebrate changed. Liv				
Sediment type:		Sediment description:	Video file id:								
Clay (%)											
Mud/silt (%)											
Sand (%)											
Gravel (%)											
Cobbles <10 cm (%)											
Boulders >10 cm (%)											

Kunde:	Energinet	Date:	2022-08-17	Area:	Baltic Sea	Planned target			
Project:	ENOE	Wind speed (m/s)	1 m/s	Station:	SPA_006	Northing	Easting	Depth	
Vessel	Sephia	Wave height (m)	0,1	Note:	-	55°07,284	14°69,958	13 m	
ROV	Yes	Infauna	No	Chemistry	No	Expected substrate	Sedimentary rock		
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance	
ROV	07:53	13,00	55°07,282	14°69,960	FGAI	PEPE	LEHE	Dist. 2 m	
CTDO								Dist. 6268305 m	
Haps Infauna								Dist. 6268305 m	
Haps Chem								Dist. 6268305 m	
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition			
Sediment type:	2	Sediment description:	Flora:	Dom by red bushes (polysiphonia) (2-5 %), hildenbrandia (<1-1 %), Saccharina latissima (<1 %). Substrate specific: 5 %	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)	
Clay (%)	0%	Sandy bottom with some rocks, and wave ripples	Invertebrates:	Dom by attached blue mussels (2-10 %) with barnacles (1 %), shrimps (<1 %), bryozoans (<1 %), hydrobia (<1 %)	1-5 %				
Mud/silt (%)	0%				Overall coverage	Smell (Infauna)	Visible species (Infauna)		
Sand (%)	95 %		<1-10 %						
Gravel (%)	%		Fish:	Goby (<1 %)	Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)	
Cobbles <10 cm (%)	1 %		<1 %						
Boulders >10 cm (%)	4 %		Video file id:	SPA_006			Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)			
Sediment type:		Sediment description:	Flora:		Overall coverage	Oxygen %	Oxygen mg/l	Salinity	
Clay (%)			Invertebrates:						
Mud/silt (%)					Overall coverage	Depth	Temperature	Remarks	
Sand (%)									
Gravel (%)			Fish:		Overall coverage	Others	QA: PEPE, Flora and invertebrates changed. Liv		
Cobbles <10 cm (%)									
Boulders >10 cm (%)			Video file id:						

Kunde:	Energinet	Date:	2022-08-16	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	1 m/s	Station:	SPA_007	Northing	Easting	Depth
Vessel	Sephia	Wave height (m)	0,1	Note:	-	55°05,780	14°75,102	10 m
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Sand	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	20:30	8,30	55°05,778	14°75,108	FGAI	PEPE	LEHE	Dist. 5 m
CTDO								Dist. 6267713 m
Haps Infauna								Dist. 6267713 m
Haps Chem								Dist. 6267713 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	4	Sediment description:	Flora: Dom by Furcellaria (100 %), red bushes (polysiphonia, Callithamnion) attached to Furcellaria (30-50 %), fucus (<1 %). Substrate specific: 100 % Invertebrates: Dom by juvenile blue mussels attached to macroalgae (2-5 %), barnacles on a boulder (<1-1 %) Fish: Two spotted goby (<1 %) Video file id: SPA_007	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)	
Clay (%)	0%	Boulders and cobbles covered with macroalgae		Overall coverage				
Mud/silt (%)	0%			Overall coverage	Smell (Infauna)	Visible species (Infauna)		
Sand (%)	0%			Overall coverage				
Gravel (%)	0%			Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)	
Cobbles <10 cm (%)	50 %			Overall coverage				
Boulders >10 cm (%)	50 %			Overall coverage	Smell (Chem)	Visible species (Chem)		
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora: Invertebrates: Fish: Video file id:	Overall coverage	Oxygen %	Oxygen mg/l	Salinity	
Clay (%)				Overall coverage				
Mud/silt (%)				Overall coverage	Depth	Temperature	Remarks	
Sand (%)				Overall coverage				
Gravel (%)				Overall coverage	Others	NO haps possible due to sediment type (3 attempts). QA: PEPE, flora and invertebrates changed. Liv		
Cobbles <10 cm (%)				Overall coverage				
Boulders >10 cm (%)				Overall coverage				

Kunde:	Energinet	Date:	2022-08-16	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	1 m/s	Station:	SPA_008	Northing	Easting	Depth
Vessel	Sephia	Wave height (m)	0,1	Note:	-	55°05,160	14°74,037	11 m
ROV	Yes	Infauna	No	Chemistry	No	Expected substrate	Sedimentary rock	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	20:51	11,30	55°05,162	14°74,028	FGAI	PEPE	LEHE	Dist. 6 m
CTDO								Dist. 6266848 m
Haps Infauna								Dist. 6266848 m
Haps Chem								Dist. 6266848 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	3	Sediment description:	Flora:	Red bushes (polysiphonia and Callithamnion 10 %), Hildenbrandia (<1 %), Ectocarpus/Pylaiella. Substrate specific: 10 %	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%	Sandy bottom with cobbles and a few boulders. In between is sand with weak ripples.	Invertebrates:	Dom by attached blue mussels (15 %), with barnacles (<1 -1 %).	<1-10 %			
Mud/silt (%)	0%				Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	80 %		1-15 %					
Gravel (%)	0%		Fish:	Two-spotted goby (<1 %)	Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)
Cobbles <10 cm (%)	10 %		<1 %					
Boulders >10 cm (%)	10 %		Video file id:	SPA_008		Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Overall coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:		Overall coverage	Depth	Temperature	Remarks
Mud/silt (%)					Overall coverage			
Sand (%)			Fish:		Overall coverage	Others	QA: PEPE, Invertebrates and flora changed. Liv	
Gravel (%)			Video file id:					
Cobbles <10 cm (%)								
Boulders >10 cm (%)								

Kunde:	Energinet	Date:	2022-08-16	Area:	Baltic Sea	Planned target			
Project:	ENOE	Wind speed (m/s)	1 m/s	Station:	SPA_009	Northing	Easting	Depth	
Vessel	Sephia	Wave height (m)	0,1	Note:	-	55°05,248	14°70,162	14 m	
ROV	Yes	Infauna	No	Chemistry	No	Expected substrate	Sedimentary rock		
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance	
ROV	21:45	13,20	55°05,248	14°70,163	FGAI	PEPE	LEHE	Dist. 1 m	
CTDO								Dist. 6266189 m	
Haps Infauna								Dist. 6266189 m	
Haps Chem								Dist. 6266189 m	
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition			
Sediment type:	3	Sediment description:	Flora: Dom by red bushes (polysiphonia and Callithamnion) (5-10 %), and ectocarpus/pylaliella (5-10 %). Substrate specific: 7-15 %	Invertebrates: Dom by attached blue mussels (60 %) (90 % coverage on rocks), barnacles (2-5 %), jellyfish (<1 %), bryozoans (<1 %)	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)	
Clay (%)	0%	Mixed bottom with sand, cobbles and bouldes			Overall coverage	Smell (Infauna)	Visible species (Infauna)		
Mud/silt (%)	0%			Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)		
Sand (%)	65 %			Overall coverage	Smell (Chem)	Visible species (Chem)			
Gravel (%)	0%			Overall coverage					
Cobbles <10 cm (%)	15 %			Overall coverage					
Boulders >10 cm (%)	20 %			Overall coverage					
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)			
Sediment type:		Sediment description:	Flora:	Invertebrates:	Overall coverage	Oxygen %	Oxygen mg/l	Salinity	
Clay (%)					Overall coverage	Depth	Temperature	Remarks	
Mud/silt (%)				Overall coverage	Others	QA: PEPE, Flora and invertebrates changed. Liv			
Sand (%)				Overall coverage					
Gravel (%)				Overall coverage					
Cobbles <10 cm (%)				Overall coverage					
Boulders >10 cm (%)				Overall coverage					
			Video file id:	SPA_009					

Kunde:	Energinet	Date:	2022-08-16	Area:	Baltic Sea	Planned target			
Project:	ENOE	Wind speed (m/s)	1 m/s	Station:	SPA_010	Northing	Easting	Depth	
Vessel	Sephia	Wave height (m)	0,1	Note:	-	55°04,460	14°67,056	17 m	
ROV	Yes	Infauna	No	Chemistry	No	Expected substrate	Sedimentary rock		
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance	
ROV	21:25	15,90	55°04,452	14°67,052	FGAI	PEPE	LEHE	Dist. 10 m	
CTDO								Dist. 6264751 m	
Haps Infauna								Dist. 6264751 m	
Haps Chem								Dist. 6264751 m	
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition			
Sediment type:	3	Sediment description:	Mixed bottom with sand, cobbles and some boulders	Flora:	Ectocarpus/Pylaiella (5 %), Red bushes (1-3 %), Hildenbrandia (<1 %), patches of red 'biofilm' from bacteria/cyanobacteria. Substrate specific: 10 %	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%			Invertebrates:	Dom by attached blue mussels (10-25 %), barnacles (1 %)	<1-2 %			
Mud/silt (%)	0%			Fish:	None	Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	78 %					10-25 %			
Gravel (%)	5 %					Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)
Cobbles <10 cm (%)	10 %					0 %			
Boulders >10 cm (%)	7 %			Video file id:	SPA_010		Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)			
Sediment type:		Sediment description:		Flora:		Overall coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)				Invertebrates:					
Mud/silt (%)				Fish:		Overall coverage	Depth	Temperature	Remarks
Sand (%)									
Gravel (%)						Overall coverage	Others	QA: PEPE, Flora and invertebrates changed. Liv	
Cobbles <10 cm (%)									
Boulders >10 cm (%)				Video file id:					

Kunde:	Energinet	Date:	2022-03-11	Area:	Baltic Sea	Planned target			
Project:	ENOE	Wind speed (m/s)	11 m/s	Station:	SPA_011	Northing	Easting	Depth	
Vessel	Skoven	Wave height (m)	1,1 m	Note:	Strong current	55°05,771	14°64,617	19 m	
ROV	Yes	Infauna	No	Chemistry	No	Expected substrate	Til/Diamicton		
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance	
ROV	13:50	19,40	55°05,761	14°64,586	SNIE	MILS	PEPE	Dist. 23 m	
CTDO								Dist. 6265668 m	
Haps Infauna								Dist. 6265668 m	
Haps Chem								Dist. 6265668 m	
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition			
Sediment type:	3	Sediment description:	Flora:	Dom by red bushes(<1-5 %), brown crust (<1-5 %), Hildenbrandia (<1-5 %), and Saccharina latissima (<1 %). Substrate specific: 5 %	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)	
Clay (%)	0%	Dominated by cobbles, boulders, sand, and gravel	Invertebrates:	Boulders dominated by blue mussels (50-80 %), barnacles (1-5 %), bryozoans (<1 %) on the Saccharina latissima, and calcareous tube worms (Serpulidae) (<1-2 %)	<1-5 %				
Mud/silt (%)	0%				Overall coverage	Smell (Infauna)	Visible species (Infauna)		
Sand (%)	25 %		50-80 %						
Gravel (%)	15 %		Fish:	None	Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)	
Cobbles <10 cm (%)	40 %				0 %				
Boulders >10 cm (%)	20 %		Video file id:	SPA_011			Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)			
Sediment type:		Sediment description:	Flora:		Overall coverage	Oxygen %	Oxygen mg/l	Salinity	
Clay (%)			Invertebrates:						
Mud/silt (%)					Overall coverage	Depth	Temperature	Remarks	
Sand (%)			Fish:		Overall coverage	Others	QA: PEPE, Flora and invertebrate changed. Liv		
Gravel (%)									
Cobbles <10 cm (%)			Video file id:						
Boulders >10 cm (%)									

Kunde:	Energinet	Date:	2022-03-11	Area:	Baltic Sea	Planned target				
Project:	ENOE	Wind speed (m/s)	-	Station:	SPA_012	Northing	Easting	Depth		
Vessel	Skoven	Wave height (m)	-	Note:	-	55°05,137	14°61,914	25 m		
ROV	Yes	Infauna	No	Chemistry	No	Expected substrate	Till/Diamicton			
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance		
ROV	14:34	23,00	55°05,133	14°61,946	MILS	SNIE	CELA	Dist. 21 m		
CTDO								Dist. 6264474 m		
Haps Infauna								Dist. 6264474 m		
Haps Chem								Dist. 6264474 m		
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition				
Sediment type:	2	Sediment description:	Sand bottom with cobbles and boulders, some gravel	Flora:	Brown crust(1 %), Hildenbrandia(1 %), Saccharina latissima (<1 %), Coccotylus (<1 %). Substrate specific: 1 %	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)	
Clay (%)	0%			Invertebrates:	Dom by blue mussels (10-30 %) with barnacles (1-2 %); additionally, bryozoans (<1-2 %), and calcareous tube worms (Serpulidae) (<1-2 %)	<1-1 %				
Mud/silt (%)	0%			Fish:	None	Overall coverage	Smell (Infauna)	Visible species (Infauna)		
Sand (%)	80 %			Video file id:	SPA_012	5-20 %				
Gravel (%)	5 %					Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)	
Cobbles <10 cm (%)	7 %					0 %				
Boulders >10 cm (%)	8 %						Smell (Chem)	Visible species (Chem)		
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)				
Sediment type:		Sediment description:		Flora:		Overall coverage	Oxygen %	Oxygen mg/l	Salinity	
Clay (%)				Invertebrates:						
Mud/silt (%)				Fish:		Overall coverage	Depth	Temperature	Remarks	
Sand (%)				Video file id:						
Gravel (%)						Overall coverage	Others	QA: PEPE, Flora and invertebrates changed. Liv		
Cobbles <10 cm (%)										
Boulders >10 cm (%)										

Kunde:	Energinet	Date:	2022-03-11	Area:	Baltic Sea	Planned target			
Project:	ENOE	Wind speed (m/s)	11 m/s	Station:	SPA_013	Northing	Easting	Depth	
Vessel	Skoven	Wave height (m)	1,3 m	Note:	No HAPS here due to too many rocks	55°03,861	14°61,588	24 m	
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Sand		
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance	
ROV	14:17	23,00	55°03,864	14°61,603	MILS	SNIE	SEWE	Dist. 10 m	
CTDO								Dist. 6263058 m	
Haps Infauna								Dist. 6263058 m	
Haps Chem								Dist. 6263058 m	
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition			
Sediment type:	3	Sediment description:	Sand and boulders and cobbles. Ripples in the sand.	Flora:	Hildenbrandia (1-5 %), Coccotylus(<1 %), brown crust (<1 %). Substrate specific: 1 %	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%			Invertebrates:	Dom by blue mussels(10-50 %) with barnacles(1-10 %) blue mussel coverage on hard substrate (90 %); additionally hydrozoans (<1 %), bryozoans (<1-2 %), and calcareous tube worms (Serpulidae) (<1-2 %)	<1-5 %			
Mud/silt (%)	0%			Fish:	None	Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	75 %			Video file id:	SPA_013	10-50 %			
Gravel (%)	2 %					Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)
Cobbles <10 cm (%)	8 %					0 %			
Boulders >10 cm (%)	15 %						Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)			
Sediment type:		Sediment description:		Flora:		Overall coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)				Invertebrates:					
Mud/silt (%)				Fish:			Depth	Temperature	Remarks
Sand (%)				Video file id:					
Gravel (%)						Overall coverage	Others	QA: PEPE, Flora and invertebrate changed. Liv	
Cobbles <10 cm (%)									
Boulders >10 cm (%)									

Kunde:	Energinet	Date:	2020-08-16	Area:	Baltic Sea	Planned target			
Project:	ENOE	Wind speed (m/s)	1 m/s	Station:	SPA_014	Northing	Easting	Depth	
Vessel	Sephia	Wave height (m)	0,1	Note:	-	55°03,248	14°71,425	12 m	
ROV	Yes	Infauna	No	Chemistry	No	Expected substrate	Sedimentary rock		
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance	
ROV	21:06	14,50	55°03,243	14°71,423	FGAI	PEPE	LEHE	Dist. 5 m	
CTDO								Dist. 6264316 m	
Haps Infauna								Dist. 6264316 m	
Haps Chem								Dist. 6264316 m	
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition			
Sediment type:	4	Sediment description:	Flora:	Red bushes (polysiphonia and Callithamnion)(5-10 %), ectocarpus/pylaiella (5 %), red patches of cyanobacteria (2 %), Furcellaria (<1 %). Substrate specific: 10 %	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)	
Clay (%)	0%	Rocky bottom with big boulders, creating reefstructures with caves.	Invertebrates:	Dom by attached blue mussels (60-70 %) and barnacles (1-5 %)	5-10 %				
Mud/silt (%)	0%				Overall coverage	Smell (Infauna)	Visible species (Infauna)		
Sand (%)	0%		60-70 %						
Gravel (%)	0%		Fish:	None	Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)	
Cobbles <10 cm (%)	0%				0 %				
Boulders >10 cm (%)	100 %		Video file id:	SPA_014			Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)			
Sediment type:		Sediment description:	Flora:		Overall coverage	Oxygen %	Oxygen mg/l	Salinity	
Clay (%)			Invertebrates:						
Mud/silt (%)					Overall coverage	Depth	Temperature	Remarks	
Sand (%)									
Gravel (%)			Fish:		Overall coverage	Others	QA PEPE, Liv		
Cobbles <10 cm (%)									
Boulders >10 cm (%)			Video file id:						

Kunde:	Energinet	Date:	2022-08-16	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	5 m/s SW	Station:	SPA_015	Northing	Easting	Depth
Vessel	Sephia	Wave height (m)	0,3	Note:	NB: The station is moved 65 meters due to an object	55°00,349	14°92,775	11 m
ROV	Yes	Infauna	No	Chemistry	No	Expected substrate	Sedimentary rock	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	16:05	11,30	55°00,347	14°92,780	FGAI	PEPE	LEHE	Dist. 4 m
CTDO								Dist. 6265432 m
Haps Infauna								Dist. 6265432 m
Haps Chem								Dist. 6265432 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	4	Sediment description:	Flora: Red bushes (polysiphonia and Callithamnion) (80-90 %), Furcellaria (20-30 %), hildenbrandia (1 %). Substrate specific: 90-100 %	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)	
Clay (%)	0%	Sandy bottom with gravel and many boulders. Some cobbles		Overall coverage				
Mud/silt (%)	0%			Invertebrates:	Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	30 %			Dom by attached bluemusshells (5 %) (80 % coverage on a boulders), barnacles (1 %), shrimp (<1 %), bryozoans (<1 %), jellyfish (<1 %), hydrobia attached in macroalgae (<1-1 %)	Overall coverage			
Gravel (%)	10 %				Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)
Cobbles <10 cm (%)	20 %							
Boulders >10 cm (%)	40 %				Fish:	Overall coverage		
				Two-spotted goby (1 %)	1 %			
			Video file id:	SPA_015	Smell (Chem)	Visible species (Chem)		
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:	Overall coverage	Oxygen %	Oxygen mg/l	Salinity	
Clay (%)				Overall coverage				
Mud/silt (%)				Invertebrates:	Overall coverage	Depth	Temperature	Remarks
Sand (%)					Overall coverage			
Gravel (%)					Fish:	Overall coverage	Others	QA PEPE, Liv
Cobbles <10 cm (%)								
Boulders >10 cm (%)					Video file id:			

Kunde:	Energinet	Date:	2022-03-11	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	9 m/s	Station:	SPA_016	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	1,4 m	Note:	-	54°98,724	14°95,342	14 m
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Sand	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	11:22	13,10	54°98,716	14°95,364	SNIE	SEWE	PEPE	Dist. 17 m
CTDO								Dist. 6264221 m
Haps Infauna	11:30	13,10	54°98,724	14°95,323	SNIE	SEWE	PEPE	Dist. 12 m
Haps Chem								Dist. 6264221 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	1b	Sediment description:	Flora:	Drifting macroalgae, red bushes (<1-1 %) and some Furcellaria lumbricalis (<1-1 %), some diatoms patches (<1 %). Substrate specific: <1 %	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%	Sandy bottom, distinct ripples, a bit gravel.	Invertebrates:	Few signs of faunal activity. Some tracks (small piles <1 %) of lugworm, and some white shells from bivalves (<1 %)	<1-1 %	INF_SPA_016	Sand, some gravel	Sandy colour
Mud/silt (%)	0%				Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	98 %		<1 %	None	Polychaetes			
Gravel (%)	2 %		Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)		
Cobbles <10 cm (%)	0%		0 %					
Boulders >10 cm (%)	0%		Video file id:	SPA_016		Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Overall coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:		Overall coverage	Depth	Temperature	Remarks
Mud/silt (%)					Overall coverage	Others	QA: PEPE, Flora and invertebrate changed. Liv	
Sand (%)			Overall coverage					
Gravel (%)								
Cobbles <10 cm (%)			Video file id:					
Boulders >10 cm (%)								

Kunde:	Energinet	Date:	2022-03-11	Area:	Baltic Sea	Planned target			
Project:	ENOE	Wind speed (m/s)	8 m/s	Station:	SPA_017	Northing	Easting	Depth	
Vessel	Skoven	Wave height (m)	1,3 m	Note:	-	54°99,177	14°92,343	15 m	
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Sand		
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance	
ROV	11:59	14,70	54°99,162	14°92,340	MILS	SNIE	PEPE	Dist. 17 m	
CTDO								Dist. 6264107 m	
Haps Infauna	12:03	14,70	54°99,158	14°92,344	MILS	SNIE	PEPE	Dist. 21 m	
Haps Chem								Dist. 6264107 m	
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition			
Sediment type:	1b	Sediment description:	Flora:	Some drifting Furcellaria lumbricalis and red bushes (Phycodrys). Substrate specific: <1 %	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)	
Clay (%)	0%	Sandy bottom, some organic material, firm Dueodde sand, clear wave ripples.	Invertebrates:	Dom by tubes from Pygospio elegans (1 %) some shell fragments and living common cockle (<1 %); additionally few blue mussels (<1 %) and barnacles (<1 %).	<1 %	INF_SPA_017	Fine sand, gravel	Sandy colour	
Mud/silt (%)	0%			Fish:	None	Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	100 %		<1-1 %			None	Shell fragments, some polychaetes and tubes from Pygospio elegans.		
Gravel (%)	0%		Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)			
Cobbles <10 cm (%)	0%		0 %						
Boulders >10 cm (%)	0%		Video file id:	SPA_017			Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)			
Sediment type:		Sediment description:	Flora:		Overall coverage	Oxygen %	Oxygen mg/l	Salinity	
Clay (%)			Invertebrates:						
Mud/silt (%)				Overall coverage	Depth	Temperature	Remarks		
Sand (%)			Fish:		Overall coverage	Others	QA: PEPE, Flora and invertebrate changed. Liv		
Gravel (%)									
Cobbles <10 cm (%)			Video file id:						
Boulders >10 cm (%)									

Kunde:	Energinet	Date:	2022-03-11	Area:	Baltic Sea	Planned target			
Project:	ENOE	Wind speed (m/s)		Station:	SPA_018	Northing	Easting	Depth	
Vessel	Skoven	Wave height (m)	1,3 m	Note:	-	54°99,438	14°86,501	15 m	
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Sand		
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance	
ROV	12:25	15,20	54°99,431	14°86,541	SNIE	MILS	PEPE	Dist. 27 m	
CTDO								Dist. 6263232 m	
Haps Infauna	12:30	15,20	54°99,427	14°86,507	SNIE	MILS	PEPE	Dist. 13 m	
Haps Chem								Dist. 6263232 m	
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition			
Sediment type:	1b	Sediment description:	Flora:	Drifting Furcellaria lumbricalis (<1%), diatom patches (1-5%). Substrate specific: 0 %	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)	
Clay (%)	0%	Sandy bottom, firm sand in medium grain size	Invertebrates:	Few signs of infaunal activity; additionally blue mussels (<1 %), barnacles attached on the mussels (<1 %), bryozoans (<1 %)	0 %	INF_SPA_018	Sand, gravel, shell fragments,	Colour of sand	
Mud/silt (%)	0%				Overall coverage	Smell (Infauna)	Visible species (Infauna)		
Sand (%)	100 %		<1 %	None	Astartidae bivalve, some polychaetes.				
Gravel (%)	0%		Fish:	Sand goby (<1 %)	Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)	
Cobbles <10 cm (%)	0%				<1 %				
Boulders >10 cm (%)	0%		Video file id:	SPA_018			Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)			
Sediment type:		Sediment description:	Flora:		Overall coverage	Oxygen %	Oxygen mg/l	Salinity	
Clay (%)			Invertebrates:		Overall coverage	Depth	Temperature	Remarks	
Mud/silt (%)					Overall coverage				
Sand (%)			Fish:		Overall coverage	Others	QA: PEPE, Invertebrates and flora changed. Liv		
Gravel (%)					Overall coverage				
Cobbles <10 cm (%)			Video file id:						
Boulders >10 cm (%)									

Kunde:	Energinet	Date:	2022-08-16	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	1 m/s	Station:	SPA_019	Northing	Easting	Depth
Vessel	Sephia	Wave height (m)	0,2	Note:	-	55°01,298	14°83,031	12 m
ROV	Yes	Infauna	No	Chemistry	No	Expected substrate	Sedimentary rock	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	18:36	12,00	55°01,297	14°83,032	FGAI	PEPE	LEHE	Dist. 2 m
CTDO								Dist. 6264518 m
Haps Infauna								Dist. 6264518 m
Haps Chem								Dist. 6264518 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	2	Sediment description:	Flora:	Red bushes (polysiphonia) (5 %), hildenbrandia (<1 %). Substrate specific: 5 %	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%	Sandy bottom with some boulders and cobbles and wave ripples.	Invertebrates:	Dom by blue mussels, both mobile clusters (2 %) on the seabed and attached on rocks (5 %) (80 % coverage on boulders), barnacles (<1 %), shrimp (<1 %), bryozoans (<1 %), some tracks in sediment from infauna (<1 %)	<1-5 %			
Mud/silt (%)	0%			Fish:	Sand gobies (<1 %)	1-5 %	Smell (Infauna)	Visible species (Infauna)
Sand (%)	93 %		Video file id:		SPA_019	Overall coverage	Photo id (Chem)	Composition (Chem)
Gravel (%)	0%					<1 %		
Cobbles <10 cm (%)	2 %					Smell (Chem)	Visible species (Chem)	
Boulders >10 cm (%)	5 %							
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Overall coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:					
Mud/silt (%)				Fish:		Overall coverage	Depth	Temperature
Sand (%)			Video file id:					
Gravel (%)							Others	QA: PEPE, flora and invertebrates changed. Liv
Cobbles <10 cm (%)								
Boulders >10 cm (%)								

Kunde:	Energinet	Date:	2022-08-16	Area:	Baltic Sea	Planned target			
Project:	ENOE	Wind speed (m/s)	1 m/s	Station:	SPA_020	Northing	Easting	Depth	
Vessel	Sephia	Wave height (m)	0,2	Note:	-	55°00,275	14°78,028	12 m	
ROV	Yes	Infauna	No	Chemistry	No	Expected substrate	Sedimentary rock		
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance	
ROV	19:03	12,10	55°00,275	14°78,023	FGAI	PEPE	LEHE	Dist. 3 m	
CTDO								Dist. 6262456 m	
Haps Infauna								Dist. 6262456 m	
Haps Chem								Dist. 6262456 m	
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition			
Sediment type:	2	Sediment description:	Sandy bottom with wave ripples, some cobbles and boulders.	Flora:	Red bushes (1 %), hildenbrandia (<1 %), brown crust (<1 %). Substrate specific: 1 %	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%			Invertebrates:	Dom by blue mussels in clusters, some mobile (5 %) and some attached (10 %). Barnacles (<1 %)	Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Mud/silt (%)	0%			Fish:	Sand goby (<1 %)	Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)
Sand (%)	89 %			Video file id:	SPA_020	Smell (Chem)	Visible species (Chem)		
Gravel (%)	0%			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Cobbles <10 cm (%)	6 %			Flora:		Overall coverage	Oxygen %	Oxygen mg/l	Salinity
Boulders >10 cm (%)	5 %			Invertebrates:		Overall coverage	Depth	Temperature	Remarks
ROV Secondary visual verification (sediment)			Fish:		Overall coverage	Others	QA: PEPE, Flora and invertebrates changed. Liv		
Sediment type:		Sediment description:	Video file id:						
Clay (%)									
Mud/silt (%)									
Sand (%)									
Gravel (%)									
Cobbles <10 cm (%)									
Boulders >10 cm (%)									

Kunde:	Energinet	Date:	2022-03-11	Area:	Baltic Sea	Planned target			
Project:	ENOE	Wind speed (m/s)	9 m/s	Station:	SPA_021	Northing	Easting	Depth	
Vessel	Skoven	Wave height (m)	1,4 m	Note:	-	54°97,690	14°83,342	14 m	
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Sand		
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance	
ROV	10:04	14,30	54°97,690	14°83,357	SNIE	SNIE	PEPE	Dist. 10 m	
CTDO								Dist. 6260762 m	
Haps Infauna	10:11	14,30	54°97,686	14°83,342	SNIE	CELA	PEPE	Dist. 4 m	
Haps Chem								Dist. 6260762 m	
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition			
Sediment type:	1b	Sediment description:	Flora:	Drifting Saccharina latissima (<1 %), drifting Furcellaria lumbricalis (<1 %), alot of debris is floating around. Substrate specific: 0 %	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)	
Clay (%)	0%	Sandy bottom, clear wave ripples, medium grained sand, some gravel	Invertebrates:	Few blue mussels (<1 %), and barnacles attached on them (<1 %).	0 %	INF_SPA_021	Sand, gravel, shell fragments.	Sandy colour	
Mud/silt (%)	0%				<1 %	Smell (Infauna)	Visible species (Infauna)		
Sand (%)	97 %		None	None					
Gravel (%)	2 %		Fish:	None	Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)	
Cobbles <10 cm (%)	1 %				0 %				
Boulders >10 cm (%)	0%		Video file id:	SPA_021			Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)			
Sediment type:		Sediment description:	Flora:		Overall coverage	Oxygen %	Oxygen mg/l	Salinity	
Clay (%)			Invertebrates:						
Mud/silt (%)					Overall coverage	Depth	Temperature	Remarks	
Sand (%)									
Gravel (%)			Fish:		Overall coverage	Others	QA: PEPE. Flora and invertebrates changed. Liv		
Cobbles <10 cm (%)									
Boulders >10 cm (%)			Video file id:						

Kunde:	Energinet	Date:	2022-03-11	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	9 m/s	Station:	SPA_022	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	1,4 m	Note:	-	54°97,393	14°89,607	14 m
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Sand	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	10:58	13,60	54°97,386	14°89,614	SNIE	SEWE	PEPE	Dist. 9 m
CTDO								Dist. 6261681 m
Haps Infauna	11:03	13,60	54°97,381	14°89,603	SNIE	SEWE	PEPE	Dist. 14 m
Haps Chem								Dist. 6261681 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	1b	Sediment description:	Flora:	Drifting red algae (Furcellaria and Coccotylus), Substrate specific: <1 %	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%	Sandy bottom with distinct wave ripples, wave ripples in different directions, organic material in the water column	Invertebrates:	Dom by few blue mussels (<1 %), barnacles (<1 %), some white shell fragments (<1 %) from e.g. common cockle and Myidae, and living common cockle (<1 %).	<1 %	INF_SPA_022	Sand, some gravel	Sandy colour
Mud/silt (%)	0%			Fish:	European flounder (<1 %).	<1 %	None	Visible species (Infauna)
Sand (%)	100 %		Video file id:		SPA_022	Overall coverage	Photo id (Chem)	Composition (Chem)
Gravel (%)	0%			Smell (Chem)				
Cobbles <10 cm (%)	0%		Smell (Chem)		Visible species (Chem)			
Boulders >10 cm (%)	0%			Smell (Chem)		Visible species (Chem)		
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)				CTDO (0.5 m above bottom)	
Sediment type:		Sediment description:	Flora:		Overall coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:					
Mud/silt (%)				Fish:				
Sand (%)			Overall coverage					
Gravel (%)				Others	QA:PEPE, invertebrates changed. Liv			
Cobbles <10 cm (%)			Others			QA:PEPE, invertebrates changed. Liv		
Boulders >10 cm (%)				Others	QA:PEPE, invertebrates changed. Liv			

Kunde:	Energinet	Date:	2022-03-11	Area:	Baltic Sea	Planned target			
Project:	ENOE	Wind speed (m/s)	11 m/s	Station:	SPA_023	Northing	Easting	Depth	
Vessel	Skoven	Wave height (m)	1.4	Note:	-	54°95,344	14°88,294	30 m	
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Sand		
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance	
ROV	10:35	31,20	54°95,342	14°88,239	SNIE	SEWE	PEPE	Dist. 35 m	
CTDO								Dist. 6259255 m	
Haps Infauna	10:40	31,20	54°95,339	14°88,281	SNIE	SEWE	PEPE	Dist. 10 m	
Haps Chem								Dist. 6259255 m	
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition			
Sediment type:	1b	Sediment description:	Sandy bottom, distinct wave ripples, organic material, fint sediment	Flora:	Some drifting red algae (<1 %), some furcellaria lumbricalis (<1 %). Substrate specific: 0 %	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%			Invertebrates:	Dom by mobile blue mussels (1-5 %), tubes of Pygospio elegans (<1-5 %), barnacles(<1-1 %), bryozoans(<1 %), tracks on the sediment from infaunal activity from bivalves or polychaetes.	0 %	INF_SPA_023	Mostly silt, some fine grained sand, organic material	Grey
Mud/silt (%)	10 %			Fish:	Two european flounders (<1 %)	<1-5 %	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	90 %			Video file id:	SPA_023	<1 %	None	Some tubes from Pygospio elegans, Baltic amphipods	
Gravel (%)	0%						Photo id (Chem)	Composition (Chem)	Colour (Chem)
Cobbles <10 cm (%)	0%								
Boulders >10 cm (%)	0%						Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)			
Sediment type:		Sediment description:		Flora:		Overall coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)				Invertebrates:					
Mud/silt (%)				Fish:			Depth	Temperature	Remarks
Sand (%)				Video file id:					
Gravel (%)							Others	QA: PEPE, Invertebrates changed. Liv	
Cobbles <10 cm (%)									
Boulders >10 cm (%)									

Kunde:	Energinet	Date:	2022-03-11	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	10 m/s	Station:	SPA_024	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	1,4 m	Note:	-	54°95,282	14°83,182	15 m
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Sand	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	09:43	14,90	54°95,268	14°83,239	MILS	SNIE	CELA	Dist. 40 m
CTDO								Dist. 6258183 m
Haps Infauna	09:49	14,90	54°95,287	14°83,172	SEWE	SNIE	CELA	Dist. 8 m
Haps Chem								Dist. 6258183 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	1b	Sediment description:	Flora:	Drifting macroalgae (e.g. Saccharina latissima). Substrate specific: 0 %	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%	Fine to medium sandy bottom with wide wave ripples, gravel, shell fragments	Invertebrates:	Dom by shellfragments (<1 %), mobile blue mussels (<1 %) with barnacles (<1 %).	0 %	INF_SPA_024	Sand and gravel, shell fragments	Sand
Mud/silt (%)	0%			Overall coverage	Smell (Infauna)	Visible species (Infauna)		
Sand (%)	97 %		<1 %	None	None			
Gravel (%)	3 %		Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)		
Cobbles <10 cm (%)	0%		0 %					
Boulders >10 cm (%)	0%		Video file id:	SPA_024		Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Overall coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:					
Mud/silt (%)				Overall coverage	Depth	Temperature	Remarks	
Sand (%)								
Gravel (%)			Overall coverage	Others	QA: PEPE, Flora and invertebrate changed. Liv			
Cobbles <10 cm (%)								
Boulders >10 cm (%)			Video file id:					

Kunde:	Energinet	Date:	2022-03-11	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	13 m/s	Station:	SPA_025	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	1,4 m	Note:	-	54°98,704	14°77,401	15 m
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Sand	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	06:41	15,00	54°98,692	14°77,442	MILS	PEPE	SEWE	Dist. 29 m
CTDO								Dist. 6260671 m
Haps Infauna	06:47	15,00	54°98,691	14°77,406	PEPE	PEPE	SEWE	Dist. 15 m
Haps Chem								Dist. 6260671 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	2	Sediment description:	Flora:	None	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%	Mixed bottom with sand, boulders and cobbles, clear and sharp wave ripples	Invertebrates:	Dom by blue mussels (1-15 %) attached to rocks, and a lot of barnacles(<1-2 %), high coverage of blue mussels on hard substrate (80-90 %), and calcareous tube worms (Serpulidae) (<1-1 %)	0%	INF_SPA_025	Sand and gravel, and some plastic	Sand and gravel colour
Mud/silt (%)	0%				Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	89 %		<1-15 %	None	None			
Gravel (%)	5 %		Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)		
Cobbles <10 cm (%)	3 %		0%					
Boulders >10 cm (%)	3 %		Video file id:	SPA_025		Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Overall coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:		Overall coverage	Depth	Temperature	Remarks
Mud/silt (%)					Overall coverage			
Sand (%)			Overall coverage					
Gravel (%)						Others	QA: PEPE, Invertebrates changed. Liv	
Cobbles <10 cm (%)								
Boulders >10 cm (%)			Video file id:					

Kunde:	Energinet	Date:	2022-03-11	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	12 m/s	Station:	SPA_026	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	1,4 m	Note:	-	54°99,022	14°73,021	17 m
ROV	Yes	Infauna	No	Chemistry	No	Expected substrate	Till/Diamicton	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	06:16	15,80	54°99,019	14°73,011	MILS	PEPE	SEWE	Dist. 8 m
CTDO								Dist. 6260153 m
Haps Infauna								Dist. 6260153 m
Haps Chem								Dist. 6260153 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	1b	Sediment description:	Flora:	None	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%	Sandy bottom with a lot of gravel with clear wave ripples	Invertebrates:	Dom by attached blue mussels (<1-5 %), few some barnacles (<1 %)	0 %			
Mud/silt (%)	0%				Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	48 %		<1-5 %					
Gravel (%)	50 %		Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)		
Cobbles <10 cm (%)	2 %		0 %	Fish:	None			
Boulders >10 cm (%)	0%		Video file id:	SPA_026			Smell (Chem)	Visible species (Chem)
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Overall coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:					
Mud/silt (%)					Overall coverage	Depth	Temperature	Remarks
Sand (%)								
Gravel (%)			Overall coverage	Fish:		Others	QA: PEPE, Flora and invertebrates changed. Liv	
Cobbles <10 cm (%)								
Boulders >10 cm (%)			Video file id:					

Kunde:	Energinet	Date:	2022-03-11	Area:	Baltic Sea	Planned target			
Project:	ENOE	Wind speed (m/s)	11 m/s	Station:	SPA_027	Northing	Easting	Depth	
Vessel	Skoven	Wave height (m)	1,4 m	Note:	-	54°97,905	14°73,688	12 m	
ROV	Yes	Infauna	No	Chemistry	No	Expected substrate	Till/Diamicton		
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance	
ROV	07:05	9,20	54°97,893	14°73,667	MILS	PEPE	SEWE	Dist. 19 m	
CTDO								Dist. 6259100 m	
Haps Infauna								Dist. 6259100 m	
Haps Chem								Dist. 6259100 m	
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition			
Sediment type:	4	Sediment description:	Flora:	Hildenbrandia (<1-10 %), red algae (red bushes) (<1-2 %). Substrate specific: 1-10 %	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)	
Clay (%)	0%	Sedimentary rock, sand		Invertebrates:	Dom by attached blue mussels (25-50 %) and barnacles (1-10 %), and calcareous tube worms (Serpulidae) (<1-1 %)	1-10 %			
Mud/silt (%)	0%				Overall coverage	Smell (Infauna)	Visible species (Infauna)		
Sand (%)	40 %			Fish:	None	25-50 %			
Gravel (%)	0%					Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)
Cobbles <10 cm (%)	0%			Video file id:	SPA_027	0 %			
Boulders >10 cm (%)	60 %					Smell (Chem)	Visible species (Chem)		
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)			
Sediment type:		Sediment description:	Flora:		Overall coverage	Oxygen %	Oxygen mg/l	Salinity	
Clay (%)				Invertebrates:					
Mud/silt (%)			Overall coverage		Depth	Temperature	Remarks		
Sand (%)			Fish:		Overall coverage				
Gravel (%)						Others	QA: PEPE, Invertebrates changed. Liv		
Cobbles <10 cm (%)			Video file id:						
Boulders >10 cm (%)									

Kunde:	Energinet	Date:	2022-03-10	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	11 m/s	Station:	SPA_028	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	1,4 m	Note:	-	54°95,453	14°78,437	15 m
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Sand	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	07:59	14,50	54°95,451	14°78,439	MILS	SNIE	CELA	Dist. 2 m
CTDO								Dist. 6257432 m
Haps Infauna	08:05	14,50	54°95,443	14°78,420	SEWE	SNIE	CELA	Dist. 15 m
Haps Chem								Dist. 6257432 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	1b	Sediment description:	Flora:	Drifting plant material and red algae. Substrate specific: 0 %	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%	Fine grained sandy bottom with wide clear wave ripples, organic material	Invertebrates:	Dom by mobile blue mussels (<1 %) and shell fragments e.g. common cockle and Mya arenaria (<1 %)	0 %	INF_SPA_028	Sand and gravel, shell fragments, small blue plastic fragments	Sand
Mud/silt (%)	0%				Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	100 %		<1 %	None	None			
Gravel (%)	0%		Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)		
Cobbles <10 cm (%)	0%						0 %	
Boulders >10 cm (%)	0%		Video file id:	SPA_028		Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Overall coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:					
Mud/silt (%)					Overall coverage	Depth	Temperature	Remarks
Sand (%)								
Gravel (%)			Overall coverage	Fish:		Others	QA: PEPE, Flora and invertebrate changed. Liv	
Cobbles <10 cm (%)								
Boulders >10 cm (%)			Video file id:					

Kunde:	Energinet	Date:	2022-03-11	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	10 m/s	Station:	SPA_029	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	1,3 m	Note:	-	54°92,112	14°81,587	28 m
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Sand	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	09:18	32,90	54°92,116	14°81,641	MILS	SNIE	CELA	Dist. 35 m
CTDO								Dist. 6254515 m
Haps Infauna	09:25	32,90	54°92,095	14°81,585	SEWE		CELA	Dist. 19 m
Haps Chem								Dist. 6254515 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	1b	Sediment description:	Flora:	None	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%	Fine-grained sand bottom with thin wave ripples, a lot of plant material, possibly silt.	Invertebrates:	Dom by tubes from Pygospio elegans (5-50 %), mobile blue mussels (<1-2%), barnacles (<1%)	0 %	INF_SPA_029	Silt, fine grained sand, organic material, bivalve shells	Sand, grey and black
Mud/silt (%)	0%				Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	100 %		Overall coverage	Fish:	5-50 %	Sulfur smell	Worm tubes	
Gravel (%)	0%		Overall coverage	Sand goby (<1 %)	<1 %	Photo id (Chem)	Composition (Chem)	Colour (Chem)
Cobbles <10 cm (%)	0%		Video file id:		SPA_029	Smell (Chem)	Visible species (Chem)	
Boulders >10 cm (%)	0%							
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Overall coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:		Overall coverage	Depth	Temperature	Remarks
Mud/silt (%)					Overall coverage	Others	QA: PEPE, Invertebrates changed. Liv	
Sand (%)			Overall coverage					
Gravel (%)			Video file id:					
Cobbles <10 cm (%)								
Boulders >10 cm (%)								

Kunde:	Energinet	Date:	2022-03-11	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	11 m/s	Station:	SPA_030	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	1,4 m	Note:	Good visibility	54°90,031	14°75,190	13 m
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Sand	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	08:51	12,70	54°90,031	14°75,186	MILS	SNIE	CELA	Dist. 2 m
CTDO								Dist. 6251058 m
Haps Infauna	08:54	12,70	54°90,036	14°75,206	SEWE	SNIE	CELA	Dist. 12 m
Haps Chem								Dist. 6251058 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	1b	Sediment description:	Flora:	None	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%	Fine, medium and coarse sand with wave ripples in different directions, a little plant material. Good visibility	Invertebrates:	Dom by shell fragments (<1%) from e.g. common cockle, and very few mobile blue mussels (<1%).	0 %	INF_SPA_030	Sand, gravel, shell fragments	Sand
Mud/silt (%)	0%				Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	100 %		Overall coverage	None	None			
Gravel (%)	0%		Fish:	None	Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)
Cobbles <10 cm (%)	0%				0 %			
Boulders >10 cm (%)	0%		Video file id:	SPA_030		Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Overall coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:		Overall coverage	Depth	Temperature	Remarks
Mud/silt (%)					Overall coverage			
Sand (%)			Fish:		Overall coverage	Others	QA: PEPE, invertebrates changed. Liv	
Gravel (%)								
Cobbles <10 cm (%)			Video file id:					
Boulders >10 cm (%)								

Kunde:	Energinet	Date:	2022-03-11	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	11 m/s	Station:	SPA_031	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	1,3 m	Note:	-	54°92,479	14°74,934	17 m
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Sand	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	08:27	15,50	54°92,488	14°74,919	MILS	SNIE	CELA	Dist. 14 m
CTDO								Dist. 6253599 m
Haps Infauna	08:32	15,50	54°92,468	14°74,934	SEWE	SNIE	CELA	Dist. 12 m
Haps Chem								Dist. 6253599 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	1b	Sediment description:	Flora:	None	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%	Fine to medium grained sand bottom, irregular wave ripples, different coloration, debris from plant material, shell fragments	Invertebrates:	Dom by few white shell fragments from bivalves (<1 %).	0%	INF_SPA_031	Sand, a lot of gravel and shell fragments	Sand
Mud/silt (%)	0%				Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	100 %		<1 %	None	One polychaete			
Gravel (%)	0%		Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)		
Cobbles <10 cm (%)	0%		0%					
Boulders >10 cm (%)	0%		Video file id:	SPA_031		Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Overall coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:					
Mud/silt (%)					Overall coverage	Depth	Temperature	Remarks
Sand (%)								
Gravel (%)			Overall coverage	Others	QA: PEPE, Invertebrates changed. Liv			
Cobbles <10 cm (%)								
Boulders >10 cm (%)			Video file id:					

Kunde:	Energinet	Date:	2022-03-11	Area:	Baltic Sea	Planned target			
Project:	ENOE	Wind speed (m/s)	11 m/s	Station:	SPA_032	Northing	Easting	Depth	
Vessel	Skoven	Wave height (m)	1,4 m	Note:	-	54°95,208	14°73,610	19 m	
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Sand		
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance	
ROV	07:29	18,90	54°95,203	14°73,630	MILS	PEPE	SEWE	Dist. 14 m	
CTDO								Dist. 6256229 m	
Haps Infauna	07:34	18,90	54°95,204	14°73,626	PEPE	PEPE	SEWE	Dist. 11 m	
Haps Chem								Dist. 6256229 m	
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition			
Sediment type:	1b	Sediment description:	Flora:	None	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)	
Clay (%)	0%	Sandy bottom with ripples, shell fragments	Invertebrates:	Dom by a few mobile blue mussels (<1 %) some alive, a few barnacles (<1 %), few shell fragments (<1 %), some holes from infauna made by bivalves or polychaetes (<1 %).	0 %	INF_SPA_032	Fine sand, silt and some organic material, gravel	Greyish silt and brown organic material	
Mud/silt (%)	0%				<1 %	Smell (Infauna)	Visible species (Infauna)		
Sand (%)	98 %		Fish:	None	Overall coverage	None	None		
Gravel (%)	2 %				0 %	Photo id (Chem)	Composition (Chem)	Colour (Chem)	
Cobbles <10 cm (%)	0%		Video file id:	SPA_032			Smell (Chem)	Visible species (Chem)	
Boulders >10 cm (%)	0%								
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)			
Sediment type:		Sediment description:	Flora:		Overall coverage	Oxygen %	Oxygen mg/l	Salinity	
Clay (%)			Invertebrates:		Overall coverage	Depth	Temperature	Remarks	
Mud/silt (%)					Overall coverage				
Sand (%)			Fish:		Overall coverage	Others	QA: PEPE, Flora and invertebrate changed. Liv		
Gravel (%)									
Cobbles <10 cm (%)			Video file id:						
Boulders >10 cm (%)									

Kunde:	Energinet	Date:	2022-03-10	Area:	Baltic Sea	Planned target			
Project:	ENOE	Wind speed (m/s)	9 m/s	Station:	SPA_033	Northing	Easting	Depth	
Vessel	Skoven	Wave height (m)	0,9	Note:	-	54°98,517	14°67,748	18 m	
ROV	Yes	Infauna	No	Chemistry	No	Expected substrate	Till/Diamicton		
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance	
ROV	22:19	15,80	54°98,525	14°67,774	MILS	CELA	SNIE	Dist. 19 m	
CTDO								Dist. 6258590 m	
Haps Infauna								Dist. 6258590 m	
Haps Chem								Dist. 6258590 m	
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition			
Sediment type:	4	Sediment description:	A mixture of boulders and sedimentary rocks	Flora:	Red bushes. Substrate specific: <1 %	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%			Invertebrates:	Dom by attached blue mussels (50-80 %), and barnacles (1-5 %)	Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Mud/silt (%)	0%			Fish:	None	Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)
Sand (%)	0%			Video file id:	SPA_033	Smell (Chem)	Visible species (Chem)		
Gravel (%)	0%			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Cobbles <10 cm (%)	0%			Flora:		Overall coverage	Oxygen %	Oxygen mg/l	Salinity
Boulders >10 cm (%)	100 %			Invertebrates:	Blue mussels	Overall coverage	Depth	Temperature	Remarks
ROV Secondary visual verification (sediment)			Fish:		Overall coverage	Others	QA: PEPE, Invertebrates changed. Liv		
Sediment type:	1b	Sediment description:	Video file id:						
Clay (%)		(off target) Clean sand with ripples off the target position	ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)			
Mud/silt (%)			Flora:		Overall coverage	Oxygen %	Oxygen mg/l	Salinity	
Sand (%)	100 %		Invertebrates:	Blue mussels	Overall coverage	Depth	Temperature	Remarks	
Gravel (%)			Fish:		Overall coverage	Others	QA: PEPE, Invertebrates changed. Liv		
Cobbles <10 cm (%)			Video file id:						
Boulders >10 cm (%)									

Kunde:	Energinet	Date:	2022-03-10	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	11 m/s	Station:	SPA_034	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	0,9	Note:	See sediment description	54°99,795	14°67,095	18 m
ROV	Yes	Infauna	No	Chemistry	No	Expected substrate	Sedimentary rock	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	21:57	20,20	54°99,810	14°67,115	CELA (SNIE backup)	SNIE	MILS	Dist. 21 m
CTDO								Dist. 6259817 m
Haps Infauna								Dist. 6259817 m
Haps Chem								Dist. 6259817 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	2	Sediment description:	Flora: (Drifting) Saccharina latissima (<1 %), brown crust (<1 %), and Hildenbrandia (<1 %). Substrate specific: <1 %	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)	
Clay (%)	0%	Fine to medium grained sand with boulders, wave ripples. Local areas with many boulders and almost no boulders.						<1 %
Mud/silt (%)	0%			Overall coverage	Smell (Infauna)	Visible species (Infauna)		
Sand (%)	85 %					<1-5 %		
Gravel (%)	3 %			Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)	
Cobbles <10 cm (%)	4 %							0 %
Boulders >10 cm (%)	8 %			Video file id:	SPA_034	Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:	Overall coverage	Oxygen %	Oxygen mg/l	Salinity	
Clay (%)								
Mud/silt (%)				Overall coverage	Depth	Temperature	Remarks	
Sand (%)								
Gravel (%)				Overall coverage	Others	QA: PEPE, Flora and invertebrates changed. Liv		
Cobbles <10 cm (%)								
Boulders >10 cm (%)				Video file id:				

Kunde:	Energinet	Date:	2022-03-10	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	8 m/s	Station:	SPA_035	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	0,7	Note:	-	55°00,480	14°59,839	18 m
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Sand	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	20.22	18,10	55°00,499	14°59,853	SNIE	CELA	MILS	Dist. 24 m
CTDO								Dist. 6259137 m
Haps Infauna	20:30	18,10	55°00,471	14°59,863	PEPE	CELA	MILS	Dist. 18 m
Haps Chem								Dist. 6259137 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	1b	Sediment description:	Flora:	None	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%	Medium to fine sand with ripples	Invertebrates:	Dom by tracks from infauna activity (polychaetes or bivalves) (1-5 %), few piles of lugworm (<1-2 %), few shell fragments (<1-2 %).	0 %	INF_SPA_035	Sand and gravel	Sandy color
Mud/silt (%)	0%				Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	100 %		<1-5 %	None	None			
Gravel (%)	0%		Fish:	Sand goby, and european plaice (<1 %).	Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)
Cobbles <10 cm (%)	0%				<1 %			
Boulders >10 cm (%)	0%		Video file id:	SPA_035		Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Overall coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:					
Mud/silt (%)					Overall coverage	Depth	Temperature	Remarks
Sand (%)								
Gravel (%)			Fish:		Overall coverage	Others	QA: PEPE, Invertebrates changed. Liv	
Cobbles <10 cm (%)								
Boulders >10 cm (%)			Video file id:					

Kunde:	Energinet	Date:	2022-03-10	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	11 m/s	Station:	SPA_036	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	0,9	Note:	-	54°99,541	14°62,883	18 m
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Sand	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	21.32	16,90	54°99,549	14°62,899	CELA (SNIE backup)	SNIE	MILS	Dist. 14 m
CTDO								Dist. 6258732 m
Haps Infauna	21.40	16,90	54°99,539	14°62,912	PEPE	SNIE	MILS	Dist. 19 m
Haps Chem								Dist. 6258732 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	1b	Sediment description:	Flora:	None	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%	Fine sand with small ripples, shell fragments and fauna tracks with different colors	Invertebrates:	Dom by fauna tracks and holes from either bivalves or polychaetes (1 %), shell fragments from common cockle (<1 %).	0%	INF_SPA_036	Sand, a little amount of gravel and shell fragments	Sandy color
Mud/silt (%)	0%				Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	100 %		Overall coverage	None	None			
Gravel (%)	0%		Fish:	None	Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)
Cobbles <10 cm (%)	0%				0%			
Boulders >10 cm (%)	0%		Video file id:	SPA_036		Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Overall coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:		Overall coverage	Depth	Temperature	Remarks
Mud/silt (%)					Overall coverage			
Sand (%)			Fish:		Overall coverage	Others	QA: PEPE, Flora and invertebrate changed. Liv	
Gravel (%)								
Cobbles <10 cm (%)			Video file id:					
Boulders >10 cm (%)								

Kunde:	Energinet	Date:	2022-03-10	Area:	Baltic Sea	Planned target			
Project:	ENOE	Wind speed (m/s)	9 m/s	Station:	SPA_037	Northing	Easting	Depth	
Vessel	Skoven	Wave height (m)	0,7	Note:	-	54°97,334	14°64,736	17 m	
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Sand		
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance	
ROV	17:59	16,10	54°97,327	14°64,735	SNIE	CELA	PEPE	Dist. 7 m	
CTDO								Dist. 6256753 m	
Haps Infauna	18:03	16,10	54°97,334	14°64,736	SNIE	CELA	PEPE	Dist. 1 m	
Haps Chem								Dist. 6256753 m	
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition			
Sediment type:	1b	Sediment description:	Sandy bottom, distinct ripples, wave ripples	Flora:	Diatoms patches, dead eelgrass. Substrate specific: <1 %	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%			Invertebrates:	Dom by mobile blue mussels (<1-1 %), white shell fragments (<1-1 %) barnacles (<1 %); additionally common cockle (<1 %), and a red polychaete (<1 %), shrimp sp (<1 %).	<1 %	INF_SPA_37	Sand, gravel, shell fragments	Sandy colour
Mud/silt (%)	0%			Fish:	Sand goby (<1 %)	<1-1 %	None	Visible species (Infauna)	
Sand (%)	100 %			Video file id:	SPA_037	<1 %		Baltic amphipod, polychaete	
Gravel (%)	0%						Photo id (Chem)	Composition (Chem)	Colour (Chem)
Cobbles <10 cm (%)	0%								
Boulders >10 cm (%)	0%						Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)			
Sediment type:		Sediment description:		Flora:		Overall coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)				Invertebrates:					
Mud/silt (%)				Fish:			Depth	Temperature	Remarks
Sand (%)				Video file id:					
Gravel (%)									
Cobbles <10 cm (%)							Others	QA: PEPE, Invertebrates changed. Liv	
Boulders >10 cm (%)									

Kunde:	Energinet	Date:	2022-03-10	Area:	Baltic Sea	Planned target			
Project:	ENOE	Wind speed (m/s)	9 m/s	Station:	SPA_038	Northing	Easting	Depth	
Vessel	Skoven	Wave height (m)	0,6	Note:	-	54°97,872	14°62,448	17 m	
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Muddy sand		
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance	
ROV	18:15	16,40	54°97,872	14°62,448	SNIE	CELA	PEPE	Dist. m	
CTDO								Dist. 6256879 m	
Haps Infauna	18:19	16,40	54°97,868	14°62,436	SNIE	CELA	PEPE	Dist. 9 m	
Haps Chem								Dist. 6256879 m	
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition			
Sediment type:	1b	Sediment description:	Flora:	Diatom patches on the bottom, red bushes. Substrate specific: 0 %	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)	
Clay (%)	0%	Sandy bottom with fine to medium grain size, clear wave ripples.	Invertebrates:	Dom by shell fragments (<1 %) from e.g. common cockle, blue mussels (<1 %), barnacles (<1 %), hydrozoans (<1 %).	0 %	INF_SPA_038	Sand, gravel, shell fragments,	Sandy colour	
Mud/silt (%)	0%				Overall coverage	Smell (Infauna)	Visible species (Infauna)		
Sand (%)	100 %		<1 %	None	None				
Gravel (%)	0%		Fish:	Sand goby (<1 %)	Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)	
Cobbles <10 cm (%)	0%				<1 %				
Boulders >10 cm (%)	0%		Video file id:	SPA_038			Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)			
Sediment type:		Sediment description:	Flora:		Overall coverage	Oxygen %	Oxygen mg/l	Salinity	
Clay (%)			Invertebrates:						
Mud/silt (%)					Overall coverage	Depth	Temperature	Remarks	
Sand (%)									
Gravel (%)			Fish:		Overall coverage	Others	QA: PEPE, invertebrates changed. Liv		
Cobbles <10 cm (%)									
Boulders >10 cm (%)			Video file id:						

Kunde:	Energinet	Date:	2022-03-10	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	8 m/s	Station:	SPA_039	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	,7 m	Note:	-	54°98,810	14°61,113	18 m
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Muddy sand	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	21.09	16,90	54°98,822	14°61,129	CELA (SNIE backup)	SNIE	MILS	Dist. 17 m
CTDO								Dist. 6257615 m
Haps Infauna	21:17	16,90	54°98,811	14°61,118	PEPE	SNIE	MILS	Dist. 4 m
Haps Chem								Dist. 6257615 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	1b	Sediment description:	Flora:	None	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%	Sand bottom with ripples, fine to medium	Invertebrates:	Dom by tracks from faunal activity in the bottom from polychaetes or bivalves (<1-5 %), shell fragments (<1-3 %), mobile blue mussels (<1 %); additionally shrimp (mysidae)	0 %	INF_SPA_039	Sand and gravel	Sandy color
Mud/silt (%)	0%				Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	100 %		<1-5 %	None	None			
Gravel (%)	<1 %		Fish:	Sand goby (<1 %)	Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)
Cobbles <10 cm (%)	0%				<1 %			
Boulders >10 cm (%)	0%		Video file id:	SPA_039			Smell (Chem)	Visible species (Chem)
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Overall coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:					
Mud/silt (%)					Overall coverage	Depth	Temperature	Remarks
Sand (%)								
Gravel (%)			Fish:		Overall coverage	Others	QA: PEPE, Invertebrates changed. Liv	
Cobbles <10 cm (%)								
Boulders >10 cm (%)			Video file id:					

Kunde:	Energinet	Date:	2022-03-10	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	8 m/s	Station:	SPA_040	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	0,7	Note:	-	54°98,886	14°58,395	18 m
ROV	Yes	Infauna	No	Chemistry	No	Expected substrate	Sedimentary rock	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	20.50	16,80	54°98,873	14°58,390	SNIE	CELA	MILS	Dist. 15 m
CTDO								Dist. 6257170 m
Haps Infauna								Dist. 6257170 m
Haps Chem								Dist. 6257170 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	1b	Sediment description:	Flora:	Hildenbrandia. Substrate specific: <1 %	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%	Fine to medium grained sand bottom with wave ripples, a few boulders.	Invertebrates:	Sand: Dom by infauna tracks either from bivalves or polychaetes (<1 %) and shellfragments (<1 %); Rocks dom by attached blue mussels (<1 %), barnacles (<1 %), calcareous tube worms (<1 %).	<1 %			
Mud/silt (%)	0%				Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	100 %		<1 %					
Gravel (%)	0%		Fish:	Sand goby (<1 %)	Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)
Cobbles <10 cm (%)	0%		<1 %					
Boulders >10 cm (%)	<1 %		Video file id:	SPA_040			Smell (Chem)	Visible species (Chem)
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Overall coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:					
Mud/silt (%)					Overall coverage	Depth	Temperature	Remarks
Sand (%)								
Gravel (%)			Fish:		Overall coverage	Others	QA: PEPE, Flora and invertebrate changed. Liv	
Cobbles <10 cm (%)								
Boulders >10 cm (%)			Video file id:					

Kunde:	Energinet	Date:	2022-03-10	Area:	Baltic Sea	Planned target			
Project:	ENOE	Wind speed (m/s)	11 m/s	Station:	SPA_041	Northing	Easting	Depth	
Vessel	Skoven	Wave height (m)	0,7	Note:	-	55°00,612	14°55,655	19 m	
ROV	Yes	Infauna	No	Chemistry	No	Expected substrate	Sedimentary rock		
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance	
ROV	19:58	18,50	55°00,622	14°55,673	SNIE	CELA	SEWE	Dist. 16 m	
CTDO								Dist. 6258470 m	
Haps Infauna								Dist. 6258470 m	
Haps Chem								Dist. 6258470 m	
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition			
Sediment type:	3	Sediment description:	Sand bottom with some boulders and cobbles scattered around	Flora:	Hildenbrandia (1 %), brown crust (<1 %), red bushes (<1 %). Substrate specific: 1 %.	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%			Invertebrates:	Dom by attached blue mussels (20-60 %) with barnacles(1-5 %), calcareous tube worms (Serpulidae) (<1-2%)	<1-1 %			
Mud/silt (%)	0%			Fish:	None	Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	45 %					20-30 %			
Gravel (%)	15 %					Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)
Cobbles <10 cm (%)	20 %					0 %			
Boulders >10 cm (%)	20 %				Video file id:	SPA_041	Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)			
Sediment type:		Sediment description:		Flora:		Overall coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)				Invertebrates:					
Mud/silt (%)				Fish:			Depth	Temperature	Remarks
Sand (%)									
Gravel (%)									
Cobbles <10 cm (%)							Others	QA: PEPE, Invertebrates changed. Liv	
Boulders >10 cm (%)					Video file id:				

Kunde:	Energinet	Date:	2022-03-10	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	11 m/s	Station:	SPA_042	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	0,7	Note:	-	54°99,468	14°54,035	23 m
ROV	Yes	Infauna	No	Chemistry	No	Expected substrate	Sedimentary rock	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	19:35	23,20	54°99,479	14°54,055	SNIE	CELA	PEPE	Dist. 18 m
CTDO								Dist. 6256946 m
Haps Infauna								Dist. 6256946 m
Haps Chem								Dist. 6256946 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	1b	Sediment description:	Flora:	None	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	<1%	Sandy bottom, medium to coarse grained sand bottom, gravel, few large boulders.	Invertebrates:	Dom by of blue mussels (1-10 %) (both attached, and mobile individuals and clusters), barnacles (<1 %), bryozoans (<1 %)	0 %			
Mud/silt (%)	0%				Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	98 %		Fish:	Juvenile cod (<1 %)	<1-5 %			
Gravel (%)	1 %				Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)
Cobbles <10 cm (%)	1 %				<1 %			
Boulders >10 cm (%)	<1%		Video file id:	SPA_42			Smell (Chem)	Visible species (Chem)
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Overall coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:					
Mud/silt (%)					Overall coverage	Depth	Temperature	Remarks
Sand (%)			Fish:					
Gravel (%)					Overall coverage	Others	QA: PEPE, Flora and invertebrates changed. Liv	
Cobbles <10 cm (%)								
Boulders >10 cm (%)			Video file id:					

Kunde:	Energinet	Date:	2022-03-10	Area:	Baltic Sea	Planned target			
Project:	ENOE	Wind speed (m/s)	10 m/s	Station:	SPA_043	Northing	Easting	Depth	
Vessel	Skoven	Wave height (m)	0,7	Note:	-	54°97,200	14°56,187	18 m	
ROV	Yes	Infauna	No	Chemistry	No	Expected substrate	Sedimentary rock		
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance	
ROV	19:13	18,60	54°97,203	14°56,181	SNIE	CELA	PEPE	Dist. 5 m	
CTDO								Dist. 6254957 m	
Haps Infauna								Dist. 6254957 m	
Haps Chem								Dist. 6254957 m	
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition			
Sediment type:	3	Sediment description:	Mixed sand bottom, gravel, cobbles, boulders, clay in between the wave ripples, close by (SW) type 3 was observed	Flora:	Brown crust (<1-1 %). Substrate specific: <1 %	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	3 %			Invertebrates:	Dom by attached blue mussels(15-70 %), barnacles (1-10 %)	Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Mud/silt (%)	0%			Fish:	None	Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)
Sand (%)	52 %			Video file id:	SPA_043	Smell (Chem)	Visible species (Chem)		
Gravel (%)	10 %			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Cobbles <10 cm (%)	20 %			Flora:		Overall coverage	Oxygen %	Oxygen mg/l	Salinity
Boulders >10 cm (%)	15 %			Invertebrates:		Overall coverage	Depth	Temperature	Remarks
ROV Secondary visual verification (sediment)			Fish:		Overall coverage	Others	QA: PEPE, Invertebrates changed. Liv		
Sediment type:		Sediment description:	Video file id:						
Clay (%)									
Mud/silt (%)									
Sand (%)									
Gravel (%)									
Cobbles <10 cm (%)									
Boulders >10 cm (%)									

Kunde:	Energinet	Date:	2022-03-10	Area:	Baltic Sea	Planned target			
Project:	ENOE	Wind speed (m/s)	11 m/s	Station:	SPA_044	Northing	Easting	Depth	
Vessel	Skoven	Wave height (m)	0,7	Note:	No HAPS due to hard substrate	54°97,133	14°58,623	18 m	
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Muddy sand		
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance	
ROV	18:51	16,80	54°97,117	14°58,642	SNIE	MILS	PEPE	Dist. 21 m	
CTDO								Dist. 6255356 m	
Haps Infauna									
Haps Chem								Dist. 6255356 m	
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition			
Sediment type:	2	Sediment description:	Flora:	Hildenbrandia (<1 %) and brown crust (<1 %). Substrate specific: <1 %	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)	
Clay (%)	0%	Sandy bottom with wave ripples with boulders and cobbles. A local type 3	Invertebrates:	Dom by attached blue mussels (15-25 %) on the boulders, barnacles (1 %); additionally calcareous tube worms (<1 %), shrimps (<1 %).	<1 %				
Mud/silt (%)	0%				Overall coverage	Smell (Infauna)	Visible species (Infauna)		
Sand (%)	73 %				10-15 %				
Gravel (%)	10 %		Fish:	None	Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)	
Cobbles <10 cm (%)	10 %				0 %				
Boulders >10 cm (%)	7 %		Video file id:	SPA_044			Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)			
Sediment type:		Sediment description:	Flora:		Overall coverage	Oxygen %	Oxygen mg/l	Salinity	
Clay (%)			Invertebrates:						
Mud/silt (%)					Overall coverage	Depth	Temperature	Remarks	
Sand (%)									
Gravel (%)			Fish:		Overall coverage	Others	QA: PEPE, Flora and invertebrate changed. Liv		
Cobbles <10 cm (%)									
Boulders >10 cm (%)			Video file id:						

Kunde:	Energinet	Date:	2022-03-10	Area:	Baltic Sea	Planned target			
Project:	ENOE	Wind speed (m/s)	13 m/s	Station:	SPA_045	Northing	Easting	Depth	
Vessel	Skoven	Wave height (m)	0,7	Note:	-	54°97,106	14°60,726	17 m	
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Muddy sand		
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance	
ROV	18:33	16,30	54°97,111	14°60,749	SNIE	SELA	PEPE	Dist. 16 m	
CTDO								Dist. 6255734 m	
Haps Infauna	18:40	16,30	54°97,096	14°60,741	SNIE	SELA	PEPE	Dist. 14 m	
Haps Chem								Dist. 6255734 m	
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition			
Sediment type:	1b	Sediment description:	Flora:	Hiidenbrandia (<1 %). Substrate specific: <1 %	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)	
Clay (%)	0%	Sandy bottom, wave ripples, few boulders, shell fragments and some gravel	Invertebrates:	Dom by attached blue mussels (<1-5 %), white shell fragments (1 %), barnacles (<1-2 %), hydrozoans(<1 %), bryozoans (<1 %)	<1 %	INF_SPA_045	Sand, gravel, shell fragments,	Sandy colour	
Mud/silt (%)	0%				Overall coverage	Smell (Infauna)	Visible species (Infauna)		
Sand (%)	99 %		<1-2 %	Polychaetes					
Gravel (%)	1 %		Fish:	None	Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)	
Cobbles <10 cm (%)	0%				0 %				
Boulders >10 cm (%)	<1%		Video file id:	SPA_045			Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)			
Sediment type:		Sediment description:	Flora:		Overall coverage	Oxygen %	Oxygen mg/l	Salinity	
Clay (%)			Invertebrates:		Overall coverage	Depth	Temperature	Remarks	
Mud/silt (%)					Overall coverage				
Sand (%)			Fish:		Overall coverage	Others	QA: PEPE, Invertebrates changed. Liv		
Gravel (%)					Overall coverage				
Cobbles <10 cm (%)			Video file id:						
Boulders >10 cm (%)									

Kunde:	Energinet	Date:	2022-03-10	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	10 m/s	Station:	SPA_046	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	0,5	Note:	-	54°96,117	14°63,509	17 m
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Muddy sand	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	17:21	16,00	54°96,113	14°63,515	MILS	SNIE	SEWE	Dist. 6 m
CTDO								Dist. 6255225 m
Haps Infauna	17:28	16,00	54°96,114	14°63,511	MILS	SNIE	SEWE	Dist. 3 m
Haps Chem								Dist. 6255225 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	1b	Sediment description:	Flora:	None	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%	Fine grained sandy bottom with distinct wave ripples.	Invertebrates:	Dom by shell fragments (1%), tracks from infauna and epifauna on the sediment made by polychaetes or bivalves (<1%), mobile blue mussels (<1%).	0 %	INF_SPA_046	Sand, gravel, cobble, shells (hjertermuslinger).	Sand colour
Mud/silt (%)	0%				Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	100 %		<1-1 %	None	Amphipod			
Gravel (%)	0%		Fish:	None	Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)
Cobbles <10 cm (%)	0%				0 %			
Boulders >10 cm (%)	0%		Video file id:	SPA_046		Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Overall coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:		Overall coverage	Depth	Temperature	Remarks
Mud/silt (%)					Overall coverage			
Sand (%)			Fish:		Overall coverage	Others	QA: PEPE, invertebrates changed. Liv	
Gravel (%)					Overall coverage			
Cobbles <10 cm (%)			Video file id:					
Boulders >10 cm (%)								

Kunde:	Energinet	Date:	2022-03-10	Area:	Baltic Sea	Planned target			
Project:	ENOE	Wind speed (m/s)	9 m/s	Station:	SPA_047	Northing	Easting	Depth	
Vessel	Skoven	Wave height (m)	0,7	Note:	-	54°94,345	14°65,861	16 m	
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Sand		
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance	
ROV	16:59	15,90	54°94,347	14°65,822	MILS	SNIE	SEWE	Dist. 25 m	
CTDO								Dist. 6253805 m	
Haps Infauna	17:05	15,90	54°94,342	14°65,861	MILS	SNIE	SEWE	Dist. 3 m	
Haps Chem								Dist. 6253805 m	
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition			
Sediment type:	1b	Sediment description:	Sandy bottom with ripples, shell fragments, broad ripples, different colours.	Flora:	Red bush. Substrate specific: <1 %	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%			Invertebrates:	Dom by holes and tracks from either polychaetes or bivalves (<1-3 %), mobile blue mussels (<1-2 %), white shellfragments (<1-2 %), barnacles (<1 %).	<1 %	INF_SPA_047	Sand with shell fragments and some gravel	Sand colour
Mud/silt (%)	0%			Fish:	Flounder tracks, sand goby (<1 %)	Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	100 %					<1-3 %	None	None	
Gravel (%)	0%			Video file id:	SPA_047	Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)
Cobbles <10 cm (%)	0%					<1 %			
Boulders >10 cm (%)	<1 %						Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)			
Sediment type:		Sediment description:		Flora:		Overall coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)				Invertebrates:					
Mud/silt (%)				Fish:			Depth	Temperature	Remarks
Sand (%)									
Gravel (%)				Video file id:			Others	QA: PEPE, Invertebrates changed. Liv	
Cobbles <10 cm (%)									
Boulders >10 cm (%)									

Kunde:	Energinet	Date:	2022-03-10	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	7 m/s	Station:	SPA_048	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	0,7	Note:	-	54°94,534	14°63,396	16 m
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Muddy sand	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	16:37	16,40	54°94,550	14°63,422	MILS	CELA	SEWE	Dist. 25 m
CTDO								
Haps Infauna	16:45	16,40	54°94,534	14°63,407	MILS	CELA	SEWE	Dist. 7 m
Haps Chem								Dist. 6253526 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	1b	Sediment description:	Flora:	None	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	%	Sand bottom with some gravel, fine sand with clear wave ripples.	Invertebrates:	Dom by infauna tracks either from bivalves or polychaetes (<1 %); additionally few mobile blue mussels (<1 %) with barnacles (<1 %), white shell fragments (common cockle) (<1 %).	0 %	INF_SPA_048	Fine white sand with mussel fragments (hjertermuslinger), a bit of gravel and coarse sand	Sand colour
Mud/silt (%)	%				Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	99 %		<1 %	None	Alive mussels (common cockle)			
Gravel (%)	1 %		Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)		
Cobbles <10 cm (%)	%		<1 %	Fish:	Flounder tracks.			
Boulders >10 cm (%)	<1 %		Video file id:	SPA_048			Smell (Chem)	Visible species (Chem)
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Overall coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:					
Mud/silt (%)					Overall coverage	Depth	Temperature	Remarks
Sand (%)								
Gravel (%)			Overall coverage	Fish:		Others	QA: PEPE, Flora and invertebrate changed.	
Cobbles <10 cm (%)								
Boulders >10 cm (%)			Video file id:					

Kunde:	Energinet	Date:	2022-03-10	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	6 m/s	Station:	SPA_049	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	0,7	Note:	Small sample due to sediment type	54°96,017	14°59,715	18 m
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Muddy sand	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	15:33	19,40	54°96,018	14°59,718	MILS	CELA	SEWE	Dist. 2 m
CTDO								Dist. 6254385 m
Haps Infauna	15:41	19,40	54°96,016	14°59,717	MILS	CELA	SEWE	Dist. 2 m
Haps Chem								Dist. 6254385 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	1b/2a	Sediment description:	Flora:	Brown crust. Substrate specific: <1 %	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%	Sand bottom, medium to coarse sand, gravel, a couple of boulders, cobbles	Invertebrates:	Dom by attached and mobile blue mussels (1-4 %), shell fragments (1-2 %), and some barnacles (<1-2 %)	<1 %	INF_SPA_049	Sand, gravel, shell fragments	Sand and gravel colour
Mud/silt (%)	0%				Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	74 %		1-4 %	None	None			
Gravel (%)	10 %		Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)		
Cobbles <10 cm (%)	15 %		0 %					
Boulders >10 cm (%)	1 %		Video file id:	SPA_049		Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Overall coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:					
Mud/silt (%)					Overall coverage	Depth	Temperature	Remarks
Sand (%)								
Gravel (%)			Overall coverage	Others	QA: PEPE, Invertebrates changed. Liv			
Cobbles <10 cm (%)								
Boulders >10 cm (%)			Video file id:					

Kunde:	Energinet	Date:	2022-03-10	Area:	Baltic Sea	Planned target			
Project:	ENOE	Wind speed (m/s)	9 m/s	Station:	SPA_050	Northing	Easting	Depth	
Vessel	Skoven	Wave height (m)	0,7	Note:	HAPS sample not taken due to substrate	54°95,611	14°57,156	20 m	
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Muddy sand		
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance	
ROV	15:11	17,70	54°95,634	14°57,164	MILS	CELA	SEWE	Dist. 26 m	
CTDO								Dist. 6253459 m	
Haps Infauna								Dist. 6253459 m	
Haps Chem								Dist. 6253459 m	
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition			
Sediment type:	4	Sediment description:	Flora:	Brown crust (<1-2 %), red bushes (polysiphonia stricta) (<1-1 %). Substrate specific: 4 %	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)	
Clay (%)	1 %	Coarse sand bottom, gravel, clear wave ripples, cobbles, boulders and some clay.		Invertebrates:	Dom by attached blue mussels (30-100 %) with barnacles (2-5 %), hydrozoan (Obelia sp.) (<1 %)	<1-2 %			
Mud/silt (%)	0%				Overall coverage	Smell (Infauna)	Visible species (Infauna)		
Sand (%)	29 %			Fish:	None	40-90 %			
Gravel (%)	10 %					Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)
Cobbles <10 cm (%)	25 %					0 %			
Boulders >10 cm (%)	35 %			Video file id:	SPA_050			Smell (Chem)	Visible species (Chem)
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)			
Sediment type:		Sediment description:	Flora:		Overall coverage	Oxygen %	Oxygen mg/l	Salinity	
Clay (%)				Invertebrates:					
Mud/silt (%)			Overall coverage		Depth	Temperature	Remarks		
Sand (%)			Fish:		Overall coverage				
Gravel (%)						Others	QA: PEPE, Invertebrates and flora changed. Liv		
Cobbles <10 cm (%)			Video file id:						
Boulders >10 cm (%)									

Kunde:	Energinet	Date:	2022-03-10	Area:	Baltic Sea	Planned target			
Project:	ENOE	Wind speed (m/s)	8 m/s	Station:	SPA_051	Northing	Easting	Depth	
Vessel	Skoven	Wave height (m)	0,7	Note:	-	54°95,687	14°54,671	20 m	
ROV	Yes	Infauna	No	Chemistry	No	Expected substrate	Sedimentary rock		
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance	
ROV	14:53	19,20	54°95,690	14°54,664	MILS	CELA	SEWE	Dist. 6 m	
CTDO								Dist. 6253060 m	
Haps Infauna								Dist. 6253060 m	
Haps Chem								Dist. 6253060 m	
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition			
Sediment type:	3	Sediment description:	Clay, coarse sand, boulders and cobbles	Flora:	Hildenbrandia (<1-2 %), brown crust (<1-2 %), Furcellaria lumbicalis (<1 %). Substrate specific: 2 %	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	2 %			Invertebrates:	Dom by attached blue mussels (10-50 %) with barnacles (1-5 %), calcareous tube worms (Serpulidae) (<1-2 %), bryozoans.	Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Mud/silt (%)	0%			Fish:	None	Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)
Sand (%)	43 %			Video file id:	SPA_051	Smell (Chem)	Visible species (Chem)		
Gravel (%)	10 %			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Cobbles <10 cm (%)	25 %			Flora:		Overall coverage	Oxygen %	Oxygen mg/l	Salinity
Boulders >10 cm (%)	20 %			Invertebrates:		Overall coverage	Depth	Temperature	Remarks
ROV Secondary visual verification (sediment)			Fish:		Overall coverage	Others	QA: PEPE, invertebrate changed. Liv		
Sediment type:		Sediment description:	Video file id:						
Clay (%)									
Mud/silt (%)									
Sand (%)									
Gravel (%)									
Cobbles <10 cm (%)									
Boulders >10 cm (%)									

Kunde:	Energinet	Date:	2022-03-10	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	9 m/s	Station:	SPA_052	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	0,7	Note:	-	54°96,987	14°52,333	23 m
ROV	Yes	Infauna	No	Chemistry	No	Expected substrate	Sedimentary rock	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	14:32	22,30	54°96,984	14°52,338	MILS	CELA	SEWE	Dist. 5 m
CTDO								Dist. 6253987 m
Haps Infauna								Dist. 6253987 m
Haps Chem								Dist. 6253987 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	2	Sediment description:	Flora:	Brown crust (<1%), hildenbrandia(<1%), red algae (coccolytus)<1%). Substrate specific: <1 %	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%	Sand, cobbles and boulders. Distinct wave ripples.	Invertebrates:	Dom by attached blue mussels (15-20 %) with barnacles (<1-1 %); additionally a amphipod (sp) (<1 %), calcareous tube worms (Serpulidae) (<1 %).	<1 %			
Mud/silt (%)	0%				Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	76 %		1-15 %					
Gravel (%)	10 %		Fish:	Sand goby (<1 %)	Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)
Cobbles <10 cm (%)	10 %		<1 %					
Boulders >10 cm (%)	4 %		Video file id:	SPA_052		Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Overall coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:		Overall coverage	Depth	Temperature	Remarks
Mud/silt (%)					Overall coverage			
Sand (%)			Fish:		Overall coverage	Others	QA: PEPE, Flora and invertebrate changed. Liv	
Gravel (%)					Overall coverage			
Cobbles <10 cm (%)			Video file id:					
Boulders >10 cm (%)								

Kunde:	Energinet	Date:	2022-03-10	Area:	Baltic Sea	Planned target			
Project:	ENOE	Wind speed (m/s)	9 m/s	Station:	SPA_053	Northing	Easting	Depth	
Vessel	Skoven	Wave height (m)	0,7	Note:	-	54°97,852	14°50,509	24 m	
ROV	Yes	Infauna	No	Chemistry	No	Expected substrate	Till/Diamicton		
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance	
ROV	14:14	23,50	54°97,865	14°50,516	MILS	CELA	SEWE	Dist. 15 m	
CTDO								Dist. 6254554 m	
Haps Infauna								Dist. 6254554 m	
Haps Chem								Dist. 6254554 m	
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition			
Sediment type:	2	Sediment description:	Flora:	Brown crust (1-2 %). Hildenbrandia (1-2 %). Substrate specific: 2 %	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)	
Clay (%)	0%	Mixed bottom with sand, gravel, cobbles and scatered boulders, wave ripples where the sand is.		Invertebrates:	Dom by attached blue mussels (10-20 %) with barnacles (1-5 %), hydrozoans (obelia geniculata) (<1 %)	<1-2 %			
Mud/silt (%)	0%				Fish:	None	Overall coverage	Smell (Infauna)	Visible species (Infauna)
Sand (%)	70 %			Video file id:		SPA_053	5-15 %	Photo id (Chem)	Composition (Chem)
Gravel (%)	10 %				Smell (Chem)		Visible species (Chem)		
Cobbles <10 cm (%)	15 %								
Boulders >10 cm (%)	5 %								
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)			
Sediment type:		Sediment description:	Flora:		Overall coverage	Oxygen %	Oxygen mg/l	Salinity	
Clay (%)				Invertebrates:					
Mud/silt (%)					Fish:		Overall coverage	Depth	Temperature
Sand (%)				Video file id:					
Gravel (%)					Others		QA: PEPE, Flora and invertebrate changed. Liv		
Cobbles <10 cm (%)									
Boulders >10 cm (%)									

Kunde:	Energinet	Date:	2022-03-10	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	9 m/s	Station:	SPA_054	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	0,7	Note:	Small HAPS sample	54°95,959	14°47,887	25 m
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Sand	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	13:50	24,40	54°95,989	14°47,880	SNIE	MILS	PEPE	Dist. 34 m
CTDO								Dist. 6252043 m
Haps Infauna	13:54	24,40	54°95,955	14°47,895	SNIE	MILS	PEPE	Dist. 6 m
Haps Chem								Dist. 6252043 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	1b/2	Sediment description:	Flora:	Brown crust (<1%), hildenbrandia (<1%), a small Coccotylus (<1%). Substrate specific: <1 %	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	10 %	Sandy bottom with clear wave ripples, some boulders and cobbles, gravel, medium sand, coarse sand, some clay.	Invertebrates:	Dom by attached and mobile blue mussels (5-10%), barnacles (<1-1%), bryozoans (<1%), calcareous tube worms (<1%), shell fragments (<1%)	<1 %	INF_SPA_054	Gravel, sand and cobbles	Sand
Mud/silt (%)	0%		Fish:	None	Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	63 %		Video file id:	SPA_054	5-10 %	None	Blue mussels, different worms	
Gravel (%)	20 %				Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)
Cobbles <10 cm (%)	5 %				0 %			
Boulders >10 cm (%)	2 %					Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Overall coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:					
Mud/silt (%)			Fish:		Overall coverage	Depth	Temperature	Remarks
Sand (%)			Video file id:					
Gravel (%)						Others	QA: PEPE, flora and invertebrates changed. Liv	
Cobbles <10 cm (%)								
Boulders >10 cm (%)								

Kunde:	Energinet	Date:	2022-03-10	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	9 m/s	Station:	SPA_055	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	0,7	Note:	-	54°95,481	14°52,944	21 m
ROV	Yes	Infauna	No	Chemistry	No	Expected substrate	Sedimentary rock	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	13:26	20,70	54°95,507	14°52,969	SNIE	MILS	PEPE	Dist. 33 m
CTDO								Dist. 6252509 m
Haps Infauna								Dist. 6252509 m
Haps Chem								Dist. 6252509 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	2	Sediment description:	Flora:	Hildenbrandia (<1-5 %), brown crust (<1 %). Substrate specific: 2 %	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	5 %	Sandy bottom, boulders, cobbles, sand ripples, some gravel.	Invertebrates:	Dom by attached blue mussels (40 %), barnacles (1-5 %) some of the bigger boulders are almost covered one with barnacles, bryozoans (<1 %), lionsmane jellyfish (<1 %).	<1-1 %			
Mud/silt (%)	0%			Fish:	None	Overall coverage	Smell (Infauna)	Visible species (Infauna)
Sand (%)	54 %				20-40 %			
Gravel (%)	15 %				Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)
Cobbles <10 cm (%)	20 %				0 %			
Boulders >10 cm (%)	6 %			Video file id:	SPA_055	Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Overall coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:					
Mud/silt (%)				Fish:		Overall coverage	Depth	Temperature
Sand (%)								
Gravel (%)								
Cobbles <10 cm (%)						Others	QA: PEPE, Flora and invertebrate changed. Liv	
Boulders >10 cm (%)				Video file id:				

Kunde:	Energinet	Date:	2022-03-10	Area:	Baltic Sea	Planned target			
Project:	ENOE	Wind speed (m/s)	9 m/s	Station:	SPA_056	Northing	Easting	Depth	
Vessel	Skoven	Wave height (m)	0,7	Note:	-	54°94,268	14°55,494	19 m	
ROV	Yes	Infauna	No	Chemistry	No	Expected substrate	Till/Diamicton		
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance	
ROV	13:09	17,60	54°94,250	14°55,510	SNIE	MILS	PEPE	Dist. 22 m	
CTDO								Dist. 6251715 m	
Haps Infauna								Dist. 6251715 m	
Haps Chem								Dist. 6251715 m	
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition			
Sediment type:	3	Sediment description:	Flora:	Hildenbrandia (1-2 %), and brown crust (1-2 %). Substrate specific: 2 %	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)	
Clay (%)	10 %	Mixed bottom with sand with wave ripples, boulders, cobbles, medium to coarse sand.	Invertebrates:	Dom by attached blue mussels (20-90 %), barnacles(1-3 %); additionally a shrimp sp.(<1 %), same tracks from infaunal activity (<1 %), calcareous tube worms (<1 %).	<1-2 %				
Mud/silt (%)	0%				Overall coverage	Smell (Infauna)	Visible species (Infauna)		
Sand (%)	58 %		Overall coverage	Fish:	None	25-40 %			
Gravel (%)	10 %					Photo id (Chem)	Composition (Chem)	Colour (Chem)	
Cobbles <10 cm (%)	10 %		Video file id:	SPA_056			Smell (Chem)	Visible species (Chem)	
Boulders >10 cm (%)	12 %								
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)			
Sediment type:		Sediment description:	Flora:		Overall coverage	Oxygen %	Oxygen mg/l	Salinity	
Clay (%)			Invertebrates:						
Mud/silt (%)					Overall coverage	Depth	Temperature	Remarks	
Sand (%)			Overall coverage	Fish:					
Gravel (%)						Others	QA PEPE, Liv		
Cobbles <10 cm (%)			Video file id:						
Boulders >10 cm (%)									

Kunde:	Energinet	Date:	2022-03-10	Area:	Baltic Sea	Planned target			
Project:	ENOE	Wind speed (m/s)	9 m/s	Station:	SPA_057	Northing	Easting	Depth	
Vessel	Skoven	Wave height (m)	0,7	Note:	Three tries and no Haps sample due to type of sediment.	54°93,868	14°56,758	19 m	
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Muddy sand		
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance	
ROV	12:52	19,20	54°93,880	14°56,763	SNIE	MILS	PEPE	Dist. 14 m	
CTDO								Dist. 6251535 m	
Haps Infauna								Dist. 6251535 m	
Haps Chem								Dist. 6251535 m	
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition			
Sediment type:	3	Sediment description:	Flora:	Hildenbrandia (<1-2 %), brown crust (<1-2 %). Substrate specific: 2 %	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)	
Clay (%)	<1%	Sand bottom, boulders, cobbles, some clay, gravel.	Invertebrates:	Dom by attached blue mussels (30 %), barnacles (1-5 %), calcareous tube worms (Serpulidae) (<1-2 %); additionally hydrozoans, bryozoans,	<1-2 %				
Mud/silt (%)	0%				Overall coverage	Smell (Infauna)	Visible species (Infauna)		
Sand (%)	40 %				5-30 %				
Gravel (%)	10 %		Fish:	None	Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)	
Cobbles <10 cm (%)	30 %				0 %				
Boulders >10 cm (%)	20 %		Video file id:	SPA_057			Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)			
Sediment type:		Sediment description:	Flora:		Overall coverage	Oxygen %	Oxygen mg/l	Salinity	
Clay (%)			Invertebrates:						
Mud/silt (%)					Overall coverage	Depth	Temperature	Remarks	
Sand (%)									
Gravel (%)			Fish:		Overall coverage	Others	QA: PEPE, Flora and invertebrate changed. Liv		
Cobbles <10 cm (%)									
Boulders >10 cm (%)			Video file id:						

Kunde:	Energinet	Date:	2022-03-10	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	9 m/s	Station:	SPA_058	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	0,7	Note:	-	54°93,218	14°58,082	20 m
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Muddy sand	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	12:36	20,40	54°93,225	14°58,094	SNIE	MILS	PEPE	Dist. 10 m
CTDO								Dist. 6251103 m
Haps Infauna	12:41	20,40	54°93,218	14°58,094	SNIE	MILS	PEPE	Dist. 7 m
Haps Chem								Dist. 6251103 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	1b	Sediment description:	Flora:	None	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%	Sandy bottom, wave ripples, few boulders, medium to coarse sand.	Invertebrates:	Dom by attached and mobile clusters blue mussels (1-3 %), barnacles (<1%); additionally bryozoans (<1%)	0 %	INF_SPA_058	Sand, gravel, shell fragments	Sandy color
Mud/silt (%)	0%				Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	100 %		<1-3 %	None	Polychaetes			
Gravel (%)	<1%		Fish:	None	Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)
Cobbles <10 cm (%)	<1%				0 %			
Boulders >10 cm (%)	<1%		Video file id:	SPA_058			Smell (Chem)	Visible species (Chem)
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Overall coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:					
Mud/silt (%)					Overall coverage	Depth	Temperature	Remarks
Sand (%)								
Gravel (%)			Fish:		Overall coverage	Others	QA: PEPE, Flora and invertebrate changed. Liv	
Cobbles <10 cm (%)								
Boulders >10 cm (%)			Video file id:					

Kunde:	Energinet	Date:	2022-03-10	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	7 m/s	Station:	SPA_059	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	0,6	Note:	-	54°94,788	14°60,390	20 m
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Muddy sand	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	15:56	20,20	54°94,804	14°60,356	MILS	CELA	SEWE	Dist. 28 m
CTDO								Dist. 6253213 m
Haps Infauna	16:03	20,20	54°94,793	14°60,392	MILS	CELA	SEWE	Dist. 6 m
Haps Chem								Dist. 6253213 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	1b	Sediment description:	Flora:	None	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%	Sand bottom, cobbles, gravel, medium sand, wide wave ripples.	Invertebrates:	Dom by tracks from infaunal activity from bivalves or polychaetes (<1-5 %); additionally mobile blue mussels (<1 %), some barnacles (<1 %)	0 %	INF_SPA_059	Sand with shell fragments, a bit of gravel	Sandy colour
Mud/silt (%)	0%		Fish:	European plaice (<1 %)	Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	97 %				<1-5 %	None	Polychaete	
Gravel (%)	2 %		Video file id:	SPA_059	Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)
Cobbles <10 cm (%)	1 %				<1 %			
Boulders >10 cm (%)	0%					Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Overall coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:					
Mud/silt (%)			Fish:		Overall coverage	Depth	Temperature	Remarks
Sand (%)								
Gravel (%)			Video file id:		Overall coverage	Others	QA: PEPE, Flora and invertebrate changed. Liv	
Cobbles <10 cm (%)								
Boulders >10 cm (%)								

Kunde:	Energinet	Date:	2022-03-10	Area:	Baltic Sea	Planned target			
Project:	ENOE	Wind speed (m/s)	9 m/s	Station:	SPA_060	Northing	Easting	Depth	
Vessel	Skoven	Wave height (m)	0,6	Note:	-	54°93,647	14°60,910	18 m	
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Muddy sand		
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance	
ROV	16:15	18,30	54°93,650	14°60,914	MILS	CELA	SEWE	Dist. 5 m	
CTDO								Dist. 6252104 m	
Haps Infauna	16:23	18,30	54°93,647	14°60,902	MILS	CELA	SEWE	Dist. 5 m	
Haps Chem								Dist. 6252104 m	
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition			
Sediment type:	1b	Sediment description:	Flora:	None	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)	
Clay (%)	0%	Sand bottom with ripples, a few boulders	Invertebrates:	Dom by mobile blue mussels (5-15 %), barnacles (<1-1 %), Substrate specific: 60 % blue mussel coverage on few boulders, shell fragments (<1-1 %).	0 %	INF_SPA_060	Coarse sand, gravel, cobbles, shell fragments	Sand / gravel colour	
Mud/silt (%)	0%				Overall coverage	Smell (Infauna)	Visible species (Infauna)		
Sand (%)	96 %		5-15 %	None	None				
Gravel (%)	2 %		Overall coverage	Fish:	None	Photo id (Chem)	Composition (Chem)	Colour (Chem)	
Cobbles <10 cm (%)	2 %					0 %			
Boulders >10 cm (%)	<1 %		Video file id:	SPA_060			Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)			
Sediment type:		Sediment description:	Flora:		Overall coverage	Oxygen %	Oxygen mg/l	Salinity	
Clay (%)			Invertebrates:		Overall coverage	Depth	Temperature	Remarks	
Mud/silt (%)					Overall coverage				
Sand (%)			Overall coverage	Fish:		Others	QA: PEPE, invertebrates changed. Liv		
Gravel (%)									
Cobbles <10 cm (%)			Video file id:						
Boulders >10 cm (%)									

Kunde:	Energinet	Date:	2022-03-10	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	7 m/s	Station:	SPA_061	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	0,5	Note:	-	54°92,076	14°60,138	18 m
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Muddy sand	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	06:38	18,50	54°92,102	14°60,165	MILS	PEPE	SEWE	Dist. 33 m
CTDO								Dist. 6250291 m
Haps Infauna	06:44	18,50	54°92,088	14°60,146	MILS	PEPE	SEWE	Dist. 14 m
Haps Chem								Dist. 6250291 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	1b	Sediment description:	Flora:	None	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%	Sandy bottom with clear ripples, a few boulders.	Invertebrates:	Dom by mobile blue mussels (<1-5 %), with barnacles (<1 %), tracks from mussels or polychaetes (1-3 %), white shell fragments from bivalves (<1-1 %).	0 %	INF_SPA_061	Top 10 cm sand, below the sand there is silt, gravel, shell fragments	Sand colour for sand and grey for the silt
Mud/silt (%)	0%				Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	100 %		<1-5 %	None	None			
Gravel (%)	0%		Fish:	Sand goby (<1 %)	Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)
Cobbles <10 cm (%)	0%				<1 %			
Boulders >10 cm (%)	<1 %		Video file id:	SPA_061		Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Overall coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:					
Mud/silt (%)					Overall coverage	Depth	Temperature	Remarks
Sand (%)								
Gravel (%)			Fish:		Overall coverage	Others	QA: PEPE, Flora and invertebrate changed. Liv	
Cobbles <10 cm (%)								
Boulders >10 cm (%)			Video file id:					

Kunde:	Energinet	Date:	2022-03-10	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	7 m/s	Station:	SPA_062	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	0,5	Note:	Small sample due to sediment	54°92,405	14°62,092	17 m
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Muddy sand	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	06:23	16,90	54°92,423	14°62,069	MILS	PEPE	SEWE	Dist. 25 m
CTDO								Dist. 6251018 m
Haps Infauna	06:28	16,90	54°92,413	14°62,083	MILS	PEPE	SEWE	Dist. 11 m
Haps Chem								Dist. 6251018 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	1b	Sediment description:	Flora:	None	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%	Sandy bottom with clear ripples, shell fragments	Invertebrates:	Dom by mobile blue mussels (<1 %) with barnacles (<1 %) and tracks in the sediment from faunal activity such as holes from bivalves or polychaetes (<1-1 %)	0 %	INF_SPA_062	Sand and gravel	Sand colour
Mud/silt (%)	0%				Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	98 %		<1-1 %	None	None			
Gravel (%)	2 %		Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)		
Cobbles <10 cm (%)	0%			<1 %				
Boulders >10 cm (%)	0%		Video file id:	SPA_062		Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Overall coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:		Overall coverage	Depth	Temperature	Remarks
Mud/silt (%)					Overall coverage			
Sand (%)			Overall coverage	Fish:		Others	QA: PEPE, Flora and invertebrate changed. Liv	
Gravel (%)							Video file id:	
Cobbles <10 cm (%)								
Boulders >10 cm (%)								

Kunde:	Energinet	Date:	2022-03-10	Area:	Baltic Sea	Planned target			
Project:	ENOE	Wind speed (m/s)	7 m/s	Station:	SPA_063	Northing	Easting	Depth	
Vessel	Skoven	Wave height (m)	0,5	Note:	-	54°91,853	14°67,036	17 m	
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Sand		
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance	
ROV	06:01	16,70	54°91,862	14°67,010	MILS	PEPE	SEWE	Dist. 19 m	
CTDO								Dist. 6251395 m	
Haps Infauna	06:07	16,70	54°91,858	14°67,038	MILS	PEPE	SEWE	Dist. 5 m	
Haps Chem								Dist. 6251395 m	
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition			
Sediment type:	1b	Sediment description:	Flora:	Loose dead eelgrass	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)	
Clay (%)	0%	Sandy substrate with ripples and shell fragments	Invertebrates:	Dom by shell fragments from bivalves (1-5 %), mobile blue mussels (<1 %), and few banacles (<1 %)	0 %	INF_SPA_063	Sandy bottom with shell fragments and gravel	Sand colour	
Mud/silt (%)	0%				Overall coverage	Smell (Infauna)	Visible species (Infauna)		
Sand (%)	100 %		<1-5 %	None	Two amphipods				
Gravel (%)	0%		Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)			
Cobbles <10 cm (%)	0%						<1 %		
Boulders >10 cm (%)	0%		Video file id:	SPA_063			Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)			
Sediment type:		Sediment description:	Flora:		Overall coverage	Oxygen %	Oxygen mg/l	Salinity	
Clay (%)			Invertebrates:		Overall coverage	Depth	Temperature	Remarks	
Mud/silt (%)									
Sand (%)			Overall coverage	Fish:			Others	QA: PEPE, Flora and invertebrate changed. Liv	
Gravel (%)									
Cobbles <10 cm (%)			Video file id:						
Boulders >10 cm (%)									

Kunde:	Energinet	Date:	2022-03-09	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	8 m/s	Station:	SPA_064	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	0,5	Note:	-	54°88,821	14°67,950	15 m
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Sand	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	21:44	15,20	54°88,798	14°67,924	SNIE	MILS	CELA	Dist. 30 m
CTDO								Dist. 6248361 m
Haps Infauna	21:50	15,20	54°88,822	14°67,888	SNIE	MILS	CELA	Dist. 40 m
Haps Chem								Dist. 6248361 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	1b	Sediment description:	Flora:	Diatoms patches on the sand	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%	Sand bottom with wave ripples, mostly fine sand	Invertebrates:	Dom by mobile individuals of blue mussels (<1 %) with barnacles (<1 %), some tracks of infauna activity possible from bivalves, white shell fragments	0 %	INF_SPA_064	Sand, a little gravel and shell fragments	Sand
Mud/silt (%)	0%				Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	100 %		<1 %	None	Mya bivalve			
Gravel (%)	0%		Fish:	None	Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)
Cobbles <10 cm (%)	0%				0 %			
Boulders >10 cm (%)	0%		Video file id:	SPA_064			Smell (Chem)	Visible species (Chem)
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Overall coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:		Overall coverage	Depth	Temperature	Remarks
Mud/silt (%)					Overall coverage			
Sand (%)			Fish:		Overall coverage	Others	QA: PEPE, flora and invertebrates changed. Liv	
Gravel (%)								
Cobbles <10 cm (%)			Video file id:					
Boulders >10 cm (%)								

Kunde:	Energinet	Date:	2022-03-09	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	6 m/s	Station:	SPA_065	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	0,4	Note:	-	54°89,647	14°64,685	15 m
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Sand	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	21:19	15,80	54°89,640	14°64,652	SNIE	MILS	PEPE	Dist. 22 m
CTDO								Dist. 6248600 m
Haps Infauna	21:27	15,80	54°89,645	14°64,632			CELA	Dist. 34 m
Haps Chem								Dist. 6248600 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	1b	Sediment description:	Flora:	Diatom patches on the sand bottom	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%	Sandy bottom, wave ripples, shell fragments, the sand is fine to medium in grain size.	Invertebrates:	Dom by some activity in the bottom from bivalves or polychaetes (1-5 %), mobile blue mussels (<1 %), barnacles (<1 %)	0 %	INF_SPA_065	Sand, shell fragments	Sand-colour, some of the sand is grey
Mud/silt (%)	0%				Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	100 %		Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)		
Gravel (%)	0%		Overall coverage	Smell (Chem)	Visible species (Chem)			
Cobbles <10 cm (%)	0%		Overall coverage					
Boulders >10 cm (%)	0%		Overall coverage					
		Video file id:	SPA_065					
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Overall coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:					
Mud/silt (%)					Overall coverage	Depth	Temperature	Remarks
Sand (%)			Overall coverage					
Gravel (%)			Overall coverage					
Cobbles <10 cm (%)			Overall coverage					
Boulders >10 cm (%)			Overall coverage					
		Video file id:				Others	QA: PEPE, Flora and invertebrate changed. Liv	

Kunde:	Energinet	Date:	2022-03-10	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	6 m/s	Station:	SPA_066	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	0,5	Note:	-	54°90,498	14°60,243	19 m
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Muddy sand	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	06:57	18,90	54°90,507	14°60,225	MILS	PEPE	SEWE	Dist. 15 m
CTDO								Dist. 6248639 m
Haps Infauna	07:03	18,90	54°90,505	14°60,232	MILS	PEPE	SEWE	Dist. 10 m
Haps Chem								Dist. 6248639 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	1b	Sediment description:	Flora:	None	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%	Sandy bottom with distinct ripples, some gravel, medium to coarse sand	Invertebrates:	Dom by shell fragments (<1 %) and mobile blue mussels (<1 %).	0 %	INF_SPA_066	Sand and gravel	Sand colour
Mud/silt (%)	0%			Fish:	Sand gobies (<1 %)	Overall coverage	Smell (Infauna)	Visible species (Infauna)
Sand (%)	95 %		<1 %			None	None	
Gravel (%)	5 %		Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)		
Cobbles <10 cm (%)	0%		<1 %					
Boulders >10 cm (%)	0%		Video file id:	SPA_066		Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Overall coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:					
Mud/silt (%)				Fish:		Overall coverage	Depth	Temperature
Sand (%)			Overall coverage					
Gravel (%)			Video file id:			Others	QA: PEPE, Flora and invertebrate changed. Liv	
Cobbles <10 cm (%)								
Boulders >10 cm (%)								

Kunde:	Energinet	Date:	2022-03-10	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	9 m/s	Station:	SPA_067	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	0,5	Note:	-	54°91,432	14°58,242	20 m
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Muddy sand	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	07:13	20,10	54°91,447	14°58,208	MILS	PEPE	SEWE	Dist. 28 m
CTDO								Dist. 6249241 m
Haps Infauna	07:19	20,10	54°91,444	14°58,224	MILS	PEPE	SEWE	Dist. 18 m
Haps Chem								Dist. 6249241 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	1b	Sediment description:	Flora:	None	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%	Sandy bottom with clear and straight ripples, with large troughs, medium to coarse sand.	Invertebrates:	Dom by mobile blue mussels (1-3 %) with barnacles (<1 %) attached, and shell fragments (1-2 %).	0 %	INF_SPA_067	Sand and gravel	Sand and gravel colour
Mud/silt (%)	0%				Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	98 %		<1-3 %	None	None			
Gravel (%)	2 %		Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)		
Cobbles <10 cm (%)	0%		<1 %					
Boulders >10 cm (%)	0%		Video file id:	SPA_067		Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Overall coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:					
Mud/silt (%)					Overall coverage	Depth	Temperature	Remarks
Sand (%)								
Gravel (%)			Overall coverage	Others	QA: PEPE, Flora and invertebrate changed. Liv			
Cobbles <10 cm (%)								
Boulders >10 cm (%)			Video file id:					

Kunde:	Energinet	Date:	2022-03-10	Area:	Baltic Sea	Planned target				
Project:	ENOE	Wind speed (m/s)	10 m/s	Station:	SPA_068	Northing	Easting	Depth		
Vessel	Skoven	Wave height (m)	0,7	Note:	-	54°92,270	14°56,837	19 m		
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Muddy sand			
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance		
ROV	12:18	21,00	54°92,267	14°56,795	SNIE	MILS	PEPE	Dist. 27 m		
CTDO								Dist. 6249857 m		
Haps Infauna	12:23	21,00	54°92,274	14°56,816	SNIE	MILS	PEPE	Dist. 14 m		
Haps Chem								Dist. 6249857 m		
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition				
Sediment type:	2	Sediment description:	Sandy bottom dominates, cobbles, boulders, gravel.	Flora:	Brown crust (<1%), red bushes (<1 %), Coccotylus (<1 %). Substrate specific: <1 %	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)	
Clay (%)	0%					<1 %	INF_SPA_068	Sand, coarse sand, gravel, cobbles, some clay, shell fragments	Colour of sand and gravel	
Mud/silt (%)	0%				Invertebrates:	Dom by attached blue mussels (2-5 %) (60 % coverage on hard substrate), shell fragments (<1-1 %), barnacles (<1 %); additionally bryozoans on a little rock (<1 %), hydrozoans on a stone. Few signs of faunal activity in the sediment.	Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	69 %					<1-5 %	None	None	None	
Gravel (%)	20 %				Fish:	None	Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)
Cobbles <10 cm (%)	10 %					0 %				
Boulders >10 cm (%)	1 %				Video file id:	SPA_68	Smell (Chem)	Visible species (Chem)		
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)				
Sediment type:		Sediment description:		Flora:		Overall coverage	Oxygen %	Oxygen mg/l	Salinity	
Clay (%)										
Mud/silt (%)					Invertebrates:		Overall coverage	Depth	Temperature	Remarks
Sand (%)										
Gravel (%)					Fish:		Overall coverage	Others	QA: PEPE, flora and invertebrates. Liv	
Cobbles <10 cm (%)										
Boulders >10 cm (%)					Video file id:					

Kunde:	Energinet	Date:	2022-03-10	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	8 m/s	Station:	SPA_069	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	0,6	Note:	-	54°92,501	14°55,408	17 m
ROV	Yes	Infauna	No	Chemistry	No	Expected substrate	Quarternary clay and silt	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	12:00	18,70	54°92,504	14°55,417	SNIE	MILS	PEPE	Dist. 7 m
CTDO								Dist. 6249826 m
Haps Infauna								Dist. 6249826 m
Haps Chem								Dist. 6249826 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	2	Sediment description:	Flora:	Hildenbrandia <1-5 %, Furcellaria (<1%), delesseria. Substrate specific: <1-5 %	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%	Sandy bottom, a lot of cobbles, some boulders, a local type 3.	Invertebrates:	Dom by high coverage of attached blue mussels (25-70 %), barnacles (1-5 %), hydrozoans (<1 %), calcareous tube worms (Serpulidae) (<1-2 %)	<1-5 %			
Mud/silt (%)	0%			Overall coverage	Smell (Infauna)	Visible species (Infauna)		
Sand (%)	70 %		Overall coverage		5-30 %			
Gravel (%)	5 %		Fish:	None	Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)
Cobbles <10 cm (%)	20 %				0 %			
Boulders >10 cm (%)	5 %		Video file id:	SPA_069			Smell (Chem)	Visible species (Chem)
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Overall coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:					
Mud/silt (%)				Overall coverage	Depth	Temperature	Remarks	
Sand (%)			Overall coverage					
Gravel (%)			Fish:			Others	QA PEPE: Flora and invertebrates changed. Liv	
Cobbles <10 cm (%)								
Boulders >10 cm (%)			Video file id:					

Kunde:	Energinet	Date:	2022-03-10	Area:	Baltic Sea	Planned target			
Project:	ENOE	Wind speed (m/s)	11 m/s	Station:	SPA_070	Northing	Easting	Depth	
Vessel	Skoven	Wave height (m)	0,7	Note:	-	54°92,908	14°54,385	17 m	
ROV	Yes	Infauna	No	Chemistry	No	Expected substrate	Quarternary clay and silt		
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance	
ROV	11:26	18,60	54°92,911	14°54,390	SNIE	CELA	PEPE	Dist. 5 m	
CTDO								Dist. 6250059 m	
Haps Infauna								Dist. 6250059 m	
Haps Chem								Dist. 6250059 m	
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition			
Sediment type:	3	Sediment description:	Flora:	Brown crust (1-3 %), hildenbrandia (1 %). Substrate specific: 1 %	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)	
Clay (%)	0%	Sandy bottom, boulders, cobbles, some gravel, plastic tray.	Invertebrates:	Dom by attached blue mussels (25-40 %), barnacles (1-2 %); additionally hydrozoans and calcareous tube worms (<1 %), bryozoans (<1 %).	1-3 %				
Mud/silt (%)	0%				Overall coverage	Smell (Infauna)	Visible species (Infauna)		
Sand (%)	60 %		Overall coverage	25-30 %					
Gravel (%)	15 %		Fish:	None	Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)	
Cobbles <10 cm (%)	10 %				0 %				
Boulders >10 cm (%)	15 %		Video file id:	SPA_70			Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)			
Sediment type:		Sediment description:	Flora:		Overall coverage	Oxygen %	Oxygen mg/l	Salinity	
Clay (%)			Invertebrates:		Overall coverage				
Mud/silt (%)					Overall coverage	Depth	Temperature	Remarks	
Sand (%)			Fish:		Overall coverage				
Gravel (%)							Others	QA: PEPE, Flora and invertebrate changed. Liv	
Cobbles <10 cm (%)			Video file id:						
Boulders >10 cm (%)									

Kunde:	Energinet	Date:	2022-03-10	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	11 m/s	Station:	SPA_071	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	0,7	Note:	-	54°93,462	14°53,066	20 m
ROV	Yes	Infauna	No	Chemistry	No	Expected substrate	Sedimentary rock	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	11:06	21,20	54°93,468	14°53,080	SNIE	CELA	PEPE	Dist. 11 m
CTDO								Dist. 6250392 m
Haps Infauna								Dist. 6250392 m
Haps Chem								Dist. 6250392 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	2	Sediment description:	Flora:	Hildenbrandia (1-3%), Coccolytus (<1 %). Substrate specific: 2 %	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%	Sandy bottom, some boulders, cobbles, some gravel, medium to coarse sand.	Invertebrates:	Dom by attached blue mussels (10-30 %), barnacles (1-3 %), bryozoans (<1 %)	<1-3 %			
Mud/silt (%)	0%				Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	72 %		Fish:	Sand goby (<1 %)	10-20 %			
Gravel (%)	10 %				Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)
Cobbles <10 cm (%)	10 %				<1 %			
Boulders >10 cm (%)	8 %		Video file id:	SPA_071			Smell (Chem)	Visible species (Chem)
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Overall coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:					
Mud/silt (%)					Overall coverage	Depth	Temperature	Remarks
Sand (%)			Fish:					
Gravel (%)					Overall coverage	Others	QA: PEPE, Flora and invertebrate changed. Liv	
Cobbles <10 cm (%)								
Boulders >10 cm (%)			Video file id:					

Kunde:	Energinet	Date:	2022-03-10	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	11 m/s	Station:	SPA_072	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	0,7	Note:	-	54°94,474	14°49,941	22 m
ROV	Yes	Infauna	No	Chemistry	No	Expected substrate	Sedimentary rock	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	10:41	22,00	54°94,478	14°50,010	SNIE	CELA	PEPE	Dist. 44 m
CTDO								Dist. 6250863 m
Haps Infauna								Dist. 6250863 m
Haps Chem								Dist. 6250863 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	3	Sediment description:	Flora:	Hildenbrandia (<1 %) and brown crust (<1 %). Substrate specific: <1 %	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	<1%	Sandy bottom with boulders, cobbles, some gravel, wave ripples in the sand.	Invertebrates:	Dom by attached blue mussels (10-30 %) (50 % coverage on hard substrate), barnacles (<1 %), calcareous tube worms (<1 %), bryozoans (<1 %)	<1 %			
Mud/silt (%)	0%				Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	63 %		10-30 %					
Gravel (%)	15 %		Overall coverage	Fish:	None	Photo id (Chem)	Composition (Chem)	Colour (Chem)
Cobbles <10 cm (%)	10 %					0 %		
Boulders >10 cm (%)	12 %		Video file id:	SPA_072			Smell (Chem)	Visible species (Chem)
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Overall coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:					
Mud/silt (%)					Overall coverage	Depth	Temperature	Remarks
Sand (%)								
Gravel (%)			Overall coverage	Fish:		Others	QA: PEPE, flora and invertebrates changed. Liv	
Cobbles <10 cm (%)								
Boulders >10 cm (%)			Video file id:					

Kunde:	Energinet	Date:	2022-03-10	Area:	Baltic Sea	Planned target			
Project:	ENOE	Wind speed (m/s)	9 m/s	Station:	SPA_073	Northing	Easting	Depth	
Vessel	Skoven	Wave height (m)	0,5	Note:	-	54°92,339	14°53,780	20 m	
ROV	Yes	Infauna	No	Chemistry	No	Expected substrate	Quaternary clay and silt		
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance	
ROV	08:28	20,00	54°92,331	14°53,806	MILS	SEWE	CELA	Dist. 19 m	
CTDO								Dist. 6249339 m	
Haps Infauna								Dist. 6249339 m	
Haps Chem								Dist. 6249339 m	
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition			
Sediment type:	2	Sediment description:	Flora:	Hildenbrandia (<1 %), brown crust (<1 %). Substrate specific: <1 %	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)	
Clay (%)	0%	Sandy bottom with distinct wave ripples, coarse sand, gravel and some cobbles and a few boulders, shell fragments	Invertebrates:	Dom by attached blue mussels (5-20 %) with barnacles attached (1 %), bryozoans (<1-2 %; (blue mussels coverage on rocks: 85 %)	<1 %				
Mud/silt (%)	0%				Overall coverage	Smell (Infauna)	Visible species (Infauna)		
Sand (%)	63 %				5-15 %				
Gravel (%)	20 %		Fish:	None	Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)	
Cobbles <10 cm (%)	15 %				0 %				
Boulders >10 cm (%)	2 %		Video file id:	SPA_073			Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)			
Sediment type:		Sediment description:	Flora:		Overall coverage	Oxygen %	Oxygen mg/l	Salinity	
Clay (%)			Invertebrates:		Overall coverage				
Mud/silt (%)					Overall coverage	Depth	Temperature	Remarks	
Sand (%)			Fish:		Overall coverage	Others	QA: PEPE, Flora and invertebrate changed. Liv		
Gravel (%)									
Cobbles <10 cm (%)			Video file id:						
Boulders >10 cm (%)									

Kunde:	Energinet	Date:	2022-03-10	Area:	Baltic Sea	Planned target						
Project:	ENOE	Wind speed (m/s)	5 m/s	Station:	SPA_074	Northing	Easting	Depth				
Vessel	Skoven	Wave height (m)	0,5	Note:	-	54°91,932	14°54,769	20 m				
ROV	Yes	Infauna	No	Chemistry	No	Expected substrate	Quaternary clay and silt					
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance				
ROV	08:15	19,20	54°91,915	14°54,755	MILS	SNIE	CELA	Dist. 21 m				
CTDO								Dist. 6249099 m				
Haps Infauna								Dist. 6249099 m				
Haps Chem								Dist. 6249099 m				
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition						
Sediment type:	3	Sediment description:	Sandy bottom with fine, medium and coarse sand, cobbles, boulders and gravel, wave ripples	Flora:	Brown crust. Substrate specific: 1 %	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)			
Clay (%)	0%			Invertebrates:	Dom by attached blue mussels (5-20 %) with barnacles (<1-5 %); additionally mysidae shrimp (<1 %)	Overall coverage	Smell (Infauna)	Visible species (Infauna)				
Mud/silt (%)	0%			Fish:	Shorthorn sculpin (<1 %)	Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)			
Sand (%)	55 %			Video file id:	SPA_074	Smell (Chem)	Visible species (Chem)					
Gravel (%)	20 %			ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Cobbles <10 cm (%)	10 %			Flora:		Overall coverage	Oxygen %	Oxygen mg/l	Salinity			
Boulders >10 cm (%)	15 %			Invertebrates:		Overall coverage	Depth	Temperature	Remarks			
			Fish:		Overall coverage	Others	QA: PEPE, invertebrates and fish changed. Liv					
			Video file id:									

Kunde:	Energinet	Date:	2022-03-10	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	9 m/s	Station:	SPA_075	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	0,5	Note:	-	54°91,418	14°55,912	21 m
ROV	Yes	Infauna	No	Chemistry	No	Expected substrate	Quaternary clay and silt	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	07:29	22,40	54°91,437	14°55,903	MILS	PEPE	SEWE	Dist. 22 m
CTDO								Dist. 6248775 m
Haps Infauna								Dist. 6248775 m
Haps Chem								Dist. 6248775 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	2	Sediment description:	Flora:	Hildebrandia (<1-2 %). Substrate specific: <1 %	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%	Sand, cobbles and boulders.	Invertebrates:	Dom by attached blue mussels (5-20 %) with barnacles (1-2 %), some tubes of Pygospio elegans (<1-4 %), hydrozoans (<1 %), bryozoans (<1 %).	<1 -2 %			
Mud/silt (%)	0%				Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	88 %		5-7 %					
Gravel (%)	2 %		Fish:	Sand goby (<1 %)	Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)
Cobbles <10 cm (%)	6 %		<1 %					
Boulders >10 cm (%)	4 %		Video file id:	SPA_075			Smell (Chem)	Visible species (Chem)
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Overall coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:					
Mud/silt (%)					Overall coverage	Depth	Temperature	Remarks
Sand (%)								
Gravel (%)			Fish:		Overall coverage	Others	QA: PEPE, Flora and invertebrate changed. Liv	
Cobbles <10 cm (%)								
Boulders >10 cm (%)			Video file id:					

Kunde:	Energinet	Date:	2022-03-09	Area:	Baltic Sea	Planned target			
Project:	ENOE	Wind speed (m/s)	6 m/s	Station:	SPA_076	Northing	Easting	Depth	
Vessel	Skoven	Wave height (m)	0,3	Note:	-	54°90,530	14°57,119	23 m	
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Muddy sand		
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance	
ROV	20:27	21,20	54°90,496	14°57,132	SNIE	MILS	CELA	Dist. 39 m	
CTDO								Dist. 6248068 m	
Haps Infauna	20:32	21,20	54°90,539	14°57,063	SNIE		CELA	Dist. 37 m	
Haps Chem								Dist. 6248068 m	
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition			
Sediment type:	1b	Sediment description:	Flora:	None	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)	
Clay (%)	0%	Fine to medium grained sand and gravel, distinct wave ripples	Invertebrates:	Dom by attached blue mussels (1-4 %), barnacles (<1 %), shell fragments from e.g. myidae (<1 %)	0 %	INF_SPA_076	Sand, a lot of gravel, a few small rocks and shell fragmnets	Sand	
Mud/silt (%)	0%				Overall coverage	Smell (Infauna)	Visible species (Infauna)		
Sand (%)	69 %		<1-4 %	None	None				
Gravel (%)	30 %		Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)			
Cobbles <10 cm (%)	1 %		0 %						
Boulders >10 cm (%)	0%		Video file id:	SPA_076		Smell (Chem)	Visible species (Chem)		
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)			
Sediment type:		Sediment description:	Flora:		Overall coverage	Oxygen %	Oxygen mg/l	Salinity	
Clay (%)			Invertebrates:						
Mud/silt (%)					Overall coverage	Depth	Temperature	Remarks	
Sand (%)									
Gravel (%)			Overall coverage	Fish:			Others	QA: PEPE, invertebrates changed. Liv	
Cobbles <10 cm (%)									
Boulders >10 cm (%)			Video file id:						

Kunde:	Energinet	Date:	2022-03-09	Area:	Baltic Sea	Planned target			
Project:	ENOE	Wind speed (m/s)	6 m/s	Station:	SPA_077	Northing	Easting	Depth	
Vessel	Skoven	Wave height (m)	0,3	Note:	-	54°88,986	14°59,427	21 m	
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Sand		
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance	
ROV	20:49	21,00	54°88,970	14°59,379	SNIE	MILS	CELA	Dist. 35 m	
CTDO								Dist. 6246878 m	
Haps Infauna	20:55	21,00	54°88,993	14°59,395			CELA	Dist. 22 m	
Haps Chem								Dist. 6246878 m	
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition			
Sediment type:	1b	Sediment description:	Flora:	None	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)	
Clay (%)	0%	Medium grained sand	Invertebrates:	Dom by holes and tracks from infauna activity such as polychaetes or bivalves (1-5 %), shell fragments (1-5 %), mobile blue mussels (1-3 %), barnacles (<1 %)	0 %	INF_SPA_077	Sand a little gravel and bivalve shell fragments	Sand	
Mud/silt (%)	0%				Overall coverage	Smell (Infauna)	Visible species (Infauna)		
Sand (%)	100 %		Fish:	Sand goby (<1 %)	<1-5 %	None	Many worms		
Gravel (%)	0%		Video file id:	SPA_077	Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)	
Cobbles <10 cm (%)	0%				<1 %				
Boulders >10 cm (%)	0%					Smell (Chem)	Visible species (Chem)		
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)			
Sediment type:		Sediment description:	Flora:		Overall coverage	Oxygen %	Oxygen mg/l	Salinity	
Clay (%)			Invertebrates:						
Mud/silt (%)					Overall coverage	Depth	Temperature	Remarks	
Sand (%)			Fish:						
Gravel (%)			Video file id:		Overall coverage	Others	QA: PEPE, Flora and invertebrate changed. Liv		
Cobbles <10 cm (%)									
Boulders >10 cm (%)									

Kunde:	Energinet	Date:	2022-03-09	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	3 m/s	Station:	SPA_078	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	0,2	Note:	-	54°86,750	14°66,256	17 m
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Sand	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	09:37	15,60	54°86,735	14°66,273	MILS	SNIE	CELA	Dist. 20 m
CTDO								Dist. 6245838 m
Haps Infauna	09:43	15,60	54°86,724	14°66,232	MILS		CELA	Dist. 32 m
Haps Chem								Dist. 6245838 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	1b	Sediment description:	Flora:	None	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%	Fine to medium grained sand, a little gravel, distinct ripples.	Invertebrates:	Dom by shell fragments (1%), some tracks from infauna activity made by bivalves or polychaetes (1%); additionally small mobile clusters of blue mussels (<1%) with barnacles (<1%), common cockle (<1%), a red polychaete.	0 %	INF_SPA_078	Sand, a little gravel and shell fragments	Sand
Mud/silt (%)	0%				Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	98 %		<1-1 %	None	Worms, amphipods and small white bivalves			
Gravel (%)	2 %		Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)		
Cobbles <10 cm (%)	0%		0 %					
Boulders >10 cm (%)	0%		Video file id:	SPA_78		Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Overall coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:		Overall coverage	Depth	Temperature	Remarks
Mud/silt (%)					Overall coverage			
Sand (%)			Overall coverage					
Gravel (%)			Overall coverage					
Cobbles <10 cm (%)			Video file id:			Others	QA: PEPE, invertebrates changed. Liv	
Boulders >10 cm (%)								

Kunde:	Energinet	Date:	2022-03-09	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	3 m/s	Station:	SPA_079	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	0,2	Note:	-	54°86,831	14°61,619	17 m
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Sand	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	10:03	17,60	54°86,826	14°61,599	SNIE	CEWE	PEPE	Dist. 14 m
CTDO								Dist. 6245021 m
Haps Infauna	10:08	17,60	54°86,823	14°61,607	SNIE	CEWE	PEPE	Dist. 11 m
Haps Chem								Dist. 6245021 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	1b	Sediment description:	Flora:	Drifting redalgae	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%	Sandy bottom, medium grained size sand, distinct wave ripples	Invertebrates:	Dom by holes and tracks from infauna activity such as polychaetes or bivalves (1-5 %), shell fragments (1-2 %), mobile blue mussels (1-5 %), and barnacles (<1 %)	0 %	INF_SPA_079	Sand, some gravel, shell fragments, some cobbles	Sandy colour
Mud/silt (%)	0%				Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	100 %		1-5 %	None	White bivalves, blue mussels, 3 cm polychaete			
Gravel (%)	0%		Fish:	Sand goby (<1 %)	Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)
Cobbles <10 cm (%)	0%				<1 %			
Boulders >10 cm (%)	0%		Video file id:	SPA_079		Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Overall coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:		Overall coverage	Depth	Temperature	Remarks
Mud/silt (%)					Overall coverage			
Sand (%)			Fish:		Overall coverage	Others	QA: PEPE, Flora and invertebrate changed. Liv	
Gravel (%)					Overall coverage			
Cobbles <10 cm (%)			Video file id:					
Boulders >10 cm (%)								

Kunde:	Energinet	Date:	2022-03-09	Area:	Baltic Sea	Planned target			
Project:	ENOE	Wind speed (m/s)	3 m/s	Station:	SPA_081	Northing	Easting	Depth	
Vessel	Skoven	Wave height (m)	0,2	Note:	-	54°90,722	14°55,410	20 m	
ROV	Yes	Infauna	No	Chemistry	No	Expected substrate	Quarternary clay and silt		
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance	
ROV	20:12	21,20	54°90,719	14°55,410	SNIE	MILS	CELA	Dist. 3 m	
CTDO								Dist. 6247940 m	
Haps Infauna								Dist. 6247940 m	
Haps Chem								Dist. 6247940 m	
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition			
Sediment type:	1b	Sediment description:	Flora:	None	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)	
Clay (%)	0%	Sand bottom, wave ripples, fine to medium grained sand, and some gravel	Invertebrates:	Dom by mobile and attached blue mussels (<1-1 %), barnacles (<1 %), bryozoans (<1 %); additionally calcareous tube worms (Serpulidae) (<1 %), hydrozoans (<1 %).	0 %				
Mud/silt (%)	0%			Overall coverage	Smell (Infauna)	Visible species (Infauna)			
Sand (%)	80 %		Overall coverage		<1-1 %				
Gravel (%)	20 %		Fish:	Sand goby (<1 %)	Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)	
Cobbles <10 cm (%)	0%				<1 %				
Boulders >10 cm (%)	<1 %		Video file id:	SPA_081			Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)			
Sediment type:		Sediment description:	Flora:		Overall coverage	Oxygen %	Oxygen mg/l	Salinity	
Clay (%)			Invertebrates:						
Mud/silt (%)				Overall coverage		Depth	Temperature	Remarks	
Sand (%)			Fish:		Overall coverage	Others	QA: PEPE, Flora and invertebrate changed. Liv		
Gravel (%)									
Cobbles <10 cm (%)			Video file id:						
Boulders >10 cm (%)									

Kunde:	Energinet	Date:	2022-03-08	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	10 m/s	Station:	SPA_082	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	0,5	Note:	-	54°91,278	14°54,005	18 m
ROV	Yes	Infauna	No	Chemistry	No	Expected substrate	Quarternary clay and silt	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	07:55	20,00	54°91,288	14°54,015	MILS	SNIE	PEPE	Dist. 13 m
CTDO								Dist. 6248258 m
Haps Infauna								Dist. 6248258 m
Haps Chem								Dist. 6248258 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	3	Sediment description:	Flora:	Hildenbrandia (1 %), brown crust (1 %). Substrate specific: 1 %	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%	Mixed sandy bottom with wave ripples, gravel, cobbles, boulders	Invertebrates:	Dom by attached blue mussels (15-25 %) (80 % coverage on hard substrate), barnacles (1-2 %); sea urchin shell, additionally calcareous tube worms (<1 %), and bryozoans (<1 %).	<1 %			
Mud/silt (%)	0%				Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	60 %		15-25 %					
Gravel (%)	10 %		Fish:	None	Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)
Cobbles <10 cm (%)	15 %		0 %					
Boulders >10 cm (%)	15 %		Video file id:	SPA_082			Smell (Chem)	Visible species (Chem)
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Overall coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:		Overall coverage			
Mud/silt (%)					Overall coverage	Depth	Temperature	Remarks
Sand (%)			Fish:		Overall coverage	Others	QA: PEPE, Flora and invertebrates changed. Liv	
Gravel (%)								
Cobbles <10 cm (%)			Video file id:					
Boulders >10 cm (%)								

Kunde:	Energinet	Date:	2022-03-10	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	8 m/s	Station:	SPA_083	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	0,5	Note:	-	54°91,700	14°52,939	19 m
ROV	Yes	Infauna	No	Chemistry	No	Expected substrate	Quaternary clay and silt	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	08:43	19,80	54°91,734	14°52,940	MILS	SNIE	CELA	Dist. 38 m
CTDO								Dist. 6248500 m
Haps Infauna								Dist. 6248500 m
Haps Chem								Dist. 6248500 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	3	Sediment description:	Flora:	Hildenbrandia (1-2 %), Coccolytus (<1 %). Substrate specific: 1 %	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%	Sandy bottom with distinct wave ripples, gravel, cobbles and boulders, limestone	Invertebrates:	Dom by attached blue mussels (10-20 %), barnacles (1-2 %); additionally hydrozoans (<1 %)	<1-2 %			
Mud/silt (%)	0%				Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	68 %		Fish:	Sand goby (<1 %)	2-12 %			
Gravel (%)	10 %				Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)
Cobbles <10 cm (%)	10 %				<1 %			
Boulders >10 cm (%)	12 %		Video file id:	SPA_083			Smell (Chem)	Visible species (Chem)
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Overall coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:					
Mud/silt (%)					Overall coverage	Depth	Temperature	Remarks
Sand (%)			Fish:					
Gravel (%)					Overall coverage	Others	QA: PEPE, Flora and invertebrate changed. Liv	
Cobbles <10 cm (%)								
Boulders >10 cm (%)			Video file id:					

Kunde:	Energinet	Date:	2022-03-10	Area:	Baltic Sea	Planned target			
Project:	ENOE	Wind speed (m/s)	10 m/s	Station:	SPA_084	Northing	Easting	Depth	
Vessel	Skoven	Wave height (m)	0,5	Note:	-	54°92,190	14°51,599	19 m	
ROV	Yes	Infauna	No	Chemistry	No	Expected substrate	Sedimentary rock		
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance	
ROV	08:56	19,30	54°92,199	14°51,598	MILS	SNIE	CELA	Dist. 10 m	
CTDO								Dist. 6248761 m	
Haps Infauna								Dist. 6248761 m	
Haps Chem								Dist. 6248761 m	
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition			
Sediment type:	3	Sediment description:	Flora:	Brown crust (1-3 %), hildenbrandia (1-3 %), coccolytus (<1 %). Substrate specific: <1 %	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)	
Clay (%)	0%	Sand bottom with cobbles and some boulders and gravel. Grain sizes: fine, medium and coarse. Good visibility.		Invertebrates:	Dom by attached blue mussels (10-30 %) with barnacles (1-3 %), calcareous tube worms (<1 %).	1-3 %			
Mud/silt (%)	0%				Fish:	None	Overall coverage	Smell (Infauna)	Visible species (Infauna)
Sand (%)	53 %			Video file id:		SPA_084	10-30 %	Photo id (Chem)	Composition (Chem)
Gravel (%)	5 %				0 %		Smell (Chem)	Visible species (Chem)	
Cobbles <10 cm (%)	30 %								
Boulders >10 cm (%)	12 %								
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)			
Sediment type:		Sediment description:	Flora:		Overall coverage	Oxygen %	Oxygen mg/l	Salinity	
Clay (%)				Invertebrates:					
Mud/silt (%)					Fish:		Overall coverage	Depth	Temperature
Sand (%)				Video file id:					
Gravel (%)							Overall coverage	Others	QA: PEPE, flora and invertebrates changed. Liv
Cobbles <10 cm (%)									
Boulders >10 cm (%)									

Kunde:	Energinet	Date:	2022-03-10	Area:	Baltic Sea	Planned target			
Project:	ENOE	Wind speed (m/s)	10 m/s	Station:	SPA_085	Northing	Easting	Depth	
Vessel	Skoven	Wave height (m)	0,5	Note:	-	54°92,829	14°47,689	23 m	
ROV	Yes	Infauna	No	Chemistry	No	Expected substrate	Sedimentary rock		
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance	
ROV	09:18	23,40	54°92,832	14°47,698	MILS	SNIE	CELA	Dist. 7 m	
CTDO								Dist. 6248685 m	
Haps Infauna								Dist. 6248685 m	
Haps Chem								Dist. 6248685 m	
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition			
Sediment type:	2	Sediment description:	Flora:	Hildenbrandia (<1 %). Substrate specific: 1 %	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)	
Clay (%)	0%	Fine to medium grained sand bottom, sporadic boulders and cobbles	Invertebrates:	Dom by attached blue mussels (10-30 %) with barnacles (1-2 %), hydrozoans (<1 %), tubes of Pygospio elegans (<1 %), some tracks from infauna such as polychaetes or bivalves (1-2 %)	<1 %				
Mud/silt (%)	0%				Overall coverage	Smell (Infauna)	Visible species (Infauna)		
Sand (%)	74 %				10-15 %				
Gravel (%)	2 %		Fish:	European flounder, sand goby (<1 %)	Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)	
Cobbles <10 cm (%)	15 %				<1 %				
Boulders >10 cm (%)	9 %		Video file id:	SPA_085			Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)			
Sediment type:		Sediment description:	Flora:		Overall coverage	Oxygen %	Oxygen mg/l	Salinity	
Clay (%)			Invertebrates:						
Mud/silt (%)					Overall coverage	Depth	Temperature	Remarks	
Sand (%)									
Gravel (%)			Fish:		Overall coverage	Others	QA: PEPE, Flora and invertebrate changed. Liv		
Cobbles <10 cm (%)									
Boulders >10 cm (%)			Video file id:						

Kunde:	Energinet	Date:	2022-03-09	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	11 m/s	Station:	SPA_086	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	0,6	Note:	-	54°93,925	14°45,847	25 m
ROV	Yes	Infauna	No	Chemistry	No	Expected substrate	Till/Diamicton	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	10:17	25,00	54°93,948	14°45,878	SNIE	CELA	PEPE	Dist. 32 m
CTDO								Dist. 6249494 m
Haps Infauna								Dist. 6249494 m
Haps Chem								Dist. 6249494 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	2	Sediment description:	Flora:	Brown crust, and hildenbrandia (<1 %). Substrate specific: <1 %	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	<1%	Mixed sandy bottom with wave ripples, some clay, cobbles, boulders, some gravel.	Invertebrates:	Dom by attached blue mussels (12-20 %), barnacles (<1 %), few tubes from Pygospio elegans (<1 %), calcareous tube worms (<1 %), shell fragments from e.g. Myidae and common cockle (<1 %)	<1 %			
Mud/silt (%)	0%				Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	73 %		12-20 %					
Gravel (%)	5 %		Overall coverage	Fish:	None	Photo id (Chem)	Composition (Chem)	Colour (Chem)
Cobbles <10 cm (%)	15 %			0 %				
Boulders >10 cm (%)	7 %		Video file id:	SPA_086		Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Overall coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:		Overall coverage	Depth	Temperature	Remarks
Mud/silt (%)					Overall coverage			
Sand (%)			Overall coverage	Fish:		Others	QA: PEPE, invertebrates changed. Liv	
Gravel (%)								
Cobbles <10 cm (%)			Video file id:					
Boulders >10 cm (%)								

Kunde:	Energinet	Date:	2022-03-10	Area:	Baltic Sea	Planned target			
Project:	ENOE	Wind speed (m/s)	11 m/s	Station:	SPA_087	Northing	Easting	Depth	
Vessel	Skoven	Wave height (m)	0,6	Note:	Small HAPS due to sediment type	54°93,362	14°43,903	25 m	
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Sand		
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance	
ROV	09:37	25,30	54°93,368	14°43,890	MILS	SNIE	CELA	Dist. 11 m	
CTDO								Dist. 6248524 m	
Haps Infauna	09:53	25,30	54°93,407	14°43,925	MILS	SNIE	CELA	Dist. 52 m	
Haps Chem								Dist. 6248524 m	
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition			
Sediment type:	2	Sediment description:	Sand with cobbles and a few boulders	Flora:	Hildenbrandia (<1 %). Substrate specific: 1 %	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	<1 %			Invertebrates:	Dom by attached blue mussels (15-40 %) with barnacles (1-5 %)	<1 %	INF_SPA_087	Some sand and gravel	Sand and gravel colour
Mud/silt (%)	0%			Fish:	None	Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	68 %					15-40 %	None	Blue mussels, ploychaetes	
Gravel (%)	5 %					Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)
Cobbles <10 cm (%)	25 %					0 %			
Boulders >10 cm (%)	2 %				Video file id:	SPA_087	Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)			
Sediment type:		Sediment description:		Flora:		Overall coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)				Invertebrates:					
Mud/silt (%)				Fish:					
Sand (%)									
Gravel (%)									
Cobbles <10 cm (%)									
Boulders >10 cm (%)					Video file id:			Others	QA: PEPE, Flora and invertebrate changed. Liv

Kunde:	Energinet	Date:	2022-03-08	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	1 m/s	Station:	SPA_088	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	0,1	Note:	-	54°91,817	14°46,229	24 m
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Sand	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	18:30	22,70	54°91,817	14°46,229	SNIE	CELA	PEPE	Dist. m
CTDO								Dist. 6247332 m
Haps Infauna	18:45	22,70	54°91,828	14°46,244	SNIE	CELA	PEPE	Dist. 16 m
Haps Chem								Dist. 6247332 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	2	Sediment description:	Flora:	Brown crust. Substrate specific: <1 %	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%	Sandy bottom, wave ripples, cobbles, boulders, fine/medium/coarse sand.	Invertebrates:	Dom by attached blue mussels (10-20 %), barnacles (<1 %), bryozoans (<1 %), some holes in the sediment made by bivalves or polychaetes (<1 %)	<1 %	INF_SPA_088	sand, gravel, cobbles, shell fragments	Sandy colour
Mud/silt (%)	0%				Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	84 %		10-15 %	None	Polychaetes			
Gravel (%)	5 %		Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)		
Cobbles <10 cm (%)	7 %		<1 %					
Boulders >10 cm (%)	4 %		Video file id:	SPA_088		Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Overall coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:		Overall coverage	Depth	Temperature	Remarks
Mud/silt (%)					Overall coverage			
Sand (%)			Overall coverage					
Gravel (%)			Overall coverage					
Cobbles <10 cm (%)					Others	QA: PEPE, invertebrates changed. Liv		
Boulders >10 cm (%)			Video file id:					

Kunde:	Energinet	Date:	2022-03-09	Area:	Baltic Sea	Planned target			
Project:	ENOE	Wind speed (m/s)	1 m/s	Station:	SPA_089	Northing	Easting	Depth	
Vessel	Skoven	Wave height (m)	0,1	Note:	-	54°91,608	14°48,298	23 m	
ROV	Yes	Infauna	No	Chemistry	No	Expected substrate	Sedimentary rock		
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance	
ROV	18:58	21,80	54°91,595	14°48,297	SNIE	CELA	PEPE	Dist. 14 m	
CTDO								Dist. 6247508 m	
Haps Infauna								Dist. 6247508 m	
Haps Chem								Dist. 6247508 m	
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition			
Sediment type:	3	Sediment description:	Flora:	Hildenbrandia (<1 %). Substrate specific: <1 %	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)	
Clay (%)	0%	Some limestone, sand, cobbles, boulders, medium/coarse sand, some wave ripples.	Invertebrates:	Dom by attached blue mussels (10-20 %), barnacles (1-3 %); additionally calcareous tube worms (Serpulidae) (<1 %)	Overall coverage	Smell (Infauna)	Visible species (Infauna)		
Mud/silt (%)	0%				10-20 %				
Sand (%)	55 %								
Gravel (%)	20 %								
Cobbles <10 cm (%)	10 %			Fish:	None	Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)
Boulders >10 cm (%)	15 %					0 %			
			Video file id:	SPA_089		Smell (Chem)	Visible species (Chem)		
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)			
Sediment type:		Sediment description:	Flora:		Overall coverage	Oxygen %	Oxygen mg/l	Salinity	
Clay (%)			Invertebrates:		Overall coverage	Depth	Temperature	Remarks	
Mud/silt (%)									
Sand (%)									
Gravel (%)			Fish:		Overall coverage	Others	QA: PEPE, Flora and invertebrate changed. Liv		
Cobbles <10 cm (%)									
Boulders >10 cm (%)			Video file id:						

Kunde:	Energinet	Date:	2022-03-09	Area:	Baltic Sea	Planned target			
Project:	ENOE	Wind speed (m/s)	1 m/s	Station:	SPA_090	Northing	Easting	Depth	
Vessel	Skoven	Wave height (m)	0,1	Note:	-	54°91,020	14°49,506	21 m	
ROV	Yes	Infauna	No	Chemistry	No	Expected substrate	Til/Diamicton		
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance	
ROV	19:11	20,20	54°91,012	14°49,511	SNIE	SELA	PEPE	Dist. 10 m	
CTDO								Dist. 6247118 m	
Haps Infauna								Dist. 6247118 m	
Haps Chem								Dist. 6247118 m	
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition			
Sediment type:	4	Sediment description:	Rocky bottom with boulders, cobbles, sand and some gravel, some limestone.	Flora:	Hildenbrandia (1 %), brown crust (1 %), coccotylus (<1 %). Substrate specific: 1 %	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	1 %			Invertebrates:	Dom by attached blue mussels (20-60 %), barnacles (1-2 %), calcareous tube worms (<1 %).	Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Mud/silt (%)	0%			Fish:	None	Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)
Sand (%)	44 %			Video file id:	SPA_090	Smell (Chem)	Visible species (Chem)		
Gravel (%)	5 %			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Cobbles <10 cm (%)	20 %			Flora:		Overall coverage	Oxygen %	Oxygen mg/l	Salinity
Boulders >10 cm (%)	30 %			Invertebrates:		Overall coverage	Depth	Temperature	Remarks
ROV Secondary visual verification (sediment)			Fish:		Overall coverage	Others	QA: PEPE, flora and invertebrates changed. Liv		
Sediment type:		Sediment description:	Video file id:						
Clay (%)									
Mud/silt (%)									
Sand (%)									
Gravel (%)									
Cobbles <10 cm (%)									
Boulders >10 cm (%)									

Kunde:	Energinet	Date:	2022-03-09	Area:	Baltic Sea	Planned target			
Project:	ENOE	Wind speed (m/s)	2 m/s	Station:	SPA_091	Northing	Easting	Depth	
Vessel	Skoven	Wave height (m)	0,1	Note:	-	54°91,024	14°51,440	20 m	
ROV	Yes	Infauna	No	Chemistry	No	Expected substrate	Sedimentary rock		
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance	
ROV	19:28	19,20	54°91,024	14°51,440	SNIE	CELA	PEPE	Dist. 1 m	
CTDO								Dist. 6247494 m	
Haps Infauna								Dist. 6247494 m	
Haps Chem								Dist. 6247494 m	
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition			
Sediment type:	4	Sediment description:	Flora:	Hildenbrandia (1 %) and brown crust (1 %). Substrate specific: 1 %	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)	
Clay (%)	0%	Mixed bottom, large boulders, sand, cobbles, limestone, gravel.			Invertebrates:	Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Mud/silt (%)	0%							Overall coverage	Photo id (Chem)
Sand (%)	30 %				Overall coverage	Smell (Chem)	Visible species (Chem)		
Gravel (%)	20 %						Overall coverage	Smell (Chem)	Visible species (Chem)
Cobbles <10 cm (%)	20 %				Overall coverage	Smell (Chem)			Visible species (Chem)
Boulders >10 cm (%)	30 %						Video file id:	SPA_091	Smell (Chem)
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)			
Sediment type:		Sediment description:	Flora:		Overall coverage	Oxygen %	Oxygen mg/l	Salinity	
Clay (%)					Invertebrates:	Overall coverage	Depth	Temperature	Remarks
Mud/silt (%)									
Sand (%)					Overall coverage	Others	QA: PEPE, Flora and invertebrate changed. Liv		
Gravel (%)							Overall coverage	Others	QA: PEPE, Flora and invertebrate changed. Liv
Cobbles <10 cm (%)					Overall coverage	Others			QA: PEPE, Flora and invertebrate changed. Liv
Boulders >10 cm (%)							Video file id:		QA: PEPE, Flora and invertebrate changed. Liv

Kunde:	Energinet	Date:	2022-03-09	Area:	Baltic Sea	Planned target			
Project:	ENOE	Wind speed (m/s)	2 m/s	Station:	SPA_092	Northing	Easting	Depth	
Vessel	Skoven	Wave height (m)	0,1	Note:	-	54°90,408	14°52,665	21 m	
ROV	Yes	Infauna	No	Chemistry	No	Expected substrate	Quaternary clay and silt		
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance	
ROV	19:45	20,40	54°90,417	14°52,657	SNIE	CELA	PEPE	Dist. 11 m	
CTDO								Dist. 6247078 m	
Haps Infauna								Dist. 6247078 m	
Haps Chem								Dist. 6247078 m	
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition			
Sediment type:	2	Sediment description:	Mixed bottom of sand, gravel, some small rocks, distinct ripples.	Flora:	Brown crust (<1 %), hildenbrandia (<1 %). Substrate specific: 1 %	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	1 %			Invertebrates:	Dom by attached blue mussels (5-15 %), barnacles (<1-1 %); additionally calcareous tube worms (<1 %), bryozoans (<1 %).	Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Mud/silt (%)	0%			Fish:	None	Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)
Sand (%)	69 %			Video file id:	SPA_092	Smell (Chem)	Visible species (Chem)		
Gravel (%)	10 %			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Cobbles <10 cm (%)	15 %			Flora:		Overall coverage	Oxygen %	Oxygen mg/l	Salinity
Boulders >10 cm (%)	5 %			Invertebrates:		Overall coverage	Depth	Temperature	Remarks
ROV Secondary visual verification (sediment)			Fish:		Overall coverage	Others	QA: PEPE, invertebrates changed. Liv		
Sediment type:		Sediment description:	Video file id:						
Clay (%)									
Mud/silt (%)									
Sand (%)									
Gravel (%)									
Cobbles <10 cm (%)									
Boulders >10 cm (%)									

Kunde:	Energinet	Date:	2022-03-09	Area:	Baltic Sea	Planned target			
Project:	ENOE	Wind speed (m/s)	4 m/s	Station:	SPA_093	Northing	Easting	Depth	
Vessel	Skoven	Wave height (m)	0,1	Note:	-	54°90,434	14°54,175	18 m	
ROV	Yes	Infauna	No	Chemistry	No	Expected substrate	Quaternary clay and silt		
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance	
ROV	19:57	18,10	54°90,417	14°54,189	SNIE	MILS	CELA	Dist. 20 m	
CTDO								Dist. 6247396 m	
Haps Infauna								Dist. 6247396 m	
Haps Chem								Dist. 6247396 m	
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition			
Sediment type:	2	Sediment description:	Flora:	Brown crust (1 %), red bush (<1 %). Substrate specific: 1 %	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)	
Clay (%)	0%	Sand, gravel, boulders. (30 m southeast of the point there is a type 4 - nearly 100% boulders. See end of video)	Invertebrates:	Dom by attached blue mussels (20-40 %), barnacles (1-2 %); additionally mysidae shrimps and lionsmane jellyfish.	<1 %				
Mud/silt (%)	0%				Overall coverage	Smell (Infauna)	Visible species (Infauna)		
Sand (%)	43 %		Fish:	Flounder track	20-40 %				
Gravel (%)	30 %				Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)	
Cobbles <10 cm (%)	20 %				0 %				
Boulders >10 cm (%)	7 %		Video file id:	SPA_93			Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)			
Sediment type:		Sediment description:	Flora:		Overall coverage	Oxygen %	Oxygen mg/l	Salinity	
Clay (%)			Invertebrates:						
Mud/silt (%)					Overall coverage	Depth	Temperature	Remarks	
Sand (%)			Fish:						
Gravel (%)					Overall coverage	Others	QA: PEPE, Flora and invertebrate changed. Liv		
Cobbles <10 cm (%)									
Boulders >10 cm (%)			Video file id:						

Kunde:	Energinet	Date:	2022-03-09	Area:	Baltic Sea	Planned target			
Project:	ENOE	Wind speed (m/s)	2 m/s	Station:	SPA_094	Northing	Easting	Depth	
Vessel	Skoven	Wave height (m)	0,2	Note:	Three attempts at Haps-sample. Sample not quantitative	54°88,937	14°55,210	20 m	
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Muddy sand		
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance	
ROV	12:32	20,90	54°88,932	14°55,222	MILS	SNIE	PEPE	Dist. 10 m	
CTDO								Dist. 6246010 m	
Haps Infauna	12:39	20,90	54°88,934	14°55,222	MILS	SNIE	PEPE	Dist. 9 m	
Haps Chem								Dist. 6246010 m	
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition			
Sediment type:	2	Sediment description:	Sandy bottom with wave ripples, some cobbles and boulders.	Flora:	Hildenbrandia (<1 %). Substrate specific: <1 %	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	5 %			Invertebrates:	Dom by attached blue mussels (6-15 %), barnacles(<1-1 %), calcareous tube worms (<1 %), some white shell fragments (<1 %).	<1 %	INF_SPA_094	Sand, gravel, and some clay lumps, shell fragment.	Sandy
Mud/silt (%)	0%			Fish:	None	Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	70 %			Video file id:	SPA_094	6-15 %	None	Blue mussels	
Gravel (%)	10 %					Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)
Cobbles <10 cm (%)	10 %					0 %			
Boulders >10 cm (%)	5 %						Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)			
Sediment type:		Sediment description:		Flora:		Overall coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)				Invertebrates:					
Mud/silt (%)				Fish:			Depth	Temperature	Remarks
Sand (%)				Video file id:					
Gravel (%)							Others	QA: PEPE, Flora and invertebrates changed. Liv	
Cobbles <10 cm (%)									
Boulders >10 cm (%)									

Kunde:	Energinet	Date:	2022-03-09	Area:	Baltic Sea	Planned target			
Project:	ENOE	Wind speed (m/s)	2 m/s	Station:	SPA_095	Northing	Easting	Depth	
Vessel	Skoven	Wave height (m)	0,2	Note:	Small HAPS sample due to sediment type	54°89,383	14°52,815	19 m	
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Muddy sand		
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance	
ROV	12:53	20,20	54°89,372	14°52,812	SNIE	MILS	PEPE	Dist. 12 m	
CTDO								Dist. 6246019 m	
Haps Infauna	12:58	20,20	54°89,373	14°52,829	SNIE	MILS	PEPE	Dist. 14 m	
Haps Chem								Dist. 6246019 m	
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition			
Sediment type:	1b	Sediment description:	Sandy bottom with some boulders and cobbles	Flora:	Hildenbrandia (1%). Substrate specific: <1 %	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%			Invertebrates:	Dom by attached blue mussels (5-10 %), barnacles (1-2 %), tracks from polychaetes or mussels in the sediment (1-5 %); additionally jellyfish.	<1 %	INF_SPA_095	Sand, gravel, shell fragments,	Sandy
Mud/silt (%)	0%			Fish:	None	Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	93 %					5-10 %	No smell	Polychaete	
Gravel (%)	5 %					Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)
Cobbles <10 cm (%)	2 %					0 %			
Boulders >10 cm (%)	<1%				Video file id:	SPA_095	Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)			
Sediment type:		Sediment description:		Flora:		Overall coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)				Invertebrates:					
Mud/silt (%)				Fish:			Depth	Temperature	Remarks
Sand (%)									
Gravel (%)									
Cobbles <10 cm (%)							Others	QA: PEPE, Flora and invertebrate changed. Liv	
Boulders >10 cm (%)					Video file id:				

Kunde:	Energinet	Date:	2022-03-09	Area:	Baltic Sea	Planned target			
Project:	ENOE	Wind speed (m/s)	2 m/s	Station:	SPA_096	Northing	Easting	Depth	
Vessel	Skoven	Wave height (m)	0,2	Note:	-	54°89,687	14°51,604	19 m	
ROV	Yes	Infauna	No	Chemistry	No	Expected substrate	Sedimentary rock		
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance	
ROV	13:11	19,70	54°89,679	14°51,602	SNIE	MILS	PEPE	Dist. 9 m	
CTDO								Dist. 6246109 m	
Haps Infauna								Dist. 6246109 m	
Haps Chem								Dist. 6246109 m	
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition			
Sediment type:	3	Sediment description:	Sandy bottom, large boulders, some cobbles, some clay	Flora:	Brown crust. Substrate specific: <1 %	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	10 %			Invertebrates:	Dom by attached blue mussels 10-25 % (90 % coverage on hard substrate), barnacles (1-2 %); additionally some hydrozoans (<1 %), bryozoans (<1 %).	<1 %			
Mud/silt (%)	0%			Fish:	None.	Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	65 %					10-25 %			
Gravel (%)	10 %					Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)
Cobbles <10 cm (%)	5 %					0 %			
Boulders >10 cm (%)	10 %				Video file id:	SPA_096	Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)			
Sediment type:		Sediment description:		Flora:		Overall coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)				Invertebrates:					
Mud/silt (%)				Fish:		Overall coverage	Depth	Temperature	Remarks
Sand (%)									
Gravel (%)									
Cobbles <10 cm (%)							Others	QA: PEPE, invertebrates changed. Liv	
Boulders >10 cm (%)					Video file id:				

Kunde:	Energinet	Date:	2022-03-09	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	1 m/s	Station:	SPA_097	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	0,2	Note:	-	54°91,601	14°40,635	25 m
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Sand	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	17:32	25,70	54°91,587	14°40,670	MILS	SNIE	SEWE	Dist. 27 m
CTDO								Dist. 6246031 m
Haps Infauna	17:39	25,70	54°91,589	14°40,647	MILS	SNIE	SEWE	Dist. 16 m
Haps Chem								Dist. 6246031 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	1b	Sediment description:	Flora:	None	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%	Clean sandy bottom. Irregular ripples. Grain size seems to be homogenous. Fine to medium grained sand.	Invertebrates:	Dom by tubes from Pygospio elegans (1-3 %), and attached blue mussels (1 %) with barnacles (<1 %).	0 %	INF_SPA_097	Sandy	Sand colour
Mud/silt (%)	0%			Overall coverage	Smell (Infauna)	Visible species (Infauna)		
Sand (%)	100 %		1-3 %	None	Transparent worms			
Gravel (%)	0%		Fish:	Sand gobies (<1 %)	Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)
Cobbles <10 cm (%)	<1 %				<1 %			
Boulders >10 cm (%)	<1 %		Video file id:	SPA_097			Smell (Chem)	Visible species (Chem)
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Overall coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:					
Mud/silt (%)				Overall coverage	Depth	Temperature	Remarks	
Sand (%)			1-3 %					
Gravel (%)			Fish:		Overall coverage	Others	QA: PEPE, Flora and invertebrate changed. Liv	
Cobbles <10 cm (%)								
Boulders >10 cm (%)			Video file id:					

Kunde:	Energinet	Date:	2022-03-09	Area:	Baltic Sea	Planned target			
Project:	ENOE	Wind speed (m/s)	2 m/s	Station:	SPA_098	Northing	Easting	Depth	
Vessel	Skoven	Wave height (m)	0,2	Note:	-	54°90,003	14°42,543	23 m	
ROV	Yes	Infauna	No	Chemistry	No	Expected substrate	Till/Diamicton		
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance	
ROV	18:06	21,90	54°90,003	14°42,541	SNIE	SEWE	PEPE	Dist. 1 m	
CTDO								Dist. 6244701 m	
Haps Infauna								Dist. 6244701 m	
Haps Chem								Dist. 6244701 m	
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition			
Sediment type:	3	Sediment description:	Sandy bottom, boulders, cobbles, gravel, and a bit clay. Some weak wave ripples.	Flora:	Brown crust (<1 %), hildenbrandia (<1 %). Substrate specific coverage: 1 %	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	1 %			Invertebrates:	Dom by attached blue mussels (25 %), barnacles(1 %), some white shells fragments (<1 %), bryozoans (<1 %).	Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Mud/silt (%)	0%			Fish:	None	Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)
Sand (%)	64 %			Video file id:	SPA_098	Smell (Chem)	Visible species (Chem)		
Gravel (%)	5 %			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Cobbles <10 cm (%)	15 %			Flora:		Overall coverage	Oxygen %	Oxygen mg/l	Salinity
Boulders >10 cm (%)	15 %			Invertebrates:		Overall coverage	Depth	Temperature	Remarks
ROV Secondary visual verification (sediment)			Fish:		Overall coverage	Others	QA: PEPE, flora and invertebrates changed. Liv		
Sediment type:		Sediment description:	Video file id:						
Clay (%)									
Mud/silt (%)									
Sand (%)									
Gravel (%)									
Cobbles <10 cm (%)									
Boulders >10 cm (%)									

Kunde:	Energinet	Date:	2022-03-09	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	1.5	Station:	SPA_099	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	0,2	Note:	-	54°87,985	14°49,216	19 m
ROV	Yes	Infauna	No	Chemistry	No	Expected substrate	Till/Diamicton	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	13:29	18,50	54°87,976	14°49,235	SNIE	MILS	PEPE	Dist. 16 m
CTDO								Dist. 6243843 m
Haps Infauna								Dist. 6243843 m
Haps Chem								Dist. 6243843 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	3	Sediment description:	Flora:	Brown crust (1 %). Substrate specific coverage: 1 %	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%	sandy bottom, good visibility, some boulders, cobbles and gravel	Invertebrates:	Dom by attached blue mussels(10-25 %), barnacles(1-2 %); additionally calcareous tube worms (Serpulidae) (<1 %), and bryozoans (<1 %)	1 %			
Mud/silt (%)	0%				Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	75 %		10-15 %					
Gravel (%)	5 %		Fish:	Shorthorn sculpin (<1 %)	Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)
Cobbles <10 cm (%)	10 %				<1 %			
Boulders >10 cm (%)	10 %		Video file id:	SPA_099			Smell (Chem)	Visible species (Chem)
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Overall coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:					
Mud/silt (%)					Overall coverage	Depth	Temperature	Remarks
Sand (%)								
Gravel (%)			Fish:		Overall coverage	Others	QA: PEPE, Flora and invertebrate changed. Liv	
Cobbles <10 cm (%)								
Boulders >10 cm (%)			Video file id:					

Kunde:	Energinet	Date:	2022-03-09	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	2 m/s	Station:	SPA_100	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	0,2	Note:	-	54°87,846	14°53,392	17 m
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Muddy sand	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	12:12	18,50	54°87,845	14°53,386	MILS	SNIE	PEPE	Dist. 4 m
CTDO								Dist. 6244502 m
Haps Infauna	12:18	18,50	54°87,841	14°53,387	MILS	SNIE	PEPE	Dist. 6 m
Haps Chem								Dist. 6244502 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	1b	Sediment description:	Flora:	None	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%	Sandy bottom, fine, medium, coarse sand, gravel, mixed ripples.	Invertebrates:	Dom by attached blue mussels (4-10 %), barnacles (<1-1 %), hydrozoans (<1 %)	0 %	INF_SPA_100	Sand some gravel, shell fragments	Sandy
Mud/silt (%)	0%				Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	88 %		4-10 %	None	Polychaetes			
Gravel (%)	7 %		Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)		
Cobbles <10 cm (%)	5 %		0 %					
Boulders >10 cm (%)	<1%		Video file id:	SPA_100		Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Overall coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:					
Mud/silt (%)					Overall coverage	Depth	Temperature	Remarks
Sand (%)								
Gravel (%)			Overall coverage	Others	QA: PEPE, invertebrates changed. Liv			
Cobbles <10 cm (%)								
Boulders >10 cm (%)			Video file id:					

Kunde:	Energinet	Date:	2022-03-09	Area:	Baltic Sea	Planned target			
Project:	ENOE	Wind speed (m/s)	-	Station:	SPA_101	Northing	Easting	Depth	
Vessel	Skoven	Wave height (m)	0,2	Note:	Small sample due to sediment type	54°87,119	14°53,359	16 m	
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Gravel and coarse sand		
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance	
ROV	11:33	17,50	54°87,109	14°53,367	SNIE	CELA	PEPE	Dist. 12 m	
CTDO								Dist. 6243725 m	
Haps Infauna	11:37	17,50	54°87,111	14°53,393	SNIE	CELA	PEPE	Dist. 24 m	
Haps Chem								Dist. 6243725 m	
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition			
Sediment type:	2	Sediment description:	Mixed bottom, sand, gravel, cobbles and few boulders.	Flora:	Hildenbrandia (1 %). Substrate specific coverage: 1 %	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%			Invertebrates:	Dom by attached blue mussels (10-25 % barnacles (1 %); additionally calcareous tube worms (Serpulidae) (<1%))	1 %	INF_SPA_101	Sand medium grain size, shell fragment	Sandy
Mud/silt (%)	0%			Fish:	None	Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	83 %					10-25 %	None	Blue mussels, some white bivalves	
Gravel (%)	10 %					Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)
Cobbles <10 cm (%)	5 %					0 %			
Boulders >10 cm (%)	2 %				Video file id:	SPA_101	Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)			
Sediment type:		Sediment description:		Flora:		Overall coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)				Invertebrates:					
Mud/silt (%)				Fish:			Depth	Temperature	Remarks
Sand (%)									
Gravel (%)									
Cobbles <10 cm (%)							Others	QA: PEPE, Flora and invertebrate changed. Liv	
Boulders >10 cm (%)					Video file id:				

Kunde:	Energinet	Date:	2022-03-09	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	-	Station:	SPA_102	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	2,0 m	Note:	-	54°87,173	14°55,669	17 m
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Gravel and coarse sand	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	11:10	19,60	54°87,178	14°55,644	SNIE	CELA	PEPE	Dist. 17 m
CTDO								Dist. 6244229 m
Haps Infauna	11:18	19,60	54°87,185	14°55,633	SNIE	CELA	PEPE	Dist. 27 m
Haps Chem								Dist. 6244229 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	1b	Sediment description:	Flora:	None	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%	Sandy bottom, some gravel, moderate ripples.	Invertebrates:	Dom by attached blue mussels (5-7 %), barnacles (<1 %), white shell fragments from e.g. myidae (<1 %)	0 %	INF_SPA_102	Coarse sand, gravel, shell fragments, some cobbles	Gravel colour
Mud/silt (%)	0%				Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	95 %		5-7 %	None	Blue mussels, polychaete			
Gravel (%)	5 %		Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)		
Cobbles <10 cm (%)	0%		0 %	Fish:	None			
Boulders >10 cm (%)	0%		Video file id:	SPA_102		Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Overall coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:					
Mud/silt (%)					Overall coverage	Depth	Temperature	Remarks
Sand (%)								
Gravel (%)			Overall coverage	Others	QA: PEPE, invertebrates changed. Liv			
Cobbles <10 cm (%)								
Boulders >10 cm (%)			Video file id:					

Kunde:	Energinet	Date:	2022-03-09	Area:	Baltic Sea	Planned target				
Project:	ENOE	Wind speed (m/s)	3 m/s	Station:	SPA_103	Northing	Easting	Depth		
Vessel	Skoven	Wave height (m)	0,2	Note:	-	54°85,731	14°56,703	17 m		
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Gravel and coarse sand			
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance		
ROV	10:39	16,50	54°85,742	14°56,714	SNIE	CELA	PEPE	Dist. 14 m		
CTDO								Dist. 6242902 m		
Haps Infauna	10:35	16,50	54°85,725	14°56,714	SNIE	CELA	PEPE	Dist. 10 m		
Haps Chem								Dist. 6242902 m		
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition				
Sediment type:	2	Sediment description:	sand bottom (coarse), gravel, cobbles, some boulders	Flora:	Hildenbrandia (<1 %), Furcellaria (<1 %). Substrate specific coverage: <1 %	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)	
Clay (%)	0%					<1 %	INF_SPA_103	Medium/coarse sand, cobbles	Gravel color	
Mud/silt (%)	0%				Invertebrates:	Dom by attached blue mussels (1-5 %), barnacles (1%), bryozoans (<1 %), hydrozoans (<1 %), calcareous tube worms (Serpulidae) (<1 %)	Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	77 %					<1-5 %	None	Baltic amphipods, two polychaetes		
Gravel (%)	20 %				Fish:	None	Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)
Cobbles <10 cm (%)	1 %					0 %				
Boulders >10 cm (%)	2 %				Video file id:	SPA_103	Smell (Chem)	Visible species (Chem)		
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)				
Sediment type:		Sediment description:		Flora:		Overall coverage	Oxygen %	Oxygen mg/l	Salinity	
Clay (%)										
Mud/silt (%)					Invertebrates:		Overall coverage	Depth	Temperature	Remarks
Sand (%)										
Gravel (%)					Fish:		Overall coverage	Others	QA: PEPE, Flora and invertebrate changed. Liv	
Cobbles <10 cm (%)										
Boulders >10 cm (%)					Video file id:					

Kunde:	Energinet	Date:	2022-03-09	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	4 m/s	Station:	SPA_104	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	0,2	Note:	Great visibility	54°84,542	14°60,717	15 m
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Sand	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	08:50	16,30	54°84,527	14°60,698	MILS	SNIE	CELA	Dist. 21 m
CTDO								Dist. 6242421 m
Haps Infauna	08:55	16,30	54°84,550	14°60,671	MILS	SNIE	CELA	Dist. 31 m
Haps Chem								Dist. 6242421 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	1b	Sediment description:	Flora:	Drifting Coccotylus (<1 %) and Furcellaria (<1 %). Substrate specific coverage: 0 %	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%	Homogenous sandy bottom with wave ripples, colouring of sand probably from diatoms.	Invertebrates:	Dom by few mobile blue mussels (<1 %) with barnacles attached (<1 %), few shell fragments, in general few tracks from faunal activity, but some holes made by polychaetes or bivalves (<1 %)	0 %	INF_SPA_104	Sand, a little gravel, shell fragments	Sand
Mud/silt (%)	0%				Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	99 %		<1 %	No smell	One polychaete			
Gravel (%)	1 %		Fish:	None	Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)
Cobbles <10 cm (%)	0%				0 %			
Boulders >10 cm (%)	0%		Video file id:	SPA_104			Smell (Chem)	Visible species (Chem)
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Overall coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:					
Mud/silt (%)					Overall coverage	Depth	Temperature	Remarks
Sand (%)								
Gravel (%)			Fish:		Overall coverage	Others	QA: PEPE, Flora and invertebrates changed. Liv	
Cobbles <10 cm (%)								
Boulders >10 cm (%)			Video file id:					

Kunde:	Energinet	Date:	2022-03-09	Area:	Baltic Sea	Planned target			
Project:	ENOE	Wind speed (m/s)	4 m/s	Station:	SPA_105	Northing	Easting	Depth	
Vessel	Skoven	Wave height (m)	0,2	Note:	-	54°84,185	14°64,733	15 m	
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Sand		
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance	
ROV	09:10	15,80	54°84,168	14°64,705	MILS	SNIE	CELA	Dist. 26 m	
CTDO								Dist. 6242825 m	
Haps Infauna	09:16	15,80	54°84,190	14°64,737	MILS	SNIE	CELA	Dist. 6 m	
Haps Chem								Dist. 6242825 m	
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition			
Sediment type:	1b	Sediment description:	Flora:	None	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)	
Clay (%)	0%	Fine sand bottom with distinct ripples and shell fragments	Invertebrates:	Dom by mobile blue mussels (<1 %), barnacles (<1 %) and shell fragments (<1 %).	0 %	INF_SPA_105	Sand, gravel, empty white bivalve shells	Sand	
Mud/silt (%)	0%				Overall coverage	Smell (Infauna)	Visible species (Infauna)		
Sand (%)	100 %		Overall coverage	None	Amphipods				
Gravel (%)	0%		Fish:	European flounder (<1 %)	Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)	
Cobbles <10 cm (%)	0%				<1 %				
Boulders >10 cm (%)	0%		Video file id:	SPA_105			Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)			
Sediment type:		Sediment description:	Flora:		Overall coverage	Oxygen %	Oxygen mg/l	Salinity	
Clay (%)			Invertebrates:		Overall coverage	Depth	Temperature	Remarks	
Mud/silt (%)					Overall coverage				
Sand (%)			Fish:		Overall coverage	Others	QA: PEPE, Flora and invertebrate changed. Liv		
Gravel (%)									
Cobbles <10 cm (%)			Video file id:						
Boulders >10 cm (%)									

Kunde:	Energinet	Date:	2022-03-09	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	5 m/s	Station:	SPA_106	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	0,2	Note:	-	54°83,867	14°59,579	16 m
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Gravel and coarse sand	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	08:31	16,20	54°83,843	14°59,572	MILS	SNIE	CELA	Dist. 27 m
CTDO								Dist. 6241484 m
Haps Infauna	08:38	16.2	54°83,852	14°59,566	MILS	SNIE	CELA	Dist. 18 m
Haps Chem								Dist. 6241484 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	1b	Sediment description:	Flora:	Brown diatom patches	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%	Fine-grained sandy bottom, few boulders with distinct wave ripples.	Invertebrates:	Dom by few mobile clusters of blue mussels (1 %), hydrozoans (<1 %), barnacles (<1 %), few tracks from animal activity and some white shell fragments.	0 %	INF_SPA_106	Sand, a little gravel and a few small rocks, shell fragments	Sand
Mud/silt (%)	0%		Fish:	Sand goby (<1 %)	Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	99 %				1 %	None	Polychaetes, amphipods	
Gravel (%)	1 %				Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)
Cobbles <10 cm (%)	0%				<1 %			
Boulders >10 cm (%)	<1 %				Video file id:	SPA_106	Smell (Chem)	Visible species (Chem)
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Overall coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:					
Mud/silt (%)					Overall coverage	Depth	Temperature	Remarks
Sand (%)								
Gravel (%)			Fish:		Overall coverage	Others	QA: PEPE, flora and invertebrates changed. Liv	
Cobbles <10 cm (%)								
Boulders >10 cm (%)					Video file id:			

Kunde:	Energinet	Date:	2022-03-09	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	4 m/s	Station:	SPA_107	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	0,2	Note:	-	54°84,286	14°56,835	16 m
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Gravel and coarse sand	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	08:14	16,30	54°84,266	14°56,841	MILS	SNIE	CELA	Dist. 23 m
CTDO								Dist. 6241396 m
Haps Infauna	08:17	16,30	54°84,261	14°56,838	MILS	SNIE	CELA	#REFERENCE!
Haps Chem								Dist. 6241396 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	1b	Sediment description:	Flora:	Hildenbrandia. Substrate specific coverage: <1 %	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%	Fine to medium grained sandy bottom with scattered boulders, sporadic wave ripples, very good visibility	Invertebrates:	Dom by attached blue mussels (1-5%), bryozoans (<1%), barnacles(<1%), few holes and tracks from bivalves or polychaetes in the sediment (1-3%).	<1 %	INF_SPA_107	Sand, gravel, small rocks, fine shell fragments	Sand
Mud/silt (%)	0%				Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	96 %		1-5 %	None	One blue mussel, one amphipod			
Gravel (%)	0%		Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)		
Cobbles <10 cm (%)	1 %		0 %					
Boulders >10 cm (%)	3 %		Video file id:	SPA_107		Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Overall coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:					
Mud/silt (%)					Overall coverage	Depth	Temperature	Remarks
Sand (%)								
Gravel (%)			Overall coverage	Others	QA: PEPE, Flora and invertebrate changed. Liv			
Cobbles <10 cm (%)								
Boulders >10 cm (%)			Video file id:					

Kunde:	Energinet	Date:	2022-03-09	Area:	Baltic Sea	Planned target			
Project:	ENOE	Wind speed (m/s)	0.3	Station:	SPA_108	Northing	Easting	Depth	
Vessel	Skoven	Wave height (m)	2,0 m	Note:	-	54°85,311	14°53,917	15 m	
ROV	Yes	Infauna	No	Chemistry	No	Expected substrate	Till/Diamicton		
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance	
ROV	10:50	14,50	54°85,311	14°53,917	SNIE	CELA	PEPE	Dist. 1 m	
CTDO								Dist. 6241916 m	
Haps Infauna								Dist. 6241916 m	
Haps Chem								Dist. 6241916 m	
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition			
Sediment type:	4	Sediment description:	Flora:	Red bushes (<1 %), brown crust (<1 %). Substrate specific coverage: <1 %	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)	
Clay (%)	0%	Coarse sand bottom, large boulders and cobbles, some gravel, clear wave ripples	Invertebrates:	Rocks dom by attached blue mussels (30-60 %) (85 % coverage on rocks) and banacles (1-4 %), calcareuos tube worms (Serpulidae) (<1 %).	<1 %				
Mud/silt (%)	0%			Overall coverage	Smell (Infauna)	Visible species (Infauna)			
Sand (%)	30 %		Overall coverage	30-60 %					
Gravel (%)	10 %		Fish:	None	Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)	
Cobbles <10 cm (%)	30 %				0 %				
Boulders >10 cm (%)	30 %		Video file id:	SPA_108			Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)			
Sediment type:		Sediment description:	Flora:		Overall coverage	Oxygen %	Oxygen mg/l	Salinity	
Clay (%)			Invertebrates:						
Mud/silt (%)				Overall coverage	Depth	Temperature	Remarks		
Sand (%)			Fish:		Overall coverage	Others	QA: PEPE, Flora and Invertebrates changed. Liv		
Gravel (%)									
Cobbles <10 cm (%)			Video file id:						
Boulders >10 cm (%)									

Kunde:	Energinet	Date:	2022-03-09	Area:	Baltic Sea	Planned target			
Project:	ENOE	Wind speed (m/s)	2 m/s	Station:	SPA_109	Northing	Easting	Depth	
Vessel	Skoven	Wave height (m)	0,2	Note:	-	54°85,867	14°46,316	17 m	
ROV	Yes	Infauna	No	Chemistry	No	Expected substrate	Til/Diamicton		
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance	
ROV	13:48	18,10	54°85,857	14°46,316	SNIE	MILS	PEPE	Dist. 11 m	
CTDO								Dist. 6241039 m	
Haps Infauna								Dist. 6241039 m	
Haps Chem								Dist. 6241039 m	
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition			
Sediment type:	3	Sediment description:	Flora:	Hildenbrandia (1 %), Coccotylus (<1 %), drifting Furcellaria lumbricalis (<1 %). Substrate specific coverage: 1 %	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)	
Clay (%)	0%	Sandy bottom, medium to coarse sand, boulder, cobbles, gravel, wave ripples in sand	Invertebrates:	Dom by attached blue mussels (20-30 %), barnacles (1-3 %), hydrozoan (<1 %); additionally calcareous tube worms (Serpulidae) (<1 %)	<1-1 %				
Mud/silt (%)	0%				Overall coverage	Smell (Infauna)	Visible species (Infauna)		
Sand (%)	55 %		20-30 %						
Gravel (%)	10 %		Overall coverage	Fish:	European flounder (<1 %)	Photo id (Chem)	Composition (Chem)	Colour (Chem)	
Cobbles <10 cm (%)	20 %					<1 %			
Boulders >10 cm (%)	15 %		Video file id:	SPA_109			Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)			
Sediment type:		Sediment description:	Flora:		Overall coverage	Oxygen %	Oxygen mg/l	Salinity	
Clay (%)			Invertebrates:		Overall coverage	Depth	Temperature	Remarks	
Mud/silt (%)					Overall coverage				
Sand (%)			Overall coverage	Fish:		Others	QA: PEPE, invertebrates and flora changed. Liv		
Gravel (%)									
Cobbles <10 cm (%)			Video file id:						
Boulders >10 cm (%)									

Kunde:	Energinet	Date:	2022-03-09	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	1 m/s	Station:	SPA_110	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	0,2	Note:	-	54°87,998	14°43,591	18 m
ROV	Yes	Infauna	No	Chemistry	No	Expected substrate	Til/Diamicton	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	12:28	17,90	54°88,013	14°43,623	MILS	CELA	SEWE	Dist. 27 m
CTDO								Dist. 6242775 m
Haps Infauna								Dist. 6242775 m
Haps Chem								Dist. 6242775 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	3	Sediment description:	Flora:	Hildenbrandia (4 %), coccotylus(<1 %), furcellaria (<1 %). Substrate specific coverage: 4 %	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%	Sandy bottom with gravel, cobbles and boulders	Invertebrates:	Dom by attached blue mussels (15-35 % sessile/attached), barnacles (1-2 %), calcareous tube worms (<1 %), bryozoans (<1 %).	<1-4 %			
Mud/silt (%)	0%			Overall coverage	Smell (Infauna)	Visible species (Infauna)		
Sand (%)	70 %		Overall coverage					
Gravel (%)	5 %		Overall coverage	Fish:	None	Photo id (Chem)	Composition (Chem)	Colour (Chem)
Cobbles <10 cm (%)	10 %		Overall coverage		0 %			
Boulders >10 cm (%)	15 %		Video file id:	SPA_110			Smell (Chem)	Visible species (Chem)
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Overall coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:					
Mud/silt (%)				Overall coverage	Depth	Temperature	Remarks	
Sand (%)			Overall coverage					
Gravel (%)			Overall coverage	Fish:		Others QA: PEPE, invertebrates and flora changed. Liv		
Cobbles <10 cm (%)			Overall coverage					
Boulders >10 cm (%)			Video file id:					

Kunde:	Energinet	Date:	2022-03-09	Area:	Baltic Sea	Planned target			
Project:	ENOE	Wind speed (m/s)	3 m/s	Station:	SPA_111	Northing	Easting	Depth	
Vessel	Skoven	Wave height (m)	0,2	Note:	-	54°88,686	14°36,903	24 m	
ROV	Yes	Infauna	No	Chemistry	No	Expected substrate	Till/Diamicton		
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance	
ROV	15:16	23,10	54°88,702	14°36,900	MILS	CELA	SEWE	Dist. 18 m	
CTDO								Dist. 6242223 m	
Haps Infauna								Dist. 6242223 m	
Haps Chem								Dist. 6242223 m	
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition			
Sediment type:	3	Sediment description:	Flora:	Hildenbrandia (<1 %). Substrate specific coverage: 1 %	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)	
Clay (%)	0%	Sand bottom with boulders and cobbles. Ripples where the sand is. Fine sand.	Invertebrates:	Dom by attached blue mussels (20-40 %), barnacles (1-3 %), holes and tracks on the sediment fra polychaetes or bivalves (1-2 %), hydrozoans (<1%); additionally calcareous tube worms (Serpulidae) (<1%)	<1 %				
Mud/silt (%)	0%				Overall coverage	Smell (Infauna)	Visible species (Infauna)		
Sand (%)	55 %		20-30 %						
Gravel (%)	10 %		Overall coverage	Fish:	None	Photo id (Chem)	Composition (Chem)	Colour (Chem)	
Cobbles <10 cm (%)	20 %					0 %			
Boulders >10 cm (%)	15 %		Video file id:	SPA_111			Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)			
Sediment type:		Sediment description:	Flora:		Overall coverage	Oxygen %	Oxygen mg/l	Salinity	
Clay (%)			Invertebrates:		Overall coverage	Depth	Temperature	Remarks	
Mud/silt (%)					Overall coverage				
Sand (%)			Overall coverage	Fish:		Others	QA: PEPE, Flora and invertebrate changed. Liv		
Gravel (%)									
Cobbles <10 cm (%)			Video file id:						
Boulders >10 cm (%)									

Kunde:	Energinet	Date:	2022-03-09	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	2 m/s	Station:	SPA_112	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	0,2	Note:	Not possible with HAPS here due to sediment type	54°87,196	14°39,516	19 m
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Sand	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	14:52	18,90	54°87,204	14°39,469	MILS	CELA	SEWE	Dist. 31 m
CTDO								Dist. 6241143 m
Haps Infauna								
Haps Chem								Dist. 6241143 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	4	Sediment description:	Flora:	Red algae (Coccolytus) (<1%), red algae (Furcellaria) (<1%), brown crust (1-2%). Substrate specific coverage: 2 %	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%	Sand bottom with boulders and cobbles	Invertebrates:	Rocks dom by attached blue mussels (40-50 %) with barnacles (1-2 %), calcareous tube worms (Serpulidae) (<1 %).	<1-2 %			
Mud/silt (%)	0%			Overall coverage	Smell (Infauna)	Visible species (Infauna)		
Sand (%)	50 %		40-50 %					
Gravel (%)	10 %		Overall coverage	Fish:	None	Photo id (Chem)	Composition (Chem)	Colour (Chem)
Cobbles <10 cm (%)	15 %		0 %					
Boulders >10 cm (%)	25 %		Video file id:	SPA_112			Smell (Chem)	Visible species (Chem)
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Overall coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:					
Mud/silt (%)				Overall coverage	Depth	Temperature	Remarks	
Sand (%)								
Gravel (%)			Overall coverage	Fish:		Others	QA: PEPE, flora and invertebrates changed. Liv	
Cobbles <10 cm (%)								
Boulders >10 cm (%)			Video file id:					

Kunde:	Energinet	Date:	2022-03-09	Area:	Baltic Sea	Planned target				
Project:	ENOE	Wind speed (m/s)	1 m/s	Station:	SPA_113	Northing	Easting	Depth		
Vessel	Skoven	Wave height (m)	0,2	Note:	-	54°85,712	14°41,420	18 m		
ROV	Yes	Infauna	No	Chemistry	No	Expected substrate	Till/Diamicton			
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance		
ROV	14:06	17,90	54°85,703	14°41,413	MILS	CELA	SEWE	Dist. 11 m		
CTDO								Dist. 6239933 m		
Haps Infauna								Dist. 6239933 m		
Haps Chem								Dist. 6239933 m		
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition				
Sediment type:	3	Sediment description:	Flora:	Hildenbrandia (1-2 %), brown crust (<1 %) coccotylus (<1 %), Furcellaria (<1 %, red bushes. Substrate specific coverage: 2 %)	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)		
Clay (%)	0%	Mixed substrate with sand and several boulders and cobbles. Ripples on the sand.		Invertebrates:	Dom by attached blue mussel reef (50-70 %), barnacles (1-10 %)	<1-2 %				
Mud/silt (%)	0%				Overall coverage	Smell (Infauna)	Visible species (Infauna)			
Sand (%)	65 %			Fish:	None	50-60 %				
Gravel (%)	5 %					Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)	
Cobbles <10 cm (%)	10 %					0 %				
Boulders >10 cm (%)	20 %			Video file id:	SPA_113			Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)				
Sediment type:		Sediment description:	Flora:		Overall coverage	Oxygen %	Oxygen mg/l	Salinity		
Clay (%)				Invertebrates:						
Mud/silt (%)					Overall coverage	Depth	Temperature	Remarks		
Sand (%)				Fish:						
Gravel (%)						Overall coverage	Others	QA: PEPE, Flora and invertebrate changed. Liv		
Cobbles <10 cm (%)										
Boulders >10 cm (%)				Video file id:						

Kunde:	Energinet	Date:	2022-03-09	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	6 m/s	Station:	SPA_114	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	0,2	Note:	Small sample due to sediment composition	54°84,048	14°47,994	17 m
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Gravel and coarse sand	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	06:02	18,40	54°84,042	14°48,001	MILS	PEPE	SEWE	Dist. 8 m
CTDO								Dist. 6239434 m
Haps Infauna	06:10	18,40	54°84,042	14°47,990	MILS	PEPE	SEWE	Dist. 8 m
Haps Chem								Dist. 6239434 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	2	Sediment description:	Flora:	Brown crust (<1 %). Substrate specific coverage: <1 %	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%	Sandy bottom and cobbles with ripples and some boulders, some gravel.	Invertebrates:	Dom by attached blue mussels (10 %), barnacles (<1 %), Crangon crangon (two)(<1 %), calcareous tube worms (<1 %), bryozoans, white shellfragment from Myidae (<1 %)	<1 %	INF_SPA_114	Sandy and gravel	Sand colour
Mud/silt (%)	0%				Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	74 %		5-10 %	None	Mussels			
Gravel (%)	20 %		Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)		
Cobbles <10 cm (%)	2 %		0 %					
Boulders >10 cm (%)	4 %		Video file id:	SPA_114		Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Overall coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:					
Mud/silt (%)					Overall coverage	Depth	Temperature	Remarks
Sand (%)								
Gravel (%)			Overall coverage	Others	QA: PEPE, flora and invertebrates changed. Liv			
Cobbles <10 cm (%)								
Boulders >10 cm (%)			Video file id:					

Kunde:	Energinet	Date:	2022-03-09	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	4 m/s	Station:	SPA_115	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	0,2	Note:	-	54°83,533	14°48,901	18 m
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Gravel and coarse sand	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	06:22	19,60	54°83,522	14°48,886	MILS	PEPE	SEWE	Dist. 15 m
CTDO								Dist. 6239062 m
Haps Infauna	06:29	19,60	54°83,532	14°48,890	MILS	PEPE	SEWE	Dist. 7 m
Haps Chem								Dist. 6239062 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	1b	Sediment description:	Flora:	Drifting red algae (Furcellaria) (<1 %). Substrate specific coverage: <1 %	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%	Sandy bottom with clear ripples with some gravel	Invertebrates:	Dom by attached blue mussels (1-10 %) and barnacles (1 %), tracks from infauna activity from polychaetes or bivalves (1-5 %).	<1 %	INF_SPA_115	Gravel and clay and some smaller stones and shell fragments	Gravel colour
Mud/silt (%)	0%				Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	83 %		1-5 %	None	Blue mussels (alive)			
Gravel (%)	15 %		Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)		
Cobbles <10 cm (%)	2 %		<1 %					
Boulders >10 cm (%)	<1 %		Video file id:	SPA_115			Smell (Chem)	Visible species (Chem)
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Overall coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:					
Mud/silt (%)					Overall coverage	Depth	Temperature	Remarks
Sand (%)								
Gravel (%)			Overall coverage	Others	QA: PEPE, Flora and invertebrate changed. Liv			
Cobbles <10 cm (%)								
Boulders >10 cm (%)			Video file id:					

Kunde:	Energinet	Date:	2022-03-09	Area:	Baltic Sea	Planned target			
Project:	ENOE	Wind speed (m/s)	7 m/s	Station:	SPA_116	Northing	Easting	Depth	
Vessel	Skoven	Wave height (m)	0,2	Note:	Small sample due to sediment composition	54°83,746	14°51,324	17 m	
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Gravel and coarse sand		
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance	
ROV	06:40	17,00	54°83,736	14°51,342	MILS	PEPE	SEWE	Dist. 16 m	
CTDO								Dist. 6239756 m	
Haps Infauna	06:49	17,00	54°83,746	14°51,328	MILS	PEPE	SEWE	Dist. 3 m	
Haps Chem								Dist. 6239756 m	
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition			
Sediment type:	2	Sediment description:	Flora:	Red algae (Furcellaria)<1 %, brown crust (<1 %). Substrate specific coverage: <1 %	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)	
Clay (%)	0%	Wide wave ripples with coarse sand, gravel, cobbles and boulders.	Invertebrates:	Rocks dom by attached blue mussels (1-10 %) and barnacles (1 %), calcareous tubes worms(<1 %), hydrozoans (<1 %), bryozoans (<1 %).	<1 %	INF_SPA_116	Sand, gravel, cobbles	Gravel colour	
Mud/silt (%)	0%				Overall coverage	Smell (Infauna)	Visible species (Infauna)		
Sand (%)	47 %		6-10 %	None	Blue mussels				
Gravel (%)	40 %		Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)			
Cobbles <10 cm (%)	8 %		<1 %						
Boulders >10 cm (%)	5 %		Video file id:	SPA_116			Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)			
Sediment type:		Sediment description:	Flora:		Overall coverage	Oxygen %	Oxygen mg/l	Salinity	
Clay (%)			Invertebrates:						
Mud/silt (%)					Overall coverage	Depth	Temperature	Remarks	
Sand (%)									
Gravel (%)			Overall coverage						
Cobbles <10 cm (%)				Others	QA: PEPE, flora and invertebrates changed. Liv				
Boulders >10 cm (%)			Video file id:						

Kunde:	Energinet	Date:	2022-03-09	Area:	Baltic Sea	Planned target			
Project:	ENOE	Wind speed (m/s)	6 m/s	Station:	SPA_117	Northing	Easting	Depth	
Vessel	Skoven	Wave height (m)	0,2	Note:	-	54°83,369	14°52,972	17 m	
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Gravel and coarse sand		
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance	
ROV	06:57	17,70	54°83,358	14°52,979	MILS	PEPE	SEWE	Dist. 13 m	
CTDO								Dist. 6239675 m	
Haps Infauna	07:03	17,70	54°83,364	14°52,965	MILS	PEPE	SEWE	Dist. 7 m	
Haps Chem								Dist. 6239675 m	
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition			
Sediment type:	1b	Sediment description:	Flora:	Diatom patches.	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)	
Clay (%)	0%	Sandy bottom with ripples, diatoms on the sediment	Invertebrates:	Dom by tracks from infaunal activity incl. lugworm piles (1-3 %), white shell fragments (1-2 %), additionally mobile blue mussels (<1 %), barnacles (<1 %).	0 %	INF_SPA_117	Sand bottom, gravel, cobbles, shell fragments	Sand colour	
Mud/silt (%)	0%				Overall coverage	Smell (Infauna)	Visible species (Infauna)		
Sand (%)	100 %		1-3 %	None	Worms				
Gravel (%)	0%		Fish:	Sand goby	Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)	
Cobbles <10 cm (%)	0%				<1 %				
Boulders >10 cm (%)	0%		Video file id:	SPA_117			Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)			
Sediment type:		Sediment description:	Flora:		Overall coverage	Oxygen %	Oxygen mg/l	Salinity	
Clay (%)			Invertebrates:		Overall coverage	Depth	Temperature	Remarks	
Mud/silt (%)					Overall coverage				
Sand (%)			Fish:		Overall coverage	Others	QA: PEPE, Flora and invertebrate changed. Liv		
Gravel (%)					Overall coverage				
Cobbles <10 cm (%)			Video file id:						
Boulders >10 cm (%)									

Kunde:	Energinet	Date:	2022-03-09	Area:	Baltic Sea	Planned target			
Project:	ENOE	Wind speed (m/s)	5 m/s	Station:	SPA_118	Northing	Easting	Depth	
Vessel	Skoven	Wave height (m)	0,3	Note:	-	54°83,041	14°55,832	16 m	
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Gravel and coarse sand		
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance	
ROV	07:15	16,10	54°83,030	14°55,829	MILS	PEPE	SEWE	Dist. 12 m	
CTDO								Dist. 6239881 m	
Haps Infauna	07:22	16,10	54°83,034	14°55,834	MILS	PEPE	SEWE	Dist. 7 m	
Haps Chem								Dist. 6239881 m	
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition			
Sediment type:	2	Sediment description:	Flora:	Drifting furcellaria/coccolytus (<1 %), hildenbrandia (<1 %), brown crust (<1 %), diatom patches (<1 %). Substrate specific coverage: <1 %	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)	
Clay (%)	0%	Sandy bottom with clear ripples, some gravel, some cobbles and boulders, good visibility.	Invertebrates:	Dom by mobile blue mussels (1-5 %) with barnacles (<1%) and attached blue mussels (1-5%) with barnacles (<1%), tracks from infaunal activity from polychaetes or bivalves (1-3%), calcareous tube worms (<1%), bryozoans (<1-1%).	<1 %	INF_SPA_118	Sand and gravel and shell fragments	Sand and gravel colour	
Mud/silt (%)	0%				Overall coverage	Smell (Infauna)	Visible species (Infauna)		
Sand (%)	69 %		1-5 %	None	Blue mussels				
Gravel (%)	25 %		Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)			
Cobbles <10 cm (%)	3 %						0 %		
Boulders >10 cm (%)	3 %		Video file id:	SPA_118			Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)			
Sediment type:		Sediment description:	Flora:		Overall coverage	Oxygen %	Oxygen mg/l	Salinity	
Clay (%)			Invertebrates:		Overall coverage	Depth	Temperature	Remarks	
Mud/silt (%)					Overall coverage				
Sand (%)			Overall coverage	Fish:		Others	QA: PEPE, flora and invertebrates changed. Liv		
Gravel (%)									
Cobbles <10 cm (%)			Video file id:						
Boulders >10 cm (%)									

Kunde:	Energinet	Date:	2022-03-09	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	5 m/s	Station:	SPA_119	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	0,3	Note:	-	54°83,206	14°57,982	15 m
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Gravel and coarse sand	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	07:51	16,30	54°83,204	14°57,966	MILS	PEPE	SEWE	Dist. 10 m
CTDO								Dist. 6240474 m
Haps Infauna	07:58	16,30	54°83,203	14°57,974	MILS	PEPE	SEWE	Dist. 6 m
Haps Chem								Dist. 6240474 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	1b	Sediment description:	Flora:	Drifting Coccotylus (<1 %) and Furcellaria (<1 %). Substrate specific coverage: <1 %	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%	Sandy substrate with gravel, wide distinct and sharp ripples	Invertebrates:	Dom by attached blue mussels (5-8 %) and barnacles (<1 %); additionally few tracks from infauna such as polychaetes or bivalves (<1 %)	<1 %	INF_SPA_119	Sand, a lot of gravel, cobbles	Sand and gravel colour
Mud/silt (%)	0%				Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	90 %		2-8 %	None	Blue mussel			
Gravel (%)	10 %		Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)		
Cobbles <10 cm (%)	0%		<1 %					
Boulders >10 cm (%)	0%		Video file id:	SPA_119		Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Overall coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:		Overall coverage			
Mud/silt (%)					Overall coverage	Depth	Temperature	Remarks
Sand (%)			Overall coverage					
Gravel (%)			Overall coverage	Others	QA: PEPE, Flora and invertebrate changed. Liv			
Cobbles <10 cm (%)								
Boulders >10 cm (%)			Video file id:					

Kunde:	Energinet	Date:	2022-03-08	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	3 m/s	Station:	SPA_120	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	0,2	Note:	-	54°81,833	14°59,130	16 m
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Gravel and coarse sand	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	11:28	16,00	54°81,843	14°59,137	SNIE	CELA	PEPE	Dist. 12 m
CTDO								Dist. 6239242 m
Haps Infauna	11:34	16,00	54°81,859	14°59,156	SNIE	CELA	PEPE	Dist. 34 m
Haps Chem								Dist. 6239242 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	1b	Sediment description:	Flora:	Diatom patches, some drifting coccotylus (<1 %), Furcellaria lumbricalis (<1 %). Substrate specific coverage: <1 %	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%	Sand bottom, fine and some medium coarse sand, distinct wave ripples.	Invertebrates:	Dom by few mobile blue mussels (1 %), barnacles (<1 %), other white bivalves and shell fragments (<1 %), few faunal tracks; holes made by either polychaetes or bivalves (<1 %)	<1 %	INF_SPA_120	Fine and medium sand	Grey
Mud/silt (%)	0%				Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	100 %		1 %	None	Polychaete (5 cm), some empty shells			
Gravel (%)	0%		Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)		
Cobbles <10 cm (%)	0%		0 %					
Boulders >10 cm (%)	0%		Video file id:	SPA_120		Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Overall coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:					
Mud/silt (%)					Overall coverage	Depth	Temperature	Remarks
Sand (%)								
Gravel (%)			Overall coverage					
Cobbles <10 cm (%)				Fish:		Others	QA: PEPE, flora and invertebrates changed. Liv	
Boulders >10 cm (%)			Video file id:					

Kunde:	Energinet	Date:	2022-03-08	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	3 m/s	Station:	SPA_121	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	0,2	Note:	-	54°80,796	14°60,494	14 m
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Sand	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	10:08	14,70	54°80,784	14°60,472	SNIE	CELA	PEPE	Dist. 20 m
CTDO								Dist. 6238409 m
Haps Infauna	11:15	14,70	54°80,750	14°60,555			PEPE	Dist. 65 m
Haps Chem								Dist. 6238409 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	1b	Sediment description:	Flora:	Coccolytus (<1 %), Furcellaria (<1 %). Substrate specific coverage: <1 %	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%	Fine sand /medium grained sand bottom, some gravel, wave ripples.	Invertebrates:	Dom by mobile blue mussels(1 %), barnacles (<1 %), shell fragments (1 %); additionally common cockle (<1 %), small red polychaetes (<1 %)	<1 %	INF_SPA_121	Fine to medium clean sand, some gravel	Light brown sandy
Mud/silt (%)	0%				Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	98 %		1 %	None	Baltic amphipods			
Gravel (%)	2 %		Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)		
Cobbles <10 cm (%)	0%		0 %					
Boulders >10 cm (%)	0%		Video file id:	SPA_121			Smell (Chem)	Visible species (Chem)
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Overall coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:		Overall coverage	Depth	Temperature	Remarks
Mud/silt (%)					Overall coverage	Others	QA: PEPE, Flora and invertebrate changed. Liv	
Sand (%)			Overall coverage					
Gravel (%)			Overall coverage					
Cobbles <10 cm (%)			Overall coverage					
Boulders >10 cm (%)			Video file id:					

Kunde:	Energinet	Date:	2022-03-08	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	3 m/s	Station:	SPA_122	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	0,2	Note:	-	54°81,773	14°55,181	18 m
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Gravel and coarse sand	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	12:09	17,40	54°81,762	14°55,171	SNIE	MILS	PEPE	Dist. 14 m
CTDO								Dist. 6238412 m
Haps Infauna	12:14	17,40	54°81,767	14°55,196	SNIE	SEWE	PEPE	Dist. 12 m
Haps Chem								Dist. 6238412 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	1b	Sediment description:	Flora:	Drifting Furcellaria (<1 %) and Coccotylus (<1 %), diatoms patches on the sand. Substrate specific coverage: <1 %	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%	Sand bottom, fine to medium grained sand size.	Invertebrates:	Dom by mobile clusters of blue mussels (3 %), local high density of a small blue mussel bed (30 %), barnacles (<1 %), common cockle (<1 %) not much signs from infaunal activity but maybe some mussels or polychaetes (<1 %)	<1%	INF_SPA_122	Sand with shell fragments	Grey
Mud/silt (%)	0%				Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	100 %		3 %	None	Baltic amphipod, white bivalves			
Gravel (%)	0%		Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)		
Cobbles <10 cm (%)	0%		0 %					
Boulders >10 cm (%)	0%		Video file id:	SPA_122		Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Overall coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:		Overall coverage	Depth	Temperature	Remarks
Mud/silt (%)					Overall coverage	Others	QA: PEPE, Flora and invertebrates changed. Liv	
Sand (%)			Overall coverage					
Gravel (%)			Video file id:					
Cobbles <10 cm (%)								
Boulders >10 cm (%)								

Kunde:	Energinet	Date:	2022-03-08	Area:	Baltic Sea	Planned target			
Project:	ENOE	Wind speed (m/s)	3 m/s	Station:	SPA_123	Northing	Easting	Depth	
Vessel	Skoven	Wave height (m)	0,3	Note:	-	54°81,565	14°53,736	18 m	
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Gravel and coarse sand		
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance	
ROV	12:25	18,30	54°81,548	14°53,705	SNIE	MILS	PEPE	Dist. 27 m	
CTDO								Dist. 6237911 m	
Haps Infauna	12:30	18,30	54°81,562	14°53,729	SNIE	MILS	PEPE	Dist. 5 m	
Haps Chem								Dist. 6237911 m	
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition			
Sediment type:	1b	Sediment description:	Flora:	Diatom patches, Furcellaria (<1 %), Coccotylus (<1 %). Substrate specific coverage: <1 %	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)	
Clay (%)	0%	Sand bottom with some gravel, sand fine to medium grain size, not visible activity		Invertebrates:	Dom by lot of white shell fragments (1-2 %), small piles and holes of lugworm (1 %), mobile blue mussels (1 %), common cockle (<1 %); additionally shrimp (Crangon crangon), barnacles(<1 %), tube from a polychaete(<1 %)	<1 %	INF_SPA_123	Sand, gravel, shell fragments	Grey
Mud/silt (%)	0%				Fish:	None	Overall coverage	Smell (Infauna)	Visible species (Infauna)
Sand (%)	100 %			<1-2 %			None	Head od a sand goby and baltic amphipod	
Gravel (%)	0%			Overall coverage	0 %	Photo id (Chem)	Composition (Chem)	Colour (Chem)	
Cobbles <10 cm (%)	0%			Video file id:	SPA_123	Smell (Chem)	Visible species (Chem)		
Boulders >10 cm (%)	0%								
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)			
Sediment type:		Sediment description:	Flora:		Overall coverage	Oxygen %	Oxygen mg/l	Salinity	
Clay (%)				Invertebrates:					
Mud/silt (%)					Overall coverage	Depth	Temperature	Remarks	
Sand (%)				Fish:		Overall coverage	Others	QA: PEPE, Flora and invertebrate changed. Liv	
Gravel (%)									
Cobbles <10 cm (%)				Video file id:					
Boulders >10 cm (%)									

Kunde:	Energinet	Date:	2022-03-08	Area:	Baltic Sea	Planned target				
Project:	ENOE	Wind speed (m/s)	4 m/s	Station:	SPA_124	Northing	Easting	Depth		
Vessel	Skoven	Wave height (m)	0,3	Note:	-	54°82,052	14°51,305	19 m		
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Gravel and coarse sand			
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance		
ROV	12:45	18,80	54°82,042	14°51,267	SNIE	MILS	PEPE	Dist. 27 m		
CTDO								Dist. 6237957 m		
Haps Infauna	12:49	18,80	54°82,041	14°51,294	SNIE	MILS	PEPE	Dist. 14 m		
Haps Chem								Dist. 6237957 m		
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition				
Sediment type:	1b	Sediment description:	Flora:	Furcellaria (<1 %), coccotylus (<1 %), dead eelgrass, diatom patches on the seabed. Substrate specific coverage: <1 %	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)		
Clay (%)	0%	Sandy bottom with fine to medium size of grain size, good visibility.		Invertebrates:	Dom by mobile blue mussels (1-2 %), barnacles(<1 %), white shell fragments from e.g. common cockle(<1 %), living common cockle (<1 %), some tracks on the sand from faunal activity.	<1 %	INF_SPA_124	Sand, gravel, some small cobbles, shell fragments	Grey	
Mud/silt (%)	0%				Fish:	None	Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	100 %			0 %			None	Baltic amphipod, some polychaetes		
Gravel (%)	0%			Video file id:	SPA_124	Photo id (Chem)	Composition (Chem)	Colour (Chem)		
Cobbles <10 cm (%)	0%									
Boulders >10 cm (%)	0%									
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)				
Sediment type:		Sediment description:	Flora:		Overall coverage	Oxygen %	Oxygen mg/l	Salinity		
Clay (%)				Invertebrates:						
Mud/silt (%)										
Sand (%)										
Gravel (%)					Fish:					
Cobbles <10 cm (%)										
Boulders >10 cm (%)					Video file id:			Others	QA: PEPE, invertebrates changed. Liv	

Kunde:	Energinet	Date:	2022-03-08	Area:	Baltic Sea	Planned target				
Project:	ENOE	Wind speed (m/s)	4 m/s	Station:	SPA_125	Northing	Easting	Depth		
Vessel	Skoven	Wave height (m)	0,3	Note:	Small HAPS sample due to sediment type	54°82,357	14°48,524	18 m		
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Gravel and coarse sand			
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance		
ROV	13:07	19,30	54°82,341	14°48,519	SNIE	MILS	PEPE	Dist. 18 m		
CTDO								Dist. 6237743 m		
Haps Infauna	13:11	19,30	54°82,346	14°48,523	SNIE	MILS	PEPE	Dist. 12 m		
Haps Chem								Dist. 6237743 m		
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition				
Sediment type:	1b	Sediment description:	Sandy bottom, gravel, fine to medium grain size sand.	Flora:	Diatom patches, Furcellaria (<1 %), Coccotylus (<1 %). Substrate specific coverage: <1 %	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)	
Clay (%)	0%					<1 %	INF_SPA_125	Sand, gravel, small cobbles, shell fragments	Grey	
Mud/silt (%)	0%				Invertebrates:	Dom by mobile blue mussels (<1-2 %) and white shell fragments (<1-2 %), barnacles (5 %).	Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	85 %					<1-2 %	None	Polychaetes		
Gravel (%)	15 %				Fish:	Sand goby (<1 %)	Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)
Cobbles <10 cm (%)	0%					<1 %				
Boulders >10 cm (%)	0%				Video file id:	SPA_125	Smell (Chem)	Visible species (Chem)		
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)				
Sediment type:		Sediment description:		Flora:		Overall coverage	Oxygen %	Oxygen mg/l	Salinity	
Clay (%)										
Mud/silt (%)					Invertebrates:		Overall coverage	Depth	Temperature	Remarks
Sand (%)										
Gravel (%)					Fish:		Overall coverage	Others	QA: PEPE, Flora and invertebrate changed. Liv	
Cobbles <10 cm (%)										
Boulders >10 cm (%)					Video file id:					

Kunde:	Energinet	Date:	2022-03-08	Area:	Baltic Sea	Planned target			
Project:	ENOE	Wind speed (m/s)	3 m/s	Station:	SPA_126	Northing	Easting	Depth	
Vessel	Skoven	Wave height (m)	0,3	Note:	-	54°82,408	14°45,566	14 m	
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Sand		
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance	
ROV	13:28	20,20	54°82,405	14°45,573	SNIE	MILS	PEPE	Dist. 5 m	
CTDO								Dist. 6237226 m	
Haps Infauna	13:32	20,20	54°82,402	14°45,582	SNIE	SEWE	PEPE	Dist. 12 m	
Haps Chem								Dist. 6237226 m	
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition			
Sediment type:	1b	Sediment description:	Flora:	Furcellaria (<1 %)	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)	
Clay (%)	0%	Sandy bottom with gravel, wave ripples.	Invertebrates:	Dom by mobile clusters of blue mussels (1 %), some are attached to gravel (1 %), sea sponge (porifera), bread crump lugus, (<1 %), barnacles (<1 %)	0 %	INF_SPA_126	Sand, gravel some shells fragments and small cobbles, some organic material	Grey	
Mud/silt (%)	0%		Fish:	Sand goby (<1 %)	1 %	None	None	None	
Sand (%)	80 %		Video file id:	SPA_126		Smell (Chem)	Visible species (Chem)		
Gravel (%)	20 %					Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)
Cobbles <10 cm (%)	0%					<1 %			
Boulders >10 cm (%)	0%								
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)			
Sediment type:		Sediment description:	Flora:		Overall coverage	Oxygen %	Oxygen mg/l	Salinity	
Clay (%)			Invertebrates:						
Mud/silt (%)			Fish:						
Sand (%)			Video file id:						
Gravel (%)						Overall coverage	Depth	Temperature	Remarks
Cobbles <10 cm (%)									
Boulders >10 cm (%)							Others	QA: PEPE, flora and invertebrates changed.	

Kunde:	Energinet	Date:	2022-03-08	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	5 m/s	Station:	SPA_127	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	0,3	Note:	Small HAPS sample due to sediment type	54°83,688	14°43,225	16 m
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Gravel and coarse sand	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	21:43	20,90	54°83,685	14°43,214	SNIE	PEPE	CELA	Dist. 8 m
CTDO								Dist. 6238133 m
Haps Infauna	21:49	20,90	54°83,694	14°43,187	SNIE	PEPE	CELA	Dist. 25 m
Haps Chem								Dist. 6238133 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	2	Sediment description:	Flora:	Brown crust (<1 %), Hildenbrandia (<1 %), Coccotycus (<1 %), Furcellaria (<1 %). Substrate specific coverage: <1 %	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%	Medium-grained sand bottom with small and big stones and gravel, distinct ripples	Invertebrates:	Dom by mobile and attached blue mussels (5-10 %) and barnacles (1 %); additionally calcareous tube worms (Serpulidae) (<1 %), bryozoans (<1 %), hydrozoans (<1 %)	<1 %	INF_SPA_127	Sand, gravel, small rock	Sand
Mud/silt (%)	0%				Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	95 %		2-8 %	None	Blue mussels			
Gravel (%)	1 %		Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)		
Cobbles <10 cm (%)	3 %		<1 %					
Boulders >10 cm (%)	1 %		Video file id:	SPA_127		Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Overall coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:		Overall coverage	Depth	Temperature	Remarks
Mud/silt (%)					Overall coverage			
Sand (%)			Overall coverage					
Gravel (%)			Overall coverage					
Cobbles <10 cm (%)			Others	QA: PEPE, Flora and invertebrate changed. Liv				
Boulders >10 cm (%)			Video file id:					

Kunde:	Energinet	Date:	2022-03-08	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	5 m/s	Station:	SPA_129	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	0,3	Note:	Small HAPS sample due to sediment type	54°83,856	14°40,601	17 m
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Gravel and coarse sand	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	21:24	22,30	54°83,852	14°40,586	SNIE	PEPE	CELA	Dist. 11 m
CTDO								Dist. 6237808 m
Haps Infauna	21:30	22,30	54°83,857	14°40,606	-	PEPE	CELA	Dist. 3 m
Haps Chem								Dist. 6237808 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	2	Sediment description:	Flora:	Coccolytus (<1 %), brown crust (<1 %), Hildenbrandia (<1 %). Substrate specific coverage: <1 %.	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%	Sand bottom with distinct ripples, a few big stones	Invertebrates:	Dom by attached blue mussels (2-10 %), barnacles (<1 %); additionally baltic amphipod (<1 %), some small piles from lugworms (<1 %)	<1 %	INF_SPA_129	Sand and gravel	Sand
Mud/silt (%)	0%				Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	96 %		2-10 %	None	Many baltic amphipods, worm tubes			
Gravel (%)	0%		Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)		
Cobbles <10 cm (%)	2 %		<1 %					
Boulders >10 cm (%)	2 %		Video file id:	SPA_129		Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Overall coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:					
Mud/silt (%)					Overall coverage	Depth	Temperature	Remarks
Sand (%)								
Gravel (%)			Overall coverage			Others	QA: PEPE, Flora and invertebrate changed. Liv	
Cobbles <10 cm (%)								
Boulders >10 cm (%)			Video file id:					

Kunde:	Energinet	Date:	1900-01-00	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	4 m/s	Station:	SPA_130	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	0,4	Note:	-	54°84,500	14°38,361	17 m
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Gravel and coarse sand	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	21:07	18,30	54°84,508	14°38,337	SNIE	MILS	CELA	Dist. 17 m
CTDO								Dist. 6238061 m
Haps Infauna	21:11	18,30	54°84,504	14°38,380	-	-	CELA	Dist. 13 m
Haps Chem								Dist. 6238061 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	1b	Sediment description:	Flora:	Coccolytus attached to blue mussels (<1 %)	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%	Firm sand substrate with ripples, little bit of gravel, not many infauna tracks	Invertebrates:	Dom by few blue mussel (<1-2 % , white shell fragments from common cockle, barnacles (<1 %) , few faunal tracks.	<1 %	INF_SPA_130	Sand and gravel	Sand
Mud/silt (%)	0%				Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	98 %		<1-2 %	None	A single white mussel			
Gravel (%)	2 %		Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)		
Cobbles <10 cm (%)	0%		<1 %					
Boulders >10 cm (%)	0%		Video file id:	SPA_130		Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Overall coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:					
Mud/silt (%)					Overall coverage	Depth	Temperature	Remarks
Sand (%)								
Gravel (%)			Overall coverage	Others	QA: PEPE, Invertebrates changed. Liv			
Cobbles <10 cm (%)								
Boulders >10 cm (%)			Video file id:					

Kunde:	Energinet	Date:	2022-03-08	Area:	Baltic Sea	Planned target			
Project:	ENOE	Wind speed (m/s)	6 m/s	Station:	SPA_131	Northing	Easting	Depth	
Vessel	Skoven	Wave height (m)	0,4	Note:	Small HAPS sample, third attempt	54°85,967	14°38,064	18 m	
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Gravel and coarse sand		
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance	
ROV	20:41	20,30	54°85,958	14°38,030	SNIE	MILS	CELA	Dist. 24 m	
CTDO								Dist. 6239560 m	
Haps Infauna	20:49	20,30	54°85,965	14°38,073	-	-	CELA	Dist. 6 m	
Haps Chem								Dist. 6239560 m	
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition			
Sediment type:	2	Sediment description:	Flora:	Brown crust (1 %), Hildenbrandia (1 %). Substrate specific coverage: 2 %	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)	
Clay (%)	0%	Sand and gravel bottom with big and small rocks		Invertebrates:	Dom. by attached blue mussels (40-60 %), barnacles (1-5 %); additionally Mysidaceae shrimps (<1 %), hydrozoans (haleciidae) (<1 %).	<1-2 %	INF_SPA_131	Sand and gravel	Sand
Mud/silt (%)	0%				Overall coverage	Smell (Infauna)	Visible species (Infauna)		
Sand (%)	45 %			40-60 %	None	None			
Gravel (%)	25 %			Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)		
Cobbles <10 cm (%)	25 %			0 %					
Boulders >10 cm (%)	5 %			Video file id:	SPA_131		Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)			
Sediment type:		Sediment description:	Flora:		Overall coverage	Oxygen %	Oxygen mg/l	Salinity	
Clay (%)				Invertebrates:					
Mud/silt (%)			Overall coverage		Depth	Temperature	Remarks		
Sand (%)									
Gravel (%)			Overall coverage	Fish:		Others	QA: PEPE, Flora and invertebrate changed. Liv		
Cobbles <10 cm (%)									
Boulders >10 cm (%)			Video file id:						

Kunde:	Energinet	Date:	2022-03-08	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	7 m/s	Station:	SPA_132	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	0,3	Note:	Small HAPS sample due to sediment type	54°85,348	14°36,312	18 m
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Gravel and coarse sand	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	20:20	20,50	54°85,359	14°36,347	SNIE	MILS	CELA	Dist. 26 m
CTDO								Dist. 6238568 m
Haps Infauna	20:26	20,50	54°85,369	14°36,348	-	-	CELA	Dist. 33 m
Haps Chem								Dist. 6238568 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	2	Sediment description:	Flora:	Red bushes (<1 %), Saccharina latissima (<1 %), brown crust (<1 %). Substrate specific coverage: 1 %	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%	Sand, gravel, cobbles and boulders, wide wave ripples.	Invertebrates:	Dom by attached blue mussels on rocks (30-50 %) (90% coverage on rocks) with barnacles (1-2 %) hydrozoans (<1 %), lionsmane jellyfish (<1 %), bryozoans on Saccharina latissima (<1 %)	<1 %	INF_SPA_132	Mostly gravel, also sand a few blue mussels	Sand
Mud/silt (%)	0%				Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	46 %		30-50 %	None	None			
Gravel (%)	44 %		Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)		
Cobbles <10 cm (%)	2 %		0 %					
Boulders >10 cm (%)	8 %		Video file id:	SPA_132			Smell (Chem)	Visible species (Chem)
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Overall coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:					
Mud/silt (%)					Overall coverage	Depth	Temperature	Remarks
Sand (%)								
Gravel (%)			Overall coverage	Others	QA: PEPE, flora and invertebrates changed. Liv			
Cobbles <10 cm (%)								
Boulders >10 cm (%)			Video file id:					

Kunde:	Energinet	Date:	2022-03-09	Area:	Baltic Sea	Planned target			
Project:	ENOE	Wind speed (m/s)	3 m/s	Station:	SPA_133	Northing	Easting	Depth	
Vessel	Skoven	Wave height (m)	0,2	Note:	Small sample due to sediment type	54°87,395	14°33,988	26 m	
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Sand		
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance	
ROV	15:34	24,20	54°87,383	14°33,982	MILS	CELA	SEWE	Dist. 14 m	
CTDO								Dist. 6240296 m	
Haps Infauna	15:43	24,20	54°87,399	14°33,982	MILS	CELA	SEWE	Dist. 6 m	
Haps Chem								Dist. 6240296 m	
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition			
Sediment type:	3	Sediment description:	A sand bottom with coarse sand and gravel and boulders and cobbles. A rusty wire.	Flora:	Brown crust (1 %), Hildenbrandia (1 %), Substrate specific coverage: 2 %	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%			Invertebrates:	Dom by attached blue mussels (15-50 %), barnacles (1-2 %)	<1-1 %	INF_SPA_133	Mainly gravel with cobbles, shell fragments	Gravel colour
Mud/silt (%)	0%			Fish:	None	Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	50 %					15-50 %	None	Blue mussels	
Gravel (%)	20 %					Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)
Cobbles <10 cm (%)	15 %					0 %			
Boulders >10 cm (%)	15 %				Video file id:	SPA_133	Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)			
Sediment type:		Sediment description:		Flora:		Overall coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)				Invertebrates:					
Mud/silt (%)				Fish:			Depth	Temperature	Remarks
Sand (%)									
Gravel (%)									
Cobbles <10 cm (%)							Others	QA: PEPE, Flora and invertebrate changed. Liv	
Boulders >10 cm (%)					Video file id:				

Kunde:	Energinet	Date:	2022-03-08	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	5 m/s	Station:	SPA_134	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	0,4	Note:	-	54°85,774	14°31,491	22 m
ROV	Yes	Infauna	No	Chemistry	No	Expected substrate	Till/Diamicton	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	19:39	25,60	54°85,762	14°31,470	SNIE	PEPE	CELA	Dist. 19 m
CTDO								Dist. 6238100 m
Haps Infauna								Dist. 6238100 m
Haps Chem								Dist. 6238100 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	3	Sediment description:	Flora:	Brown crust (1 %) and hildenbrandia (1 %). Substrate specific coverage: 2 %	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	1 %	Sand bottom with big and small rocks, clay below sediment, large ripples	Invertebrates:	Dom by attached blue mussels (10-20 %), barnacles (1 %), bryozoans (1 %); additionally calcareous tube worms (<1 %), mysids shrimp (<1 %).	1 %			
Mud/silt (%)	0%				Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	59 %		5-15 %					
Gravel (%)	20 %		Fish:	Atlantic cod	Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)
Cobbles <10 cm (%)	10 %				<1 %			
Boulders >10 cm (%)	10 %		Video file id:	SPA_134			Smell (Chem)	Visible species (Chem)
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Overall coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:					
Mud/silt (%)					Overall coverage	Depth	Temperature	Remarks
Sand (%)								
Gravel (%)			Fish:		Overall coverage	Others	QA: PEPE, Flora and invertebrates changed. Liv	
Cobbles <10 cm (%)								
Boulders >10 cm (%)			Video file id:					

Kunde:	Energinet	Date:	2022-03-08	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	5 m/s	Station:	SPA_135	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	0,3	Note:	No HAPS sample taken due to the sediment type	54°84,172	14°35,978	18 m
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Gravel and coarse sand	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	20:01	17,80	54°84,168	14°35,929	SNIE	MILS	CELA	Dist. 32 m
CTDO								Dist. 6237256 m
Haps Infauna								Dist. 6237256 m
Haps Chem								Dist. 6237256 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	4	Sediment description:	Flora:	Red bushes (1-5 %), brown crust (1 %). Substrate specific coverage: 5 %	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%	Many large boulders - some very large, cobbles, gravel and some sand	Invertebrates:	Dom by attached blue mussels (50-60 %) (80 % coverage on rocks), barnacles (1-3 %); additionally shrimp (<1%), hydrozoans (<1%), jellyfish (<1 %).	1-5 %			
Mud/silt (%)	0%			Overall coverage	Smell (Infauna)	Visible species (Infauna)		
Sand (%)	5 %		Overall coverage					
Gravel (%)	15 %		Overall coverage	Fish:	None	Photo id (Chem)	Composition (Chem)	Colour (Chem)
Cobbles <10 cm (%)	30 %				0 %			
Boulders >10 cm (%)	50 %			Video file id:	SPA_135	Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Overall coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:					
Mud/silt (%)				Overall coverage	Depth	Temperature	Remarks	
Sand (%)			Overall coverage					
Gravel (%)			Overall coverage	Fish:		Others	QA: PEPE, Flora and invertebrate changed. Liv	
Cobbles <10 cm (%)								
Boulders >10 cm (%)			Video file id:					

Kunde:	Energinet	Date:	2022-03-08	Area:	Baltic Sea	Planned target			
Project:	ENOE	Wind speed (m/s)	6 m/s	Station:	SPA_136	Northing	Easting	Depth	
Vessel	Skoven	Wave height (m)	0,4	Note:	-	54°83,143	14°37,912	17 m	
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Gravel and coarse sand		
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance	
ROV	14:42	18,50	54°83,131	14°37,948	MILS	CELA	SEWE	Dist. 27 m	
CTDO								Dist. 6236535 m	
Haps Infauna	14:48	18,50	54°83,131	14°37,927	MILS	CELA	SEWE	Dist. 16 m	
Haps Chem								Dist. 6236535 m	
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition			
Sediment type:	1b	Sediment description:	Flora:	Furcellaria. Substrate specific coverage: <1 %	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)	
Clay (%)	0%	Sand bottom, medium to coarse sand, distinct wave ripples.	Invertebrates:	Dom by mobile clusters of blue mussels (1-2 %), shell fragments from white mussels (1 %), not many tracks from infauna (<1 %), barnacles (<1 %).	<1 %	INF_SPA_136	Sand, gravel, a few small cobbles	Sandy color	
Mud/silt (%)	0%				Overall coverage	Smell (Infauna)	Visible species (Infauna)		
Sand (%)	100 %		1-2 %	None	None				
Gravel (%)	0%		Overall coverage	Fish:	None	Photo id (Chem)	Composition (Chem)	Colour (Chem)	
Cobbles <10 cm (%)	0%					0 %			
Boulders >10 cm (%)	0%		Video file id:	SPA_136			Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)			
Sediment type:		Sediment description:	Flora:		Overall coverage	Oxygen %	Oxygen mg/l	Salinity	
Clay (%)			Invertebrates:		Overall coverage	Depth	Temperature	Remarks	
Mud/silt (%)					Overall coverage				
Sand (%)			Overall coverage	Fish:		Others	QA: PEPE, invertebrates changed. Liv		
Gravel (%)									
Cobbles <10 cm (%)			Video file id:						
Boulders >10 cm (%)									

Kunde:	Energinet	Date:	2022-03-08	Area:	Baltic Sea	Planned target			
Project:	ENOE	Wind speed (m/s)	7 m/s	Station:	SPA_137	Northing	Easting	Depth	
Vessel	Skoven	Wave height (m)	0,4	Note:	-	54°82,292	14°39,372	16 m	
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Gravel and coarse sand		
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance	
ROV	14:08	16,10	54°82,290	14°39,374	MILS	CELA	SEWE	Dist. 2 m	
CTDO								Dist. 6235912 m	
Haps Infauna	14:12	16,10	54°82,291	14°39,383	MILS	CELA	SEWE	Dist. 7 m	
Haps Chem								Dist. 6235912 m	
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition			
Sediment type:	1b	Sediment description:	Flora:	Coccolytus and Furcellaria (<1 %). Substrate specific coverage: <1 %	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)	
Clay (%)	0%	Sand bottom with ripples. Coarse sand, gravel.		Invertebrates:	Dom by shell fragments from bivalves (1 %). Some tracks from infauna made by polychaetes or bivalves (1 %); additionally mobile blue mussels (<1 %).	<1 %	INF_SPA_137	Sand, gravel, shell fragments	Sand colour
Mud/silt (%)	0%				Overall coverage	Smell (Infauna)	Visible species (Infauna)		
Sand (%)	95 %			1 %	None	None			
Gravel (%)	5 %			Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)		
Cobbles <10 cm (%)	0%			0 %	Fish:	None			
Boulders >10 cm (%)	0%			Video file id:	SPA_137		Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)			
Sediment type:		Sediment description:	Flora:		Overall coverage	Oxygen %	Oxygen mg/l	Salinity	
Clay (%)				Invertebrates:					
Mud/silt (%)			Overall coverage		Depth	Temperature	Remarks		
Sand (%)									
Gravel (%)			Overall coverage	Fish:		Others	QA: PEPE, Flora and invertebrate changed. Liv		
Cobbles <10 cm (%)									
Boulders >10 cm (%)			Video file id:						

Kunde:	Energinet	Date:	2022-03-08	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	3 m/s	Station:	SPA_138	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	0,2	Note:	-	54°82,344	14°40,779	16 m
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Gravel and coarse sand	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	13:51	16,70	54°82,321	14°40,746	SNIE	MILS	PEPE	Dist. 33 m
CTDO								Dist. 6236238 m
Haps Infauna	13:57	16,70	54°82,332	14°40,779	-	SEWE	PEPE	Dist. 13 m
Haps Chem								Dist. 6236238 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	1b	Sediment description:	Flora:	Drifting Furcellaria. Substrate specific coverage: 0 %	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%	Sandy bottom, a bit gravel between ripples, primary fine sand	Invertebrates:	Dom by few mobile blue mussels (<1 %), barnacles (<1 %), bryozoans(<1 %), shell fragments (<1 %)	0 %	INF_SPA_138	Sand, gravel, small cobbles, shell fragments,	Grey
Mud/silt (%)	0%				Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	98 %		<1 %	None	None			
Gravel (%)	2 %		Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)		
Cobbles <10 cm (%)	0%		<1 %					
Boulders >10 cm (%)	0%		Video file id:	SPA_138		Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Overall coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:					
Mud/silt (%)					Overall coverage	Depth	Temperature	Remarks
Sand (%)								
Gravel (%)			Overall coverage	Others	QA: PEPE, invertebrates changed. Liv			
Cobbles <10 cm (%)								
Boulders >10 cm (%)			Video file id:					

Kunde:	Energinet	Date:	2022-03-08	Area:	Baltic Sea	Planned target			
Project:	ENOE	Wind speed (m/s)	3 m/s	Station:	SPA_139	Northing	Easting	Depth	
Vessel	Skoven	Wave height (m)	0,2	Note:	-	54°80,609	14°47,774	16 m	
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Sand		
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance	
ROV	09:55	20,00	54°80,599	14°47,738	MILS	SNIE	CELA	Dist. 26 m	
CTDO								Dist. 6235745 m	
Haps Infauna	10:00	20,00	54°80,615	14°47,753			CELA	Dist. 15 m	
Haps Chem								Dist. 6235745 m	
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition			
Sediment type:	1b	Sediment description:	Flora:	Drifting Furcellaria	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)	
Clay (%)	0%	Fine to medium grained sand bottom, distinct ripples, brown diatom patches, shell fragments, not many tracks from infauna activity	Invertebrates:	Dom by small mobile clusters of blue mussels (1-5 %), shell fragments(<1 %), barnacles (<1 %); additionally a lionsmane jellyfish (<1 %)	0 %	INF_SPA_139	Fine, medium and coarse sand, 5 % gravel, 1-2 % small rocks	Sand, different shades of brown	
Mud/silt (%)	0%			Fish:	Sand goby (<1 %)	Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	95 %					1-5 %	None	Different bivalves, some shells, some alive, some polychaetes	
Gravel (%)	5 %		Video file id:	SPA_139	Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)	
Cobbles <10 cm (%)	0%					<1 %			
Boulders >10 cm (%)	0%						Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)			
Sediment type:		Sediment description:	Flora:		Overall coverage	Oxygen %	Oxygen mg/l	Salinity	
Clay (%)			Invertebrates:						
Mud/silt (%)				Fish:		Overall coverage	Depth	Temperature	Remarks
Sand (%)									
Gravel (%)			Video file id:		Overall coverage	Others	QA: PEPE, Flora and invertebrate changed. Liv		
Cobbles <10 cm (%)									
Boulders >10 cm (%)									

Kunde:	Energinet	Date:	2022-03-08	Area:	Baltic Sea	Planned target				
Project:	ENOE	Wind speed (m/s)	3 m/s	Station:	SPA_140	Northing	Easting	Depth		
Vessel	Skoven	Wave height (m)	0,2	Note:	-	54°79,469	14°50,332	20 m		
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Sand			
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance		
ROV	10:14	19,60	54°79,475	14°50,332	SNIE	CELA	PEPE	Dist. 6 m		
CTDO								Dist. 6235031 m		
Haps Infauna	10:19	19,60	54°79,466	14°50,352	-	-	PEPE	Dist. 14 m		
Haps Chem								Dist. 6235031 m		
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition				
Sediment type:	1b	Sediment description:	Sandy bottom with wave ripples, sand (coarse), gravel.	Flora:	Drifting red algae (Furcellaria), some patches from diatoms.	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)	
Clay (%)	0%			Invertebrates:	Dom by mobile clusters of blue mussels (2 %), barnacles (<1 %)	0 %	INF_SPA_140	Fine sand, some gravel	Grey	
Mud/silt (%)	0%			Fish:	Sand gobies (<1 %)	<1-2 %	None	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	95 %								None	
Gravel (%)	5 %							Photo id (Chem)	Composition (Chem)	Colour (Chem)
Cobbles <10 cm (%)	0%					<1 %				
Boulders >10 cm (%)	0%			Video file id:	SPA_140		Smell (Chem)	Visible species (Chem)		
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)				
Sediment type:		Sediment description:		Flora:		Overall coverage	Oxygen %	Oxygen mg/l	Salinity	
Clay (%)				Invertebrates:						
Mud/silt (%)				Fish:				Depth	Temperature	Remarks
Sand (%)										
Gravel (%)										
Cobbles <10 cm (%)								Others	QA: PEPE, invertebrates and flora changed. Liv	
Boulders >10 cm (%)				Video file id:						

Kunde:	Energinet	Date:	2022-03-08	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	3 m/s	Station:	SPA_141	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	0,2	Note:	-	54°80,144	14°54,260	17 m
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Gravel and coarse sand	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	10:40	19,60	54°80,139	14°54,230	SNIE	CELA	PEPE	Dist. 20 m
CTDO								Dist. 6236507 m
Haps Infauna	10:45	19,60	54°80,145	14°54,238	-	-	PEPE	Dist. 14 m
Haps Chem								Dist. 6236507 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	1b	Sediment description: Sand bottom, ripples, a piece of wood, some sign of infauna activity.	Flora:	Furcellaria (<1 %) and Coccotylus (<1 %). Substrate specific coverage: <1 %	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%		Invertebrates:	Dom by mobile blue mussels (2 %), bryozoans(<1 %), barnacles (<1 %), some white shell fragments (<1 %).	<1 %	INF_SPA_141	Fine and medium sand, some fine gravel.	Sandy (grey)
Mud/silt (%)	0%		Fish:	None	Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	99 %		Video file id:	SPA_141	2 %	Weak sulfur	Blue mussels, and Cardiidae, green polychaete	
Gravel (%)	1 %				Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)
Cobbles <10 cm (%)	0%				0 %			
Boulders >10 cm (%)	0%					Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Overall coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:					
Mud/silt (%)			Fish:		Overall coverage	Depth	Temperature	Remarks
Sand (%)			Video file id:					
Gravel (%)					Overall coverage	Others	QA: PEPE, Flora and invertebrate changed. Liv	
Cobbles <10 cm (%)								
Boulders >10 cm (%)								

Kunde:	Energinet	Date:	2022-03-08	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	4 m/s	Station:	SPA_142	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	0,2	Note:	-	54°76,793	14°54,563	26 m
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Sand	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	07:34	28,60	54°76,782	14°54,565	MILS	PEPE	SEWE	Dist. 12 m
CTDO								Dist. 6233014 m
Haps Infauna	07:40	28,60	54°76,787	14°54,560	MILS	PEPE	SEWE	Dist. 7 m
Haps Chem								Dist. 6233014 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	1b	Sediment description:	Flora:	Drifting Furcellaria (<1 %).	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%	Sandy bottom with ripples, homogeneous.	Invertebrates:	Dom by tubes from Pygospio elegans (1-5 %), mobile blue mussels (<1-1 %), barnacles (<1 %); additionally bryozoans (<1 %).	0 %	INF_SPA_142	Fine sand and gravel	Sand colour
Mud/silt (%)	0%				Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	100 %		1-5 %	None	A lot of worms and some small mussels			
Gravel (%)	0%		Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)		
Cobbles <10 cm (%)	0%		0 %					
Boulders >10 cm (%)	0%		Video file id:	SPA_142		Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Overall coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:					
Mud/silt (%)					Overall coverage	Depth	Temperature	Remarks
Sand (%)								
Gravel (%)			Overall coverage	Others	QA: PEPE, invertebrates changed. Liv			
Cobbles <10 cm (%)								
Boulders >10 cm (%)			Video file id:					

Kunde:	Energinet	Date:	2022-03-08	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	4 m/s	Station:	SPA_143	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	0,2	Note:	-	54°74,429	14°51,311	28 m
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Sand	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	07:09	34,30	54°74,423	14°51,307	MILS	PEPE	SEWE	Dist. 7 m
CTDO								Dist. 6229877 m
Haps Infauna	07:17	34,30	54°74,425	14°51,309	MILS	PEPE	SEWE	Dist. 4 m
Haps Chem								Dist. 6229877 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	1b	Sediment description:	Flora:	Dead eelgrass	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%	Fine sand bottom with small ripples	Invertebrates:	Dom by tubes from Pygospio elegans (5-25 %), holes and piles from lugworms (1-5 %), Blue mussels (1-2 %); additionally shrimp (Crangon crangon).	0 %	INF_SPA_143	Fine grained sand	Sand colour with a bit of grey spots
Mud/silt (%)	0%				Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	100 %		5-25 %	Weak sulfur	Pygospio			
Gravel (%)	0%		Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)		
Cobbles <10 cm (%)	0%		<1 %					
Boulders >10 cm (%)	0%		Video file id:	SPA_143		Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Overall coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:					
Mud/silt (%)					Overall coverage	Depth	Temperature	Remarks
Sand (%)								
Gravel (%)			Overall coverage	Others	QA: PEPE, Flora and invertebrate changed. Liv			
Cobbles <10 cm (%)								
Boulders >10 cm (%)			Video file id:					

Kunde:	Energinet	Date:	2022-03-08	Area:	Baltic Sea	Planned target			
Project:	ENOE	Wind speed (m/s)	5 m/s	Station:	SPA_144	Northing	Easting	Depth	
Vessel	Skoven	Wave height (m)	0,2	Note:	-	54°74,897	14°48,773	21 m	
ROV	Yes	Infauna	No	Chemistry	No	Expected substrate	Till/Diamicton		
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance	
ROV	06:54	22,10	54°74,892	14°48,809	MILS	PEPE	SEWE	Dist. 24 m	
CTDO								Dist. 6229882 m	
Haps Infauna								Dist. 6229882 m	
Haps Chem								Dist. 6229882 m	
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition			
Sediment type:	3	Sediment description:	Flora:	Brown crust (<1 %), drifting Furcellaria (<1 %). Substrate specific coverage: <1 %	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)	
Clay (%)	0%	Sandy bottom with bigger and smaller rocks.	Invertebrates:	Dom by attached blue mussels (20-40 %) and barnacles (1 %) on rocks (95 % coverage on rocks). Hydrozoans (<1 %). Calcareous tube worms(<1 %). A small lugworm pile (<1 %).	<1 %				
Mud/silt (%)	0%				Overall coverage	Smell (Infauna)	Visible species (Infauna)		
Sand (%)	70 %		20-40 %						
Gravel (%)	0%		Fish:	None	Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)	
Cobbles <10 cm (%)	15 %				0 %				
Boulders >10 cm (%)	15 %		Video file id:	SPA_144			Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)			
Sediment type:		Sediment description:	Flora:		Overall coverage	Oxygen %	Oxygen mg/l	Salinity	
Clay (%)			Invertebrates:		Overall coverage	Depth	Temperature	Remarks	
Mud/silt (%)					Overall coverage				
Sand (%)			Fish:		Overall coverage	Others	QA: PEPE, Flora and invertebrates changed. Liv		
Gravel (%)					Overall coverage				
Cobbles <10 cm (%)			Video file id:						
Boulders >10 cm (%)									

Kunde:	Energinet	Date:	2022-03-08	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	4 m/s	Station:	SPA_145	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	0,2	Note:	-	54°76,160	14°47,035	14 m
ROV	Yes	Infauna	No	Chemistry	No	Expected substrate	Till/Diamicton	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	08:13	17,80	54°76,139	14°47,047	MILS	SNIE	CELA	Dist. 25 m
CTDO								Dist. 6230885 m
Haps Infauna								Dist. 6230885 m
Haps Chem								Dist. 6230885 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	1b	Sediment description:	Flora:	Hildenbrandia. Substrate specific coverage: <1 %	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%	Fine to medium sand bottom, distinct ripples, small amount of gravel, a few rocks	Invertebrates:	Dom by shell fragments (1 %), attached young blue mussels (1 %) (50 % coverage on boulders), mobile blue mussels (<1 %), barnacles (<1 %), few tracks from infauna such as polychaetes or bivalves.	<1 %			
Mud/silt (%)	0%				Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	99 %		1-2 %					
Gravel (%)	1 %		Overall coverage	Fish:	None	Photo id (Chem)	Composition (Chem)	Colour (Chem)
Cobbles <10 cm (%)	0%		0 %					
Boulders >10 cm (%)	<1 %		Video file id:	SPA_145			Smell (Chem)	Visible species (Chem)
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Overall coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:		Overall coverage	Depth	Temperature	Remarks
Mud/silt (%)					Overall coverage			
Sand (%)			Overall coverage	Fish:		Others	QA: PEPE, Flora and invertebrate changed. Liv	
Gravel (%)								
Cobbles <10 cm (%)			Video file id:					
Boulders >10 cm (%)								

Kunde:	Energinet	Date:	2022-03-08	Area:	Baltic Sea	Planned target					
Project:	ENOE	Wind speed (m/s)	4 m/s	Station:	SPA_146	Northing	Easting	Depth			
Vessel	Skoven	Wave height (m)	0,2	Note:	-	54°78,524	14°45,396	9 m			
ROV	Yes	Infauna	No	Chemistry	No	Expected substrate	Till/Diamicton				
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance			
ROV	09:12	18,40	54°78,506	14°45,378	MILS	SNIE	CELA	Dist. 23 m			
CTDO								Dist. 6233075 m			
Haps Infauna								Dist. 6233075 m			
Haps Chem								Dist. 6233075 m			
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition					
Sediment type:	2	Sediment description:	Flora: Brown crust (<1 %), Hildenbrandia (<1 %), Furcellaria (<1 %). Substrate specific coverage: <1 %	Invertebrates: Rocks dom by attached blue mussels (10-15 %) with barnacles(1 %), shell fragments from e.g. "common cockle", tracks from infauna activity made by polychaetes or bivalves (1 %), bryozoans (1 %), lugworm piles (<1 %).	Fish: None	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)		
Clay (%)	0%	Fine to medium grained sand, gravel and small and big rocks, locally with many rocks, very good visibility				<1 %					
Mud/silt (%)	0%					Overall coverage	Smell (Infauna)	Visible species (Infauna)			
Sand (%)	82 %					8-12 %					
Gravel (%)	2 %					Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)		
Cobbles <10 cm (%)	8 %					0 %					
Boulders >10 cm (%)	8 %					Video file id:	SPA_146	Smell (Chem)	Visible species (Chem)		
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)					
Sediment type:		Sediment description:	Flora:	Invertebrates:	Fish:	Overall coverage	Oxygen %	Oxygen mg/l	Salinity		
Clay (%)											
Mud/silt (%)						Overall coverage	Depth	Temperature	Remarks		
Sand (%)											
Gravel (%)						Overall coverage	Others	QA: PEPE, flora and invertebrates changed. Liv			
Cobbles <10 cm (%)											
Boulders >10 cm (%)						Video file id:					

Kunde:	Energinet	Date:	2022-03-08	Area:	Baltic Sea	Planned target			
Project:	ENOE	Wind speed (m/s)	4 m/s	Station:	SPA_147	Northing	Easting	Depth	
Vessel	Skoven	Wave height (m)	0,2	Note:	Good visibility	54°80,612	14°42,832	12 m	
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Sand		
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance	
ROV	09:33	17,90	54°80,616	14°42,829	MILS	SNIE	CELA	Dist. 5 m	
CTDO								Dist. 6234795 m	
Haps Infauna	09:37	17,90	54°80,616	14°42,829	-	-	CELA	Dist. 5 m	
Haps Chem								Dist. 6234795 m	
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition			
Sediment type:	1b	Sediment description:	Fine to medium grained sand bottom, distinct ripples, a little gravel and shell fragments in troughs.	Flora:	Drifting Furcellaria and Coccotylus (<1 %). Substrate specific coverage: <1 %	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%			Invertebrates:	Dom by shell fragments from bivalves (1 %), blue mussels (<1 %) with barnacles (<1 %).	<1 %	INF_SPA_147	Fine to medium grained sand, little gravel	Sand, different shades of brown
Mud/silt (%)	0%			Fish:	Sand goby (<1 %)	Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	98 %					1 %	None	Shell fragments, amphipods, different worms up to app. 2 cm in length	
Gravel (%)	2 %					Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)
Cobbles <10 cm (%)	0%					<1 %			
Boulders >10 cm (%)	0%				Video file id:	SPA_147	Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)			
Sediment type:		Sediment description:		Flora:		Overall coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)				Invertebrates:					
Mud/silt (%)				Fish:					
Sand (%)									
Gravel (%)									
Cobbles <10 cm (%)									
Boulders >10 cm (%)					Video file id:			Others	QA: PEPE, Flora and invertebrate changed. Liv

Kunde:	Energinet	Date:	2022-03-08	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	7 m/s	Station:	SPA_148	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	0,4	Note:	A small HAPS sample due to sediment composition	54°81,739	14°37,268	16 m
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Gravel and coarse sand	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	14:22	16,90	54°81,729	14°37,221	MILS	CELA	SEWE	Dist. 32 m
CTDO								Dist. 6234922 m
Haps Infauna	14:31	16,90	54°81,730	14°37,259	MILS	CELA	SEWE	Dist. 12 m
Haps Chem								Dist. 6234922 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	2	Sediment description:	Flora:	Brown crust on the boulders (<1 %), Fucellaria (<1 %) and Coccotylus (<1 %). Substrate specific coverage: 1 %	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%	Mixed bottom with sand, gravel, cobbles, and boulders, shell fragments, sand with irregular wave ripples	Invertebrates:	Dom by attached and mobile blue mussels (5-10 %), and barnacles (1 %), bryozoans (<1 %)	<1 %	INF_SPA_148	Sand, gravel	Sand colour
Mud/silt (%)	0%				Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	68 %		5-10 %	None	Two blue mussels			
Gravel (%)	20 %		Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)		
Cobbles <10 cm (%)	10 %		0 %					
Boulders >10 cm (%)	2 %		Video file id:	SPA_148		Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Overall coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:		Overall coverage	Depth	Temperature	Remarks
Mud/silt (%)					Overall coverage	Others	QA: PEPE, Flora and invertebrates changed. Liv	
Sand (%)			Overall coverage					
Gravel (%)			Overall coverage					
Cobbles <10 cm (%)			Video file id:					
Boulders >10 cm (%)								

Kunde:	Energinet	Date:	2022-03-08	Area:	Baltic Sea	Planned target				
Project:	ENOE	Wind speed (m/s)	6 m/s	Station:	SPA_149	Northing	Easting	Depth		
Vessel	Skoven	Wave height (m)	0,4	Note:	Small HAPS sample due to sediment composition	54°83,111	14°36,152	17 m		
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Gravel and coarse sand			
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance		
ROV	14:58	18,60	54°83,102	14°36,172	MILS	CELA	SEWE	Dist. 16 m		
CTDO								Dist. 6236164 m		
Haps Infauna	15:09	18,60	54°83,102	14°36,163	MILS	CELA	SEWE	Dist. 12 m		
Haps Chem								Dist. 6236164 m		
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition				
Sediment type:	2	Sediment description:	Flora:	Coccolytus (1-2 %), red bushes (1-2 %), brown crust (1 %). Substrate specific coverage:	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)		
Clay (%)	0%	Mixed bottom with sand and gravel and boulders, both small and large ones. Local type 4 inbetween			Invertebrates:	Dom by attached blue mussels (5-25 %), barnacles (1-5 %), bryozoans (<1 %).	<1-2 %	INF_SPA_149	Sandy	Sand colour
Mud/silt (%)	0%						Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	70 %				5-20 %	None	Blue mussels, barnacles, bryozoans			
Gravel (%)	15 %				Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)		
Cobbles <10 cm (%)	10 %				0 %					
Boulders >10 cm (%)	5 %				Video file id:	SPA_149		Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)				
Sediment type:		Sediment description:	Flora:		Overall coverage	Oxygen %	Oxygen mg/l	Salinity		
Clay (%)					Invertebrates:					
Mud/silt (%)			Overall coverage	Depth			Temperature	Remarks		
Sand (%)			5-20 %							
Gravel (%)			Overall coverage	Fish:		Others	QA: PEPE, Flora and invertebrate changed. Liv			
Cobbles <10 cm (%)			0 %							
Boulders >10 cm (%)			Video file id:							

Kunde:	Energinet	Date:	2022-03-08	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	6 m/s	Station:	SPA_150	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	0,4	Note:	-	54°82,562	14°34,752	17 m
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Gravel and coarse sand	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	15:20	19,10	54°82,550	14°34,756	MILS	CELA	SEWE	Dist. 13 m
CTDO								Dist. 6235313 m
Haps Infauna	15:27	19,10	54°82,557	14°34,748	MILS	CELA	SEWE	Dist. 6 m
Haps Chem								Dist. 6235313 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	2	Sediment description:	Flora:	Coccolytus (<1 %) and Furcellaria (<1 %), brown crust (<1 %), hildenbrandia (<1 %). Substrate specific coverage: <1 %	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%	Sandy substrate, coarse sand, smaller and larger rocks.	Invertebrates:	Dom by attached blue mussel (20-40 %) (coverage on boulders close to 100 %), barnacles (<1-1 %); additionally bryozoans, shell fragments from e.g. common cockle (<1 %)	<1 %	INF_SPA_150	Gravel and sand	Sand colour
Mud/silt (%)	0%				Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	50 %		15-30 %	None	Blue mussels and barnacles			
Gravel (%)	37 %		Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)		
Cobbles <10 cm (%)	10 %		0 %					
Boulders >10 cm (%)	3 %		Video file id:	SPA_150		Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Overall coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:					
Mud/silt (%)					Overall coverage	Depth	Temperature	Remarks
Sand (%)								
Gravel (%)			Overall coverage	Others	QA: PEPE, flora and invertebrates changed. Liv			
Cobbles <10 cm (%)								
Boulders >10 cm (%)			Video file id:					

Kunde:	Energinet	Date:	2022-03-08	Area:	Baltic Sea	Planned target			
Project:	ENOE	Wind speed (m/s)	5 m/s	0,4	SPA_151	Northing	Easting	Depth	
Vessel	Skoven	Wave height (m)	0,4	Note:	Good visibility	54°83,863	14°29,026	22 m	
ROV	Yes	Infauna	No	Chemistry	No	Expected substrate	Till/Diamicton		
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance	
ROV	16:03	23,00	54°83,873	14°29,013	MILS	SNIE	SEWE	Dist. 14 m	
CTDO								Dist. 6235602 m	
Haps Infauna								Dist. 6235602 m	
Haps Chem								Dist. 6235602 m	
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition			
Sediment type:	4	Sediment description:	Flora:	Hildenbrandia (<1 %), Coccotylus (<1 %). Substrate specific coverage: 2 %	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)	
Clay (%)	10 %	Reef, clay patch, large boulders, good visibility	Invertebrates:	Dom by attached blue mussels (50-80 %) with barnacles (1-5 %), hydrozoans (<1 %); additionally calcareous tube worms (Serpulidae) (<1 %)	<1 %				
Mud/silt (%)	0%				Overall coverage	Smell (Infauna)	Visible species (Infauna)		
Sand (%)	5 %		50-60 %						
Gravel (%)	0%		Fish:	None	Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)	
Cobbles <10 cm (%)	30 %				0 %				
Boulders >10 cm (%)	55 %		Video file id:	SPA_151			Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)			
Sediment type:		Sediment description:	Flora:		Overall coverage	Oxygen %	Oxygen mg/l	Salinity	
Clay (%)			Invertebrates:		Overall coverage	Depth	Temperature	Remarks	
Mud/silt (%)					Overall coverage				
Sand (%)			Fish:		Overall coverage	Others	QA: PEPE, Flora and invertebrate changed. Liv		
Gravel (%)					Overall coverage				
Cobbles <10 cm (%)			Video file id:						
Boulders >10 cm (%)									

Kunde:	Energinet	Date:	2022-03-08	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	5 m/s	Station:	SPA_152	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	0,4	Note:	Small sample on third attempt	54°85,050	14°28,504	25 m
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Sand	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	19:11	27,20	54°85,051	14°28,504	SNIE	PEPE	CELA	Dist. 1 m
CTDO								Dist. 6236762 m
Haps Infauna	19:19	27,20	54°85,063	14°28,499	SNIE	PEPE	CELA	Dist. 15 m
Haps Chem								Dist. 6236762 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	3	Sediment description:	Flora:	Brown crust and hildenbrandia on rocks. Substrate specific coverage: <1 %	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%	Mixed sandy bottom with cobbles and boulders covered with blue mussels, locally type 4, wave ripples in sand locally.	Invertebrates:	Dom by attached blue mussels (20-30 %), barnacles (1 %) calcareous tube worms (<1 %), tubes from Pygospio elegans (<1 %)	<1 %	INF_SPA_152	Sand, gravel and bivalve shells	Sand
Mud/silt (%)	0%				Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	65 %		<1 %	None	A blue mussel with barnacles on			
Gravel (%)	10 %		Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)		
Cobbles <10 cm (%)	10 %		<1 %					
Boulders >10 cm (%)	15 %		Video file id:	SPA_152			Smell (Chem)	Visible species (Chem)
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Overall coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:		Overall coverage			
Mud/silt (%)					Overall coverage	Depth	Temperature	Remarks
Sand (%)			Overall coverage					
Gravel (%)			Overall coverage	Others	QA: PEPE, Flora and invertebrates changed. Liv			
Cobbles <10 cm (%)								
Boulders >10 cm (%)			Video file id:					

Kunde:	Energinet	Date:	2022-03-08	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	6 m/s	Station:	SPA_153	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	0,4	Note:	-	54°85,659	14°27,381	27 m
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Gravel and coarse sand	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	18:51	28,50	54°85,680	14°27,353	SNIE	PEPE	CELA	Dist. 29 m
CTDO								Dist. 6237195 m
Haps Infauna	19:00	28,50	54°85,627	14°27,355	-	-	CELA	Dist. 39 m
Haps Chem								Dist. 6237195 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	3	Sediment description:	Flora:	Hildenbrandia. Substrate specific coverage: 1 %	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%	Sand bottom with stones and ripples	Invertebrates:	Dom by blue mussels (10-20 %) barnacles(1-2 %), hydrozoans (<1 %) and bryozoans (<1 %), tunicates (<1 %), calcareous tube worms (Serpulidae) (<1 %), lugworm piles (<1 %), tubes of Pygospio elegans (1 %).	1 %	INF_SPA_153	Sand and a little gravel	Sand
Mud/silt (%)	0%			Overall coverage	Smell (Infauna)	Visible species (Infauna)		
Sand (%)	80 %		10-20 %	None	Transparent worms, pink worms			
Gravel (%)	0%		Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)		
Cobbles <10 cm (%)	10 %		<1 %					
Boulders >10 cm (%)	10 %		Video file id:	SPA_153		Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Overall coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:					
Mud/silt (%)				Overall coverage	Depth	Temperature	Remarks	
Sand (%)								
Gravel (%)			Overall coverage					
Cobbles <10 cm (%)				Others	QA: PEPE, Flora and invertebrate changed. Liv			
Boulders >10 cm (%)			Video file id:					

Kunde:	Energinet	Date:	2022-03-08	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	6 m/s	Station:	SPA_154	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	0,3	Note:	-	54°84,695	14°26,276	26 m
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Sand	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	18:34	26,70	54°84,725	14°26,278	SNIE	PEPE	CELA	Dist. 33 m
CTDO								Dist. 6235962 m
Haps Infauna	18:40	26,70	54°84,725	14°26,282	-	-	CELA	Dist. 33 m
Haps Chem								Dist. 6235962 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	1b	Sediment description:	Flora:	None	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%	Sand bottom with ripples	Invertebrates:	Dom by tubes from Pygospio elegans (<1-2 %), shell fragments (<1 %); additionally few clusters of mobile blue mussels (<1 %).	0 %	INF_SPA_154	Fine, medium and coarse sand, gravel and few small stones	Sand
Mud/silt (%)	0%				Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	100 %		<1-2 %	None	A polychaete, a pink worm and transparent worms			
Gravel (%)	0%		Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)		
Cobbles <10 cm (%)	0%						<1 %	
Boulders >10 cm (%)	0%		Video file id:	SPA_154		Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Overall coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:		Overall coverage	Depth	Temperature	Remarks
Mud/silt (%)								
Sand (%)			Overall coverage					
Gravel (%)						Video file id:		
Cobbles <10 cm (%)								
Boulders >10 cm (%)								

Kunde:	Energinet	Date:	2022-03-08	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	5 m/s	Station:	SPA_155	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	0,4	Note:	-	54°83,509	14°26,637	22 m
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Gravel and coarse sand	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	16:21	27,20	54°83,510	14°26,662	MILS	SNIE	SEWE	Dist. 16 m
CTDO								Dist. 6234771 m
Haps Infauna	16:28	27,20	54°83,514	14°26,673	MILS	SNIE	SEWE	Dist. 24 m
Haps Chem								Dist. 6234771 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	2	Sediment description:	Flora:	Hildebrandia. Substrate specific coverage: <1 %	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%	Sand with gravel and cobbles with ripples	Invertebrates:	Dom by attached blue mussels (20 %) with barnacles (1-2 %), sand with Pygospio elegans (<1 3 %)	<1 %	INF_SPA_155	Fine to medium sand with gravel, some stones	Sand colour
Mud/silt (%)	0%				Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	55 %		5-20 %	None	Blue mussels and other mussels, polychaete			
Gravel (%)	30 %		Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)		
Cobbles <10 cm (%)	10 %		<1 %					
Boulders >10 cm (%)	5 %		Video file id:	SPA_155		Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Overall coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:					
Mud/silt (%)					Overall coverage	Depth	Temperature	Remarks
Sand (%)								
Gravel (%)			Overall coverage	Others	QA: PEPE, Flora and invertebrate changed. Liv			
Cobbles <10 cm (%)								
Boulders >10 cm (%)			Video file id:					

Kunde:	Energinet	Date:	2022-03-08	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	6 m/s	Station:	SPA_156	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	0,4	Note:	-	54°82,872	14°25,945	22 m
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Gravel and coarse sand	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	16:38	25,10	54°82,857	14°25,939	MILS	SNIE	SEWE	Dist. 18 m
CTDO								Dist. 6233963 m
Haps Infauna	16:45	25,10	54°82,869	14°25,953	MILS	SNIE	SEWE	Dist. 7 m
Haps Chem								Dist. 6233963 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	4	Sediment description:	Flora:	Brown crust (1 %) and hildenbrandia (1-2 %). Substrate specific coverage: 1-2 %	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%	Sandy substrate with ripples and scatered cobbles and boulders	Invertebrates:	Dom by attached blue mussels (40 %) with barnacles (1-2 %) and hydrozoans (<1 %), tubes from pygospio elegans (<1 %)	<1-2 %	INF_SPA_156	Medium to coarse sand with a lot of gravel and a few cobbles	Sand colour
Mud/silt (%)	0%				Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	50 %		40 %	None	None			
Gravel (%)	0%		Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)		
Cobbles <10 cm (%)	20 %		<1 %					
Boulders >10 cm (%)	30 %		Video file id:	SPA_156			Smell (Chem)	Visible species (Chem)
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Overall coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:		Overall coverage	Depth	Temperature	Remarks
Mud/silt (%)					Overall coverage			
Sand (%)			Overall coverage					
Gravel (%)			Overall coverage					
Cobbles <10 cm (%)						Others	QA: PEPE, Flora and invertebrates changed. Liv	
Boulders >10 cm (%)			Video file id:					

Kunde:	Energinet	Date:	2022-03-08	Area:	Baltic Sea	Planned target			
Project:	ENOE	Wind speed (m/s)	6 m/s	Station:	SPA_157	Northing	Easting	Depth	
Vessel	Skoven	Wave height (m)	0,4	Note:	-	54°82,130	14°31,027	16 m	
ROV	Yes	Infauna	No	Chemistry	No	Expected substrate	Till/Diamicton		
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance	
ROV	15:43	20,60	54°82,119	14°31,034	MILS	CELA	SEWE	Dist. 13 m	
CTDO								Dist. 6234143 m	
Haps Infauna								Dist. 6234143 m	
Haps Chem								Dist. 6234143 m	
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition			
Sediment type:	2	Sediment description:	Sand and a few larger boulders, both gravel and cobbles	Flora:	Red bushes (1-2 %), Furcellaria (1-2 %), Coccotylus (1-2 %). Substrate specific coverage: 2 %	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%			Invertebrates:	Dom by blue mussels (40-60 %), barnacles (1-2 %), bryozoans (<1 %), shrimp (Crangon crangon),	Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Mud/silt (%)	0%			Fish:	None	Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)
Sand (%)	45 %			Video file id:	SPA_157	Smell (Chem)	Visible species (Chem)		
Gravel (%)	20 %			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Cobbles <10 cm (%)	30 %			Flora:		Overall coverage	Oxygen %	Oxygen mg/l	Salinity
Boulders >10 cm (%)	5 %			Invertebrates:		Overall coverage	Depth	Temperature	Remarks
ROV Secondary visual verification (sediment)			Fish:		Overall coverage	Others	QA: PEPE, Flora and invertebrate changed. Liv		
Sediment type:		Sediment description:	Video file id:						
Clay (%)									
Mud/silt (%)									
Sand (%)									
Gravel (%)									
Cobbles <10 cm (%)									
Boulders >10 cm (%)									

Kunde:	Energinet	Date:	2022-03-08	Area:	Baltic Sea	Planned target			
Project:	ENOE	Wind speed (m/s)	5 m/s	Station:	SPA_158	Northing	Easting	Depth	
Vessel	Skoven	Wave height (m)	0,2	Note:	-	54°76,978	14°42,772	10 m	
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Gravel and coarse sand		
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance	
ROV	08:49	14,20	54°76,977	14°42,764	MILS	SNIE	CELA	Dist. 5 m	
CTDO								Dist. 6230930 m	
Haps Infauna	08:55	14,20	54°76,984	14°42,814	-	-	CELA	Dist. 28 m	
Haps Chem								Dist. 6230930 m	
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition			
Sediment type:	1b	Sediment description:	Flora:	Macroalgae on blue mussels e.g. Coccotylus (<1 %) and Furcellaria (<1 %), brown diatom patches on sand (<1 %). Substrate specific coverage: <1 %	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)	
Clay (%)	0%	Fine to medium grained sand bottom, wave ripples. Some gravel in troughs. Great visibility.		Invertebrates:	Dom by mobile clusters of blue mussels (<1-3 %) with barnacles (<1-1 %), shell fragments from e.g. common cockle (<1-1 %), and living common cockle (<1 %)	<1 %	INF_SPA_158	Sand with a little gravel and shell fragments	Sand
Mud/silt (%)	0%				Fish:	None	Overall coverage	Smell (Infauna)	Visible species (Infauna)
Sand (%)	95 %			Video file id:		SPA_158	<1-3 %	None	White bivalve shells, blue mussel shells, amphipod
Gravel (%)	5 %				0 %			Overall coverage	Photo id (Chem)
Cobbles <10 cm (%)	0%			Smell (Chem)		Visible species (Chem)			
Boulders >10 cm (%)	0%								
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)			
Sediment type:		Sediment description:	Flora:		Overall coverage	Oxygen %	Oxygen mg/l	Salinity	
Clay (%)				Invertebrates:					
Mud/silt (%)					Fish:		Overall coverage	Depth	Temperature
Sand (%)									
Gravel (%)					Video file id:			Overall coverage	Others
Cobbles <10 cm (%)									
Boulders >10 cm (%)									

Kunde:	Energinet	Date:	2022-03-08	Area:	Baltic Sea	Planned target				
Project:	ENOE	Wind speed (m/s)	4 m/s	Station:	SPA_159	Northing	Easting	Depth		
Vessel	Skoven	Wave height (m)	0,2	Note:	Station number is wrong in video	54°75,369	14°43,996	10 m		
ROV	Yes	Infauna	No	Chemistry	No	Expected substrate	Till/Diamicton			
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance		
ROV	08:31	12,20	54°75,364	14°44,001	MILS	SNIE	CELA	Dist. 6 m		
CTDO								Dist. 6229459 m		
Haps Infauna								Dist. 6229459 m		
Haps Chem								Dist. 6229459 m		
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition				
Sediment type:	4	Sediment description:	Local Type 4 surrounded by sand: big rocks, sand between rocks. Could be a good habitat for fish. Very good visibility.	Flora:	Red bushes (<1 %), Hildenbrandia (<1 %). Substrate specific coverage: <1 %	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)	
Clay (%)	0%					<1 %				
Mud/silt (%)	0%				Invertebrates:	Dom by attached blue mussels (85 %) barnacles (5-10 %)	Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	5 %					85 %				
Gravel (%)	0%				Fish:	None	Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)
Cobbles <10 cm (%)	0%					0%				
Boulders >10 cm (%)	95 %				Video file id:	SPA_159	Smell (Chem)	Visible species (Chem)		
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)				
Sediment type:		Sediment description:		Flora:		Overall coverage	Oxygen %	Oxygen mg/l	Salinity	
Clay (%)										
Mud/silt (%)					Invertebrates:		Overall coverage	Depth	Temperature	Remarks
Sand (%)										
Gravel (%)					Fish:		Overall coverage	Others	QA: PEPE, invertebrates and Flora changed. Liv	
Cobbles <10 cm (%)										
Boulders >10 cm (%)					Video file id:					

Kunde:	Energinet	Date:	2022-03-08	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	6 m/s	Station:	SPA_160	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	0,2	Note:	-	54°73,982	14°47,752	22 m
ROV	Yes	Infauna	No	Chemistry	No	Expected substrate	Til/Diamicton	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	06:37	19,50	54°73,971	14°47,753	MILS	PEPE	SEWE	Dist. 13 m
CTDO								Dist. 6228715 m
Haps Infauna								Dist. 6228715 m
Haps Chem								Dist. 6228715 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	3	Sediment description:	Flora:	Brown crust (1 %), hildenbrandia (1-2 %). Substrate specific coverage: 1-2 %	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%	Mixed sandy bottom with cobbles and boulders and some gravel.	Invertebrates:	Dom by attached blue mussels (15-20 %) (75 % coverage on rocks) and barnacles (1-2 %). Calcareous tube worms and bryozoans (<1 %). Some white shell fragments (<1 %).	<1-2 %			
Mud/silt (%)	0%				Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	65 %		15-20 %					
Gravel (%)	10 %		Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)		
Cobbles <10 cm (%)	15 %		0 %					
Boulders >10 cm (%)	10 %		Video file id:	SPA_160		Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Overall coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:		Overall coverage			
Mud/silt (%)					Overall coverage	Depth	Temperature	Remarks
Sand (%)			Overall coverage					
Gravel (%)			Overall coverage	Others	QA: PEPE, Flora and invertebrates changed. Liv			
Cobbles <10 cm (%)			Video file id:					
Boulders >10 cm (%)								

Kunde:	Energinet	Date:	2022-03-08	Area:	Baltic Sea	Planned target				
Project:	ENOE	Wind speed (m/s)	5 m/s	Station:	SPA_161	Northing	Easting	Depth		
Vessel	Skoven	Wave height (m)	0,2	Note:	-	54°73,928	14°42,503	9 m		
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Gravel and coarse sand			
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance		
ROV	06:15	13,30	54°73,924	14°42,502	MILS	PEPE	SEWE	Dist. 4 m		
CTDO								Dist. 6227643 m		
Haps Infauna	06:21	13,30	54°73,924	14°42,504	MILS	PEPE	SEWE	Dist. 5 m		
Haps Chem								Dist. 6227643 m		
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition				
Sediment type:	1b	Sediment description:	Gravel and coarse sand with ripples	Flora:	Furcellaria (<1 %), Coccolytus (<1 %). Substrate specific coverage: <1 %	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)	
Clay (%)	0%			Invertebrates:	Dom by mobile blue mussels (<1 %) barnacles (<1 %); Additionally few tracks from infauna (<1 %) bryozoans (<1 %)	<1 %	INF_SPA_161	Mostly sand with gravel	Color od sand	
Mud/silt (%)	0%			Fish:	None	<1 %	None	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	50 %			Video file id:	SPA_161	0 %			A living blue mussel and an amphipod.	
Gravel (%)	50 %							Photo id (Chem)	Composition (Chem)	Colour (Chem)
Cobbles <10 cm (%)	0%									
Boulders >10 cm (%)	0%							Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)				
Sediment type:		Sediment description:		Flora:		Overall coverage	Oxygen %	Oxygen mg/l	Salinity	
Clay (%)				Invertebrates:						
Mud/silt (%)				Fish:				Depth	Temperature	Remarks
Sand (%)				Video file id:						
Gravel (%)										
Cobbles <10 cm (%)								Others	QA: PEPE, Flora and invertebrate changed. Liv	
Boulders >10 cm (%)										

Kunde:	Energinet	Date:	2022-03-08	Area:	Baltic Sea	Planned target			
Project:	ENOE	Wind speed (m/s)	4 m/s	Station:	SPA_162	Northing	Easting	Depth	
Vessel	Skoven	Wave height (m)	0,2	Note:	-	54°72,777	14°42,753	10 m	
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Gravel and coarse sand		
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance	
ROV	05:57	13,50	54°72,773	14°42,763	MILS	PEPE	SEWE	Dist. 8 m	
CTDO								Dist. 6226471 m	
Haps Infauna	06:04	13,50	54°72,775	14°42,759	MILS	PEPE	SEWE	Dist. 5 m	
Haps Chem								Dist. 6226471 m	
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition			
Sediment type:	1b	Sediment description:	Sandy bottom with distinct ripples. Mostly sand.	Flora:	Coccolytus, diatom patches. Substrate specific coverage: <1 %	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%			Invertebrates:	Dom by few blue mussels (<1 %), barnacles (<1 %), and white shell fragments from e.g. common cockle (<1 %).	0 %	INF_SPA_162	Sand, a little bit of gravel and some shell fragments	Sand colour
Mud/silt (%)	0%			Fish:	Sand gobies (<1 %)	<1 %	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	100 %					<1 %	None	A single living blue mussel	
Gravel (%)	0%			Video file id:	SPA_162		Photo id (Chem)	Composition (Chem)	Colour (Chem)
Cobbles <10 cm (%)	0%					<1 %			
Boulders >10 cm (%)	0%						Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)			
Sediment type:		Sediment description:		Flora:		Overall coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)				Invertebrates:					
Mud/silt (%)				Fish:			Depth	Temperature	Remarks
Sand (%)									
Gravel (%)				Video file id:			Others	QA: PEPE, invertebrates changed. Liv	
Cobbles <10 cm (%)									
Boulders >10 cm (%)									

Kunde:	Energinet	Date:	2022-03-07	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	3 m/s	Station:	SPA_163	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	0,3	Note:	-	54°72,764	14°44,705	11 m
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Gravel and coarse sand	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	21:59	12,90	54°72,558	14°44,773	MILS	CELA	SEWE	Dist. 233 m
CTDO								Dist. 6226833 m
Haps Infauna	22:05	12,90	54°72,747	14°44,718	MILS	CELA	SEWE	Dist. 21 m
Haps Chem								Dist. 6226833 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	1b	Sediment description:	Flora:	None	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%	Sandy bottom with ripples with diatoms	Invertebrates:	Dom by tracks of infauna activity from bivalves and polychaetes in the sediment (1-2 %), tubes from Pygospio elegans (1 %), shell fragments from bivalves (<1 %).	0 %	INF_SPA_163	100 % fine sand	Sand colour
Mud/silt (%)	0%		Fish:	Sand gobies (<1 %) and flounder tracks	Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	100 %		Video file id:	SPA_163	1-2 %	None	Common cockle	
Gravel (%)	0%				Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)
Cobbles <10 cm (%)	0%				<1 %			
Boulders >10 cm (%)	0%					Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Overall coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:		Overall coverage	Depth	Temperature	Remarks
Mud/silt (%)			Fish:		Overall coverage	Others	QA: PEPE, Flora and invertebrate changed. Liv	
Sand (%)			Video file id:					
Gravel (%)								
Cobbles <10 cm (%)								
Boulders >10 cm (%)								

Kunde:	Energinet	Date:	2022-03-07	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	5 m/s	Station:	SPA_164	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	0,3	Note:	-	54°71,084	14°49,714	27 m
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Sand	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	21:34	35,10	54°71,074	14°49,706	MILS	CELA	SEWE	Dist. 12 m
CTDO								Dist. 6226022 m
Haps Infauna	21:40	35,10	54°71,077	14°49,719	MILS	CELA	SEWE	Dist. 9 m
Haps Chem								Dist. 6226022 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	1b	Sediment description:	Flora:	None	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%	Sand bottom with silt, mostly fine grain sand, some vague wave ripples.	Invertebrates:	Sand dom by many tubes of Pygospio elegans (2 %), individuals of mobile blue mussels (<1 %), scattered white shell fragments (<1 %)	0 %	INF_SPA_164	Fine sand to silty sediment, small black clumbs	SAND
Mud/silt (%)	5 %				Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	95 %		2 %	None	A few worms, some organic material, white/black mussel			
Gravel (%)	0%		Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)		
Cobbles <10 cm (%)	0%		<1 %					
Boulders >10 cm (%)	0%		Video file id:	SPA_164		Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Overall coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:					
Mud/silt (%)					Overall coverage	Depth	Temperature	Remarks
Sand (%)								
Gravel (%)			Overall coverage	Others	QA: PEPE, Flora and invertebrates changed. Liv			
Cobbles <10 cm (%)								
Boulders >10 cm (%)			Video file id:					

Kunde:	Energinet	Date:	2022-03-07	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	4 m/s	Station:	SPA_165	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	0,3	Note:	-	54°71,592	14°45,228	14 m
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Gravel and coarse sand	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	20:55	15,50	54°71,592	14°45,228	MILS	CELA	SEWE	Dist. m
CTDO								Dist. 6225691 m
Haps Infauna	21:02	15,50	54°71,592	14°45,230	MILS	CELA	SEWE	Dist. 2 m
Haps Chem								Dist. 6225691 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	1b	Sediment description:	Flora:	Drifting Furcellaria and Coccotylus (<1 %)	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%	Fine sandy bottom with some gravel with quite sharp ripples, gravel in between the ripples	Invertebrates:	Dom by mobile blue mussels 2-5 % tracks from some invertebrates made by polychaetes or bivalves	0 %	INF_SPA_165	50 % sand 50 % gravel	Color of sand
Mud/silt (%)	0%			Fish:	A sand goby (<1 %) and skeleton from a dead fish	Overall coverage	Smell (Infauna)	Visible species (Infauna)
Sand (%)	90 %		2-5 %			None	Worms	
Gravel (%)	10 %		Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)		
Cobbles <10 cm (%)	0%		<1 %					
Boulders >10 cm (%)	0%		Video file id:	SPA_165		Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Overall coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:					
Mud/silt (%)				Fish:		Overall coverage	Depth	Temperature
Sand (%)								
Gravel (%)			Overall coverage		Others	QA: PEPE, Flora and invertebrate changed. Liv		
Cobbles <10 cm (%)								
Boulders >10 cm (%)			Video file id:					

Kunde:	Energinet	Date:	2022-03-07	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	4 m/s	Station:	SPA_166	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	0,3	Note:	Small HAPS sample due to sediment composition	54°71,581	14°42,965	14 m
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Gravel and coarse sand	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	20:37	14,90	54°71,567	14°42,959	MILS	CELA	SEWE	Dist. 16 m
CTDO								Dist. 6225243 m
Haps Infauna	20:44	14,90	54°71,575	14°42,952	MILS	CELA	SEWE	Dist. 11 m
Haps Chem								Dist. 6225243 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	1b	Sediment description:	Flora:	Coccotylus (<1 %), furcellaria (<1 %), diatoms patches covering ripples.	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%	Sand bottom with ripples, maybe a little bit of silt, very marked ripples.	Invertebrates:	Dom by few blue mussel (<1 %), with barnacles (<1 %), a few tracks from infauna activity, amphipod (<1 %), shell fragments from bivalves (<1 %).	<1%	INF_SPA_166	Sandy	Sand colour
Mud/silt (%)	0%				Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	100 %		<1%	None	Polychaete (havbørsteorm), black worm, shell fragments			
Gravel (%)	0%		Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)		
Cobbles <10 cm (%)	0%		<1%					
Boulders >10 cm (%)	0%		Video file id:	SPA_166			Smell (Chem)	Visible species (Chem)
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Overall coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:					
Mud/silt (%)					Overall coverage	Depth	Temperature	Remarks
Sand (%)								
Gravel (%)			Overall coverage	Fish:			Others	QA: PEPE, flora and invertebrates changed. Liv
Cobbles <10 cm (%)								
Boulders >10 cm (%)			Video file id:					

Kunde:	Energinet	Date:	2022-03-07	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	6 m/s	Station:	SPA_167	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	0,3	Note:	-	54°70,345	14°45,400	19 m
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Sand	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	21:14	17,30	54°70,337	14°45,397	MILS	CELA	SEWE	Dist. 9 m
CTDO								Dist. 6224403 m
Haps Infauna	21:19	17,30	54°70,328	14°45,396	MILS	CELA	SEWE	Dist. 19 m
Haps Chem								Dist. 6224403 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	1b	Sediment description:	Flora:	Drifting Furcellaria (<1 %) and Coccotylus (<1 %)	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%	Sand bottom with ripples, fine sand on the crest, medium sand in the trough	Invertebrates:	Dom by shell fragments (1-2 %) and tracks from infauna made by polychaetes or bivalves, scatered mobile blue mussels (1-2 %), barnacles (<1 %), few tubes from Pygospoi elegans (<1 %).	0%	INF_SPA_167	Sand and gravel	Sand.
Mud/silt (%)	0%				Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	100 %		1-2%	None	Blue mussels, some worms, shell fragment			
Gravel (%)	0%		Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)		
Cobbles <10 cm (%)	0%		<1%					
Boulders >10 cm (%)	0%		Video file id:	SPA_167			Smell (Chem)	Visible species (Chem)
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Overall coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:					
Mud/silt (%)					Overall coverage	Depth	Temperature	Remarks
Sand (%)								
Gravel (%)			Overall coverage	Others	QA: PEPE, Flora and invertebrate changed. Liv			
Cobbles <10 cm (%)								
Boulders >10 cm (%)			Video file id:					

Kunde:	Energinet	Date:	2022-03-07	Area:	Baltic Sea	Planned target			
Project:	ENOE	Wind speed (m/s)	5 m/s	Station:	SPA_168	Northing	Easting	Depth	
Vessel	Skoven	Wave height (m)	0,3	Note:	-	54°70,630	14°42,393	18 m	
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Gravel and coarse sand		
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance	
ROV	20:19	14,90	54°70,635	14°42,419	MILS	CELA	SEWE	Dist. 17 m	
CTDO								Dist. 6224124 m	
Haps Infauna	20:25	14,90	54°70,619	14°42,399	MILS	CELA	SEWE	Dist. 13 m	
Haps Chem								Dist. 6224124 m	
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition			
Sediment type:	1b	Sediment description:	Flora:	Drifting Furcellaria (<1 %), diatom patches.	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)	
Clay (%)	0%	Sand bottom with silt in between some sharp wave ripples.	Invertebrates:	Dom by mobile clusters of blue mussels (1 %), shell fragments (<1 %), barnacles (<1 %); additionally shrimp (<1 %), jellyfish (<1 %), shell fragments (<1 %).	0 %	INF_SPA_168	Sand with some gravel	Sand colour	
Mud/silt (%)	1 %			Fish:	Sand gobies (<1 %)	Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	95 %		1 %			None	Mussel, amphipod (tangloppe)		
Gravel (%)	4 %		Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)			
Cobbles <10 cm (%)	0%		<1 %						
Boulders >10 cm (%)	0%		Video file id:	SPA_168			Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)			
Sediment type:		Sediment description:	Flora:		Overall coverage	Oxygen %	Oxygen mg/l	Salinity	
Clay (%)			Invertebrates:						
Mud/silt (%)				Overall coverage	Depth	Temperature	Remarks		
Sand (%)			Fish:		Overall coverage	Others	QA: PEPE, Flora and invertebrates changed. Liv		
Gravel (%)									
Cobbles <10 cm (%)			Video file id:						
Boulders >10 cm (%)									

Kunde:	Energinet	Date:	2022-03-07	Area:	Baltic Sea	Planned target			
Project:	ENOE	Wind speed (m/s)	3 m/s	Station:	SPA_169	Northing	Easting	Depth	
Vessel	Skoven	Wave height (m)	0,3	Note:	-	54°67,491	14°43,475	22 m	
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Sand		
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance	
ROV	19:53	28,60	54°67,511	14°43,460	MILS	PEPE	CELA	Dist. 24 m	
CTDO								Dist. 6221004 m	
Haps Infauna	19:59	28,60	54°67,481	14°43,471	-	-	CELA	Dist. 12 m	
Haps Chem								Dist. 6221004 m	
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition			
Sediment type:	1b	Sediment description:	Flora:	Dead Fucus and red algae	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)	
Clay (%)	0%	Sandy bottom with some silt between weak ripples	Invertebrates:	Dom by tracks from infauna activity incl. Piles from lugworm (1-2 %) and holes from bivalves (1 %), shell fragments(<1 %), blue mussels (<1 %).	0 %	INF_SPA_169	Sand, some gravel (4%), 1 small rock, shell fragments	Sand	
Mud/silt (%)	30 %				Overall coverage	Smell (Infauna)	Visible species (Infauna)		
Sand (%)	70 %		1-2 %	None	Shell fragments, worms				
Gravel (%)	0%		Fish:	European plaice, sand goby (<1 %)	Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)	
Cobbles <10 cm (%)	0%				<1 %				
Boulders >10 cm (%)	0%		Video file id:	SPA_169			Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)			
Sediment type:		Sediment description:	Flora:		Overall coverage	Oxygen %	Oxygen mg/l	Salinity	
Clay (%)			Invertebrates:		Overall coverage	Depth	Temperature	Remarks	
Mud/silt (%)					Overall coverage				
Sand (%)			Fish:		Overall coverage	Others	QA: PEPE, Flora and invertebrate changed. Liv		
Gravel (%)					Overall coverage				
Cobbles <10 cm (%)			Video file id:						
Boulders >10 cm (%)									

APPENDIX 3E – LOGBOOK FOR REMAINING STATIONS (INV)

Kunde:	Energinet	Date:	2022-03-19	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	6 m/s	Station:	INV_001	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	0,4	Note:	-	55°24,797	14°38,416	41 m
ROV	Yes	Infauna	No	Chemistry	No	Expected substrate	Sand	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	09:48:00	43,10	55°24,835	14°38,408	SNIE	CELA	LEHE	Dist. 42 m
CTDO								Dist. 6280835 m
Haps Infauna								Dist. 6280835 m
Haps Chem								Dist. 6280835 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	2	Sediment description:	Flora:	Brown crust. Substrate specific coverage: <1 %	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%	Sandy bottom with spread large boulders, wave ripples, some areas with higher density of large boulders	Invertebrates:	Sand: dom. by infauna activity mostly polychaetes (<1-3 % incl. piles (<1-1 % of lugworm (<1 % and Pygospio elegans tubes (3-70 %), and Arctica islandica bivalves (<1-30 %); additionally few common starfish (Asterias rubens). Rocks: dom. by hydrozoans; additionally Mytilus spp. (<1-1 %), calcareous tubes on rocks (Serpulidae), barnacles.	<1 %			
Mud/silt (%)	10 %				Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	75 %				<1-70 %			
Gravel (%)	5 %		Fish:	None	Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)
Cobbles <10 cm (%)	5 %				0 %			
Boulders >10 cm (%)	5 %		Video file id:	INV_001			Smell (Chem)	Visible species (Chem)
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:		Overall coverage	Depth	Temperature	Remarks
Mud/silt (%)								
Sand (%)								
Gravel (%)			Fish:		Overall coverage	Others QA by LKPO, CELA, PEPE changed coverage%. Liv		
Cobbles <10 cm (%)								
Boulders >10 cm (%)			Video file id:					

Kunde:	Energinet	Date:	2022-03-19	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	6 m/s	Station:	INV_002	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	0,4	Note:	-	55°24,063	14°41,120	41 m
ROV	Yes	Infauna	No	Chemistry	No	Expected substrate	Till/Diamicton	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	09:26:00	41,70	55°24,078	14°41,136	SNIE	CELA	LEHE	Dist. 19 m
CTDO								Dist. 6280568 m
Haps Infauna								Dist. 6280568 m
Haps Chem								Dist. 6280568 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	1b	Sediment description:	Flora:	Brown crust on rocks. Substrate specific coverage: <1 %	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%	Silty layer on top, sand underneath, wave ripples, some boulders, many signs of infauna activity	Invertebrates:	Sand: dom. by infauna activity mostly piles from polychaetes (<1-3 %) and lugworm (< 1-2 %) and Pygospio elegans tubes (1 %); additionally a few other worms, different kinds of bivalves (incl. Mytilus spp. (<1 %)). On rocks: dom. by hydrozoans; additionally Mytilus spp., calcareous worms and polychaete tubes (type 1, video: 02:09)	<1 %			
Mud/silt (%)	10 %				Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	90 %		Overall coverage					
Gravel (%)	0%		Fish:	None	Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)
Cobbles <10 cm (%)	0%				0 %			
Boulders >10 cm (%)	<1 %		Video file id:	INV_002			Smell (Chem)	Visible species (Chem)
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:					
Mud/silt (%)					Overall coverage	Depth	Temperature	Remarks
Sand (%)			Overall coverage					
Gravel (%)			Fish:					
Cobbles <10 cm (%)								
Boulders >10 cm (%)			Video file id:			Others	QA CELA: Species added, changed sediment comp. and invertebrate coverage. Liv	

Kunde:	Energinet	Date:	2022-03-19	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	6 m/s	Station:	INV_003	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	0,3	Note:	-	55°22,768	14°37,063	42 m
ROV	Yes	Infauna	No	Chemistry	No	Expected substrate	Till/Diamicton	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	10:10:00	42.40	55°22,770	14°37,115	SNIE	CELA	LEHE	Dist. 33 m
CTDO								Dist. 6278426 m
Haps Infauna								Dist. 6278426 m
Haps Chem								Dist. 6278426 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	2	Sediment description:	Flora:	None	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	<1 %	Very mixed bottom, with gravel, sand, cobbles, silt, a few boulders and bivalve shells. Pycnocline (probably halocline) above bottom.	Invertebrates:	Dom. by hydrozoans and Arctica islandica bivalves (5-7%); additionally several anemones, common starfish (Asterias rubens), razor clam (Phaxas pellucidus), polychaete piles (>1-2%), different kinds of bivalves (incl. Mytilus spp. (>1%) and white mussels), calcareous tubes on rocks (Serpulidae), tunicates on boulder.	0 %			
Mud/silt (%)	3 %				Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	57 %		Fish:	Big goby (or juvenile of other species) (<1 %)	5-7 %			
Gravel (%)	30 %				Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)
Cobbles <10 cm (%)	10 %		Video file id:	INV_003	<1 %			
Boulders >10 cm (%)	<1 %					Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:		Overall coverage	Depth	Temperature	Remarks
Mud/silt (%)						Fish:		Overall coverage
Sand (%)			Video file id:					
Gravel (%)								
Cobbles <10 cm (%)								
Boulders >10 cm (%)								

Kunde:	Energinet	Date:	2022-03-09	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	4 m/s	Station:	INV_004	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	0,4	Note:	-	55°22,305	14°41,069	43 m
ROV	Yes	Infauna	No	Chemistry	No	Expected substrate	Till/Diamicton	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	09:05:00	43,80	55°22,339	14°41,023	SNIE	CELA	LEHE	Dist. 48 m
CTDO								Dist. 6278692 m
Haps Infauna								Dist. 6278692 m
Haps Chem								Dist. 6278692 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	1a	Sediment description:	Flora:	None	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	1 %	Silty, sandy bottom, faint wave ripples. Older tracks from fauna, perhaps clay beneath but a thick layer of silt.	Invertebrates:	Dom. by polychaetes (>1-1 %) (at least two types incl. Pygospio elegans) and different bivalves (>1 %) (incl. Arctica islandica and white mussels); additionally hydrozoans, big lugworm piles (<1 %)	0%			
Mud/silt (%)	94 %				Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	5 %		Fish:	Goby (<1 %) and a cave from fourbeard rockling, flounder tracks	<1-1 %			
Gravel (%)	0%				Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)
Cobbles <10 cm (%)	0%		Video file id:	INV_004	<1 %			
Boulders >10 cm (%)	0%					Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:		Overall coverage	Depth	Temperature	Remarks
Mud/silt (%)						Overall coverage	Others	
Sand (%)			Fish:		Overall coverage			
Gravel (%)						Video file id:		
Cobbles <10 cm (%)								
Boulders >10 cm (%)								

Kunde:	Energinet	Date:	2022-03-19	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	7 m/s	Station:	INV_005	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	0,2	Note:	-	55°22,517	14°44,313	42 m
ROV	Yes	Infauna	No	Chemistry	No	Expected substrate	Till/Diamicton	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	08:44:00	42,10	55°22,533	14°44,273	SNIE	CELA	LEHE	Dist. 31 m
CTDO								Dist. 6279532 m
Haps Infauna								Dist. 6279532 m
Haps Chem								Dist. 6279532 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	2	Sediment description:	Flora:	None	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	2 %	Sandy and silty bottom, with some coarse material and clay. Some cobbles, few larger boulders scattered evenly over area.	Invertebrates:	Dom. by polychaetes (5 %) (especially <i>Pygospio elegans</i>), bivalves (1-3 %) (incl. <i>Mytilus</i> spp. and <i>Arctica islandica</i>); additionally hydrozoans, lugworm piles (<1 %), jellyfish, common starfish (<i>Asterias rubens</i>), razor clam (<i>Phaxas pellucidus</i>). Rocks dom. by hydrozoans	0 %	Smell (Infauna)	Visible species (Infauna)	
Mud/silt (%)	60 %				Overall coverage		1-5 %	
Sand (%)	26 %		Fish:	Flounder sp., Atlantic cod (<1 %)	Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)
Gravel (%)	10 %				<1 %			
Cobbles <10 cm (%)	2 %		Video file id:	INV_005	Smell (Chem)	Visible species (Chem)		
Boulders >10 cm (%)	<1 %							
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:		Overall coverage	Depth	Temperature	Remarks
Mud/silt (%)						Fish:		Overall coverage
Sand (%)			QA CELA: Species added, invertebrate coverage increased, sediment percentages changed. Liv					
Gravel (%)			Video file id:					
Cobbles <10 cm (%)								
Boulders >10 cm (%)								

Kunde:	Energinet	Date:	2022-03-19	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	6 m/s	Station:	INV_006	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	0,3	Note:	-	55°20,906	14°34,094	45 m
ROV	Yes	Infauna	No	Chemistry	No	Expected substrate	Till/Diamicton	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	10:36:00	45,00	55°20,902	14°34,097	SNIE	CELA	LEHE	Dist. 5 m
CTDO								Dist. 6275889 m
Haps Infauna								Dist. 6275889 m
Haps Chem								Dist. 6275889 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	1a	Sediment description:	Flora:	None	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	<1	Muddy and silty bottom, faint wave ripples, a little sand	Invertebrates:	Dom. by polychaete tubes (>1-2 %) (at least two types incl. a large and thick type), bivalves (<1-2 %) (incl. <i>Arctica islandica</i> , <i>Mytilus</i> spp. and white mussels); additionally hydrozoans, small tunicates, common starfish (<i>Asterias rubens</i>), lugworm piles (<1 %)	0 %			
Mud/silt (%)	99 %				Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	1 %		Overall coverage	Fish:	Transparent fish (pelagic) (<1 %)	<1-2 %		
Gravel (%)	0%					Photo id (Chem)	Composition (Chem)	Colour (Chem)
Cobbles <10 cm (%)	0%		<1 %	Video file id:	INV_006	Smell (Chem)	Visible species (Chem)	
Boulders >10 cm (%)	0%							
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:		Overall coverage	Depth	Temperature	Remarks
Mud/silt (%)						Overall coverage	Others	QA CELA: species added, invertebrate coverage increased. Liv
Sand (%)			Overall coverage	Fish:				
Gravel (%)							Video file id:	
Cobbles <10 cm (%)								
Boulders >10 cm (%)								

Kunde:	Energinet	Date:	2022-03-18	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	10 m/s	Station:	INV_007	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	0,5	Note:	-	55°18,775	14°35,463	45 m
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Mud and sandy mud	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	20:01:00	45,40	55°18,781	14°35,443	SNIE	CELA	LEHE	Dist. 14 m
CTDO								Dist. 6273885 m
Haps Infauna	20:10:00	45,40	55°18,758	14°35,470	SNIE	CELA	LEHE	Dist. 19 m
Haps Chem								Dist. 6273885 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	1a	Sediment description:	Flora:	None	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	3 %	Silty bottom, with weak ripples, scattered shell fragments	Invertebrates:	Dom. by polychaetes (incl. <i>Pygospio elegans</i> (<1-5 %) and tubes (<1 %) and bivalves (incl. <i>Arctica islandica</i>) (<1-3 %); additionally shrimp	0 %	INF_INV_007	Mud and silt, bit of gravel, some organic material	Gray with black spots
Mud/silt (%)	94 %				Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	3 %		Fish:	Flounder sp. (<1 %), cave from fourbeard rockling	<1-5 %	Sulphur	None (shell fragments)	
Gravel (%)	0%		Video file id:	INV_007	Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)
Cobbles <10 cm (%)	0%				<1 %			
Boulders >10 cm (%)	0%					Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:		Overall coverage	Depth	Temperature	Remarks
Mud/silt (%)								
Sand (%)			Video file id:					
Gravel (%)								
Cobbles <10 cm (%)								
Boulders >10 cm (%)								

Kunde:	Energinet	Date:	2022-03-18	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	10 m/s	Station:	INV_008	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	0,5	Note:	-	55°19,819	14°39,425	44 m
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Mud and sandy mud	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	20:27:00	44,60	55°19,802	14°39,400	SNIE	CELA	LEHE	Dist. 25 m
CTDO								Dist. 6275742 m
Haps Infauna	20:35:00	44,60	55°19,810	14°39,447	SNIE	CELA	LEHE	Dist. 17 m
Haps Chem								Dist. 6275742 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	1a	Sediment description:	Flora:	None	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	1 %	Fine silty, muddy sediment, flat and homogenous, with some depressions and holes. Spots of clay.	Invertebrates:	Dom. by bivalves (<1-5 %) (incl. Astarte spp., Mytilus spp. and white mussels), polychaetes (<1-4 %) and tracks from infauna activity; additionally barnacles, common starfish (Asterias rubens), hydrozoans and lugworm piles (<1 %)	0 %	INF_INV_008	Mud and silt, a little gravel and organic material	Gray and brown with black spots
Mud/silt (%)	99 %				Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	0%		Fish:	Flounder, caves from fourbeard rockling, flounder tracks	<1-5 %	Sulphur smell	Shell fragments, some live bivalves (two kinds)	
Gravel (%)	0%				Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)
Cobbles <10 cm (%)	0%		Video file id:	INV_008	<1 %			
Boulders >10 cm (%)	0%				Smell (Chem)	Visible species (Chem)		
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:		Overall coverage	Depth	Temperature	Remarks
Mud/silt (%)						Fish:	Overall coverage	Others
Sand (%)			Video file id:					
Gravel (%)								
Cobbles <10 cm (%)								
Boulders >10 cm (%)								

Kunde:	Energinet	Date:	2022-03-19	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	7 m/s	Station:	INV_009	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	0,2	Note:	-	55°19,221	14°45,202	45 m
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Mud and sandy mud	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	08:14:00	45,00	55°19,212	14°45,190	SNIE	SNIE	LEHE	Dist. 12 m
CTDO								Dist. 6276203 m
Haps Infauna	08:19:00	45,00	55°19,231	14°45,215	SNIE	SNIE	LEHE	Dist. 14 m
Haps Chem								Dist. 6276203 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	1a	Sediment description:	Flora:	Dead eelgrass	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	<1 %	Muddy, silt, flat and homogenous	Invertebrates:	Dom. by polychaetes (1-15 %) (especially Pygospio elegans) and bivalves (<1-5 %) (incl. Astarte sp.); additionally hydrozoans, shrimp, razor clam (Phaxas pellucidus), possibly barnacles	0 %	INF_INV_009	Silt and mud, clay in bottom 40%. Some organic material	Gray and brown
Mud/silt (%)	100 %			Fish:	Goby (<1 %), caves from fourbeard rockling, flounder tracks	<1-15 %	Smell of sulphur	Visible species (Infauna) Shell fragments from bivalves
Sand (%)	0%		Video file id:	INV_009	Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)
Gravel (%)	0%				<1 %			
Cobbles <10 cm (%)	0%							
Boulders >10 cm (%)	0%							
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:					
Mud/silt (%)				Overall coverage		Depth	Temperature	Remarks
Sand (%)			Fish:		Overall coverage	Others	QA CELA: species added, invertebrate coverage increased. Liv	
Gravel (%)								
Cobbles <10 cm (%)			Video file id:					
Boulders >10 cm (%)								

Kunde:	Energinet	Date:	2022-03-19	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	8 m/s	Station:	INV_010	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	0,3	Note:	-	55°17,538	14°50,891	47 m
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Mud and sandy mud	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	12:05:00	46,90	55°17,543	14°50,898	SNIE	LEHE	CELA	Dist. 7 m
CTDO								Dist. 6275502 m
Haps Infauna	12:16:00	46,90	55°17,539	14°50,886	SNIE	LEHE	CELA	Dist. 3 m
Haps Chem								Dist. 6275502 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	1a	Sediment description:	Flora:	None	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%	Silty, flat, homogenous bottom with few indentations and tracks from fauna, current above seabed	Invertebrates:	Dom. by polychaetes (1-10 %) (possibly Pygospio elegans) and bivalves (<1-5 %); additionally hydrozoans and a shrimp	0 %	INF_INV_010	Silt on top, mud underneath, gravel and bivalve shells	Brown on top, dark brown underneath
Mud/silt (%)	100 %			Overall coverage	Smell (Infauna)	Visible species (Infauna)		
Sand (%)	0%		<1-10 %	None	Tubes from worms			
Gravel (%)	0%		Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)		
Cobbles <10 cm (%)	0%		<1 %					
Boulders >10 cm (%)	0%		Video file id:	INV_010		Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:					
Mud/silt (%)				Overall coverage	Depth	Temperature	Remarks	
Sand (%)								
Gravel (%)			Overall coverage	Others	QA CELA: species added, invertebrate coverage increased. Liv			
Cobbles <10 cm (%)								
Boulders >10 cm (%)			Video file id:					

Kunde:	Energinet	Date:	2022-03-19	Area:	Baltic Sea	Planned target			
Project:	ENOE	Wind speed (m/s)	6 m/s	Station:	INV_011	Northing	Easting	Depth	
Vessel	Skoven	Wave height (m)	0,3	Note:	-	55°16,777	14°45,732	46 m	
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Mud and sandy mud		
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance	
ROV	11:24:00	46,20	55°16,759	14°45,799	SNIE	LEHE	CELA	Dist. 47 m	
CTDO								Dist. 6273711 m	
Haps Infauna	11:32:00	46,20	55°16,791	14°45,758	SNIE	LEHE	CELA	Dist. 23 m	
Haps Chem								Dist. 6273711 m	
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition			
Sediment type:	1a	Sediment description:	Flora:	None	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)	
Clay (%)	0%	Silty, homogenous bottom, some depressions and tracks from fauna activity	Invertebrates:	Dom. by polychaetes (<1-3 %) and bivalves (<1-3 %) (especially Arctica islandica, but also white mussels); additionally hydrozoans and lugworm piles (<1 %)	0 %	INF_INV_011	Silt on top of mud, muddy clay in the bottom, shells and fragments	Brown on top, grey/ black underneath, light grey in bottom	
Mud/silt (%)	100 %				Overall coverage	Smell (Infauna)	Visible species (Infauna)		
Sand (%)	0%		Fish:	Flounder tracks, caves from fourbeard rockling	<1-3 %	Strong smell of sulfur	Astarte sp. (3 cm) and another smaller bivalve		
Gravel (%)	0%				Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)	
Cobbles <10 cm (%)	0%				0 %				
Boulders >10 cm (%)	0%		Video file id:	INV_011			Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)			
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity	
Clay (%)			Invertebrates:		Overall coverage	Depth	Temperature	Remarks	
Mud/silt (%)									Fish:
Sand (%)									
Gravel (%)									
Cobbles <10 cm (%)									
Boulders >10 cm (%)			Video file id:						

Kunde:	Energinet	Date:	2022-03-18	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	8 m/s	Station:	INV_012	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	0,5	Note:	-	55°16,969	14°38,275	45 m
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Mud and sandy mud	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	19:36:00	45,50	55°16,972	14°38,217	SNIE	CELA	LEHE	Dist. 37 m
CTDO								Dist. 6272499 m
Haps Infauna	19:44:00	45,50	55°16,954	14°38,293	SNIE	CELA	LEHE	Dist. 20 m
Haps Chem								Dist. 6272499 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	1a	Sediment description:	Flora:	None	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	3 %	Silty muddy bottom with many depressions, flounder tracks	Invertebrates:	Dom. by polychaetes (<1-5 %) (especially Pygospio elegans?), bivalves (<1-1 %) (especially Arctica islandica, but also white mussels), hydrozoans	0 %	INF_INV_012	Silt and mud. Organic material	Dark gray and black
Mud/silt (%)	97 %				Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	0%		1-5 %	Ssulphur	Shell fragments, one live bivate,			
Gravel (%)	0%		Fish:	Cod, European flounder (<1 %) and flounder tracks	Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)
Cobbles <10 cm (%)	0%		<1 %					
Boulders >10 cm (%)	0%		Video file id:	INV_012		Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:		Overall coverage	Depth	Temperature	Remarks
Mud/silt (%)					Overall coverage			
Sand (%)			Fish:		Overall coverage	Others	QA CELA: species added, increased invertebrate coverage. Liv	
Gravel (%)								
Cobbles <10 cm (%)			Video file id:					
Boulders >10 cm (%)								

Kunde:	Energinet	Date:	2022-03-18	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	10 m/s	Station:	INV_013	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	0,4	Note:	-	55°16,532	14°31,126	46 m
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Mud and sandy mud	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	19:03:00	46,70	55°16,506	14°31,171	SNIE	CELA	LEHE	Dist. 41 m
CTDO								Dist. 6270685 m
Haps Infauna	19:15:00	46,70	55°16,516	14°31,158	SNIE	CELA	LEHE	Dist. 27 m
Haps Chem								Dist. 6270685 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	1a	Sediment description:	Flora:	None	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	1 %	Silty bottom, homogenous and flat, few tracks from fauna	Invertebrates:	Dom. by bivalves (<1-1 %) (especially Arctica islandica but also white mussels), polychaetes (<1 %), shrimp	0%	INF_INV_13	Mud, silt, clay in bottom, organic material	Dark gray to black
Mud/silt (%)	99 %				Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	0%		<1-1 %	Strong sulphur	Shell fragments, and one bivalve			
Gravel (%)	0%		Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)		
Cobbles <10 cm (%)	0%		<1 %					
Boulders >10 cm (%)	0%		Video file id:	INV_013	Smell (Chem)	Visible species (Chem)		
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:		Overall coverage	Depth	Temperature	Remarks
Mud/silt (%)								
Sand (%)			Overall coverage	Others QA CELA: named the flat fish, increased invertebrate coverage slightly, added species. Liv				
Gravel (%)								
Cobbles <10 cm (%)			Video file id:					
Boulders >10 cm (%)								

Kunde:	Energinet	Date:	2022-03-18	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	8 m/s	Station:	INV_014	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	0,3	Note:	-	55°14,298	14°28,384	47 m
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Mud and sandy mud	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	17:26:00	47,40	55°14,287	14°28,406	SNIE	LEHE	CELA	Dist. 18 m
CTDO								Dist. 6267796 m
Haps Infauna	17:35:00	47,40	55°14,292	14°28,380	SNIE	LEHE	CELA	Dist. 7 m
Haps Chem								Dist. 6267796 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	1a	Sediment description:	Flora:	Floating eelgrass	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	2 %	Silty bottom, flat and homogenous, a few depressions and signs of fauna activity	Invertebrates:	Dom. by Arctica islandica bivalves (2-15 %), infauna activity especially holes from polychaetes (<1-1 %) and hydrozoans; additionally at least one other species of bivalve and shrimps	0 %	INF_INV_014	Mud, some silt and a little clay in the bottom, shell fragments	Dark grey to blackish
Mud/silt (%)	98 %				Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	0%		<1-15 %	Sulfur smell	Two closed bivalves assumed alive			
Gravel (%)	0%		Fish:	Flounder sp. (after video) (<1 %), flounder tracks	Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)
Cobbles <10 cm (%)	0%				<1 %			
Boulders >10 cm (%)	0%		Video file id:	INV_014		Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:					
Mud/silt (%)					Overall coverage	Depth	Temperature	Remarks
Sand (%)								
Gravel (%)			Fish:		Overall coverage	Others	QA CELA: Infauna coverage increased, species added. Liv	
Cobbles <10 cm (%)								
Boulders >10 cm (%)			Video file id:					

Kunde:	Energinet	Date:	2022-03-18	Area:	Baltic Sea	Planned target			
Project:	ENOE	Wind speed (m/s)	6 m/s	Station:	INV_015	Northing	Easting	Depth	
Vessel	Skoven	Wave height (m)	0,4	Note:	-	55°14,895	14°33,340	46 m	
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Mud and sandy mud		
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance	
ROV	18:40:00	46,70	55°14,879	14°33,322	SNIE	CELA	LEHE	Dist. 21 m	
CTDO								Dist. 6269364 m	
Haps Infauna	18:48:00	46,70	55°14,886	14°33,367	SNIE	CELA	LEHE	Dist. 20 m	
Haps Chem								Dist. 6269364 m	
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition			
Sediment type:	1a	Sediment description:	Flora:	None	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)	
Clay (%)	1 %	Fine silty bottom, flat and homogenous except for fauna tracks	Invertebrates:	Dom. by bivalves (1-5 %) (incl. Arctica islandica); additionally a few tubes from worms (<1 %), hydrozoans barnacles and shrimps	0 %	INF_INV_015	Silt on top with black spots, then silt, clay at bottom	Brownish on top, then gray with black spots	
Mud/silt (%)	99 %				Overall coverage	Smell (Infauna)	Visible species (Infauna)		
Sand (%)	0%		1-5 %	Slight sulphur	Shell fragments				
Gravel (%)	0%		Fish:	Flounder tracks	Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)	
Cobbles <10 cm (%)	0%				0 %				
Boulders >10 cm (%)	0%		Video file id:	INV_015			Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)			
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity	
Clay (%)			Invertebrates:		Overall coverage	Depth	Temperature	Remarks	
Mud/silt (%)									
Sand (%)			Fish:		Overall coverage	Others QA CELA: Bivalve percentages added, infauna coverage increased. Liv			
Gravel (%)									
Cobbles <10 cm (%)			Video file id:						
Boulders >10 cm (%)									

Kunde:	Energinet	Date:	2022-03-11	Area:	Baltic Sea	Planned target			
Project:	ENOE	Wind speed (m/s)	11 m/s	Station:	INV_016	Northing	Easting	Depth	
Vessel	Skoven	Wave height (m)	1,0 m	Note:	-	55°15,169	14°42,475	44 m	
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Mud and sandy mud		
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance	
ROV	18:36:00	46,50	55°15,178	14°42,493	SNIE	CELA	PEPE	Dist. 15 m	
CTDO								Dist. 6271386 m	
Haps Infauna	18:43:00	46,50	55°15,184	14°42,492	SNIE	CELA	PEPE	Dist. 20 m	
Haps Chem								Dist. 6271386 m	
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition			
Sediment type:	1a	Sediment description:	Flora:	None	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)	
Clay (%)	0%	Flat and soft muddy silty bottom	Invertebrates:	Dom. by polychaetes incl. tubes (<1-5 %) (incl. Pygospio elegans) and bivalves (incl. Astarte spp.) (<1-2 %), additionally shrimps, large hydrozoans and lugworm piles (<1 %)	0 %	INV_016	Silty bottom, some organic material	Grey, black top layer (8-10 cm)	
Mud/silt (%)	100 %				Overall coverage	Smell (Infauna)	Visible species (Infauna)		
Sand (%)	0%		<1-5 %	Smell of sulfur	Bivalve				
Gravel (%)	0%		Fish:	Flounder tracks, goby (<1 %)	Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)	
Cobbles <10 cm (%)	0%				<1 %				
Boulders >10 cm (%)	0%		Video file id:	INV_016	Smell (Chem)	Visible species (Chem)			
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)			
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity	
Clay (%)			Invertebrates:						
Mud/silt (%)					Overall coverage	Depth	Temperature	Remarks	
Sand (%)									
Gravel (%)			Fish:		Overall coverage	Others	QA: PEPE, Liv		
Cobbles <10 cm (%)									
Boulders >10 cm (%)			Video file id:						

Kunde:	Energinet	Date:	2022-03-19	Area:	Baltic Sea	Planned target			
Project:	ENOE	Wind speed (m/s)	6 m/s	Station:	INV_017	Northing	Easting	Depth	
Vessel	Skoven	Wave height (m)	0,3	Note:	-	55°14,873	14°53,010	46 m	
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Mud and sandy mud		
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance	
ROV	12:35:00	46,00	55°14,853	14°53,049	SNIE	LEHE	CELA	Dist. 33 m	
CTDO								Dist. 6273081 m	
Haps Infauna	12:45:00	46,00	55°14,872	14°53,016	SNIE	LEHE	CELA	Dist. 4 m	
Haps Chem								Dist. 6273081 m	
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition			
Sediment type:	1a	Sediment description:	Flora:	Dead eelgrass	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)	
Clay (%)	1 %	Flat, silty bottom with depressions from fauna activity, fine sediment. Locally with lumps. Shell fragments. Current above seabed	Invertebrates:	Dom. by polychaete tubes and holes (<1-10 %) and bivalves (1-7 %) (especially Astarte spp. but also white mussels); additionally barnacles	0 %	INF_INV_017	Smooth mud and a little silt	Grey	
Mud/silt (%)	99 %				Overall coverage	Smell (Infauna)	Visible species (Infauna)		
Sand (%)	0%		Fish:	Flounder tracks	<1-10 %	None	Polychaetes, two types of bivalves		
Gravel (%)	0%				Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)	
Cobbles <10 cm (%)	0%				0 %				
Boulders >10 cm (%)	0%		Video file id:	INV_017			Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)			
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity	
Clay (%)			Invertebrates:		Overall coverage	Depth	Temperature	Remarks	
Mud/silt (%)					Overall coverage				
Sand (%)			Fish:		Overall coverage	Others	QA CELA: Percentages added to invertebrate species, invrtebrate coverage increased. Liv		
Gravel (%)					Overall coverage				
Cobbles <10 cm (%)									
Boulders >10 cm (%)			Video file id:						

Kunde:	Energinet	Date:	2022-03-19	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	5 m/s	Station:	INV_018	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	0,3	Note:	-	55°14,398	14°58,008	44 m
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Muddy sand	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	13:05:00	44,70	55°14,386	14°57,976	SNIE	LEHE	CELA	Dist. 25 m
CTDO								Dist. 6273536 m
Haps Infauna	13:16:00	44,70	55°14,403	14°58,004	SNIE	LEHE	CELA	Dist. 6 m
Haps Chem								Dist. 6273536 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	1a	Sediment description:	Flora:	Dead eelgrass	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	1 %	Flat, silty bottom with small wave ripples	Invertebrates:	Dom. by polychaetes incl. tubes (1-8 %) (e.g. Pygospio elegans) and bivalves (incl. Arctica islandica and a few white mussels); additionally lugworm piles incl. some very large (<1 %).	0 %	INF_INV_018	Mud and silt, bivalve shells	Brown on top, grey underneath
Mud/silt (%)	99 %				Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	0%		1-8 %	None	Worms and worm tubes			
Gravel (%)	0%		Fish:	Flounder tracks	Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)
Cobbles <10 cm (%)	0%				0 %			
Boulders >10 cm (%)	0%		Video file id:	INV_018			Smell (Chem)	Visible species (Chem)
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:		Overall coverage	Depth	Temperature	Remarks
Mud/silt (%)								
Sand (%)			Fish:		Overall coverage	Others QA: PEPE, Liv		
Gravel (%)								
Cobbles <10 cm (%)			Video file id:					
Boulders >10 cm (%)								

Kunde:	Energinet	Date:	2022-03-19	Area:	Baltic Sea	Planned target			
Project:	ENOE	Wind speed (m/s)	6 m/s	Station:	INV_019	Northing	Easting	Depth	
Vessel	Skoven	Wave height (m)	0,3	Note:	-	55°12,231	14°58,525	42 m	
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Muddy sand		
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance	
ROV	13:32:00	42,00	55°12,248	14°58,516	LEHE (SNIE on the side)	SNIE	CELA	Dist. 20 m	
CTDO								Dist. 6271338 m	
Haps Infauna	13:42:00	42,00	55°12,237	14°58,535	LEHE (SNIE on the side)	SNIE	CELA	Dist. 10 m	
Haps Chem								Dist. 6271338 m	
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition			
Sediment type:	1a	Sediment description:	Flora:	Dead eelgrass	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)	
Clay (%)	2 %	Silty bottom with a little sand. Shallow ripples. Tracks from fauna activity. Current above seabed.	Invertebrates:	Dom. by polychaetes (2-15 %), bivalves (<1-2 % (incl. Arctica islandica and few white mussels); additionally large lugworm piles (<1 %), hydrozoans and common starfish (Asterias rubens) (seen after video)	0 %	INF_INV_019	Silt and a little gravel, bivalve shells	Brown on top, grey	
Mud/silt (%)	88 %		Fish:	Gobies (<1 %)	Overall coverage	Smell (Infauna)	Visible species (Infauna)		
Sand (%)	10 %		Video file id:	INV_019	2-15 %	None	Worms and tubes, a bivalve		
Gravel (%)	0%				Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)	
Cobbles <10 cm (%)	0%				<1 %				
Boulders >10 cm (%)	0%					Smell (Chem)	Visible species (Chem)		
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)			
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity	
Clay (%)			Invertebrates:		Overall coverage	Depth	Temperature	Remarks	
Mud/silt (%)			Fish:		Overall coverage	Others	QA CELA: species added, invertebrate coverage increased. Liv		
Sand (%)			Video file id:						
Gravel (%)									
Cobbles <10 cm (%)									
Boulders >10 cm (%)									

Kunde:	Energinet	Date:	2022-03-11	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	11 m/s	Station:	INV_020	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	1,0 m	Note:	ROV lagged a lot so video quality is bad	55°12,247	14°50,956	47 m
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Mud and sandy mud	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	17:25:00	45,30	55°12,236	14°50,931	MILS	SNIE	SEWE	Dist. 20 m
CTDO								Dist. 6269904 m
Haps Infauna	17:37:00	45,30	55°12,238	14°50,945	CELA	SNIE	SEWE	Dist. 12 m
Haps Chem								Dist. 6269904 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	1a	Sediment description:	Flora:	None	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%	Muddy / silty bottom, flat and soft	Invertebrates:	Dom. By few worm tubes from polychaetes (<1 %)	0 %	INF_INV_020	Silty mud, organic material	Brown / grey
Mud/silt (%)	100 %				Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	0%		<1 %	Sulfur	Worms, white mussel			
Gravel (%)	0%		Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)		
Cobbles <10 cm (%)	0%		0 %					
Boulders >10 cm (%)	0%		Video file id:	INV_020		Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:		Overall coverage	Depth	Temperature	Remarks
Mud/silt (%)								
Sand (%)			Overall coverage	Others QA: PEPE, Liv				
Gravel (%)								
Cobbles <10 cm (%)								
Boulders >10 cm (%)			Video file id:					

Kunde:	Energinet	Date:	2022-03-11	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	11 m/s	Station:	INV_021	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	1,0 m	Note:	-	55°13,313	14°47,368	43 m
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Mud and sandy mud	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	18:07:00	46,70	55°13,304	14°47,351	MILS	SNIE	PEPE	Dist. 15 m
CTDO								Dist. 6270349 m
Haps Infauna	18:13:00	46,70	55°13,294	14°47,368	MILS	SNIE	PEPE	Dist. 22 m
Haps Chem								Dist. 6270349 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	1a	Sediment description:	Flora:	None	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%	Muddy bottom, soft and flat, some indentations and a lot of tracks from faunal activity, might be clay underneath silt/mud	Invertebrates:	Dom. by infauna activity mainly bivalves (<1-3 %) (incl. Arctica islandica and white bivalve shells) and polychaete tubes (<1-2 %) (incl. Pygospio elegans) and piles/holes (<1 %); additionally several hydrozoans and a shrimp	0 %	INF_INV_021	Silt, pudding structure	Grey, black
Mud/silt (%)	100 %				Overall coverage	Smell (Infauna)	Visible species (Infauna) some organic material.	
Sand (%)	0%		Fish:	Sand goby, european flounder (<1 %) and flounder tracks	<1-3 %	Smell of sulphur	Shells from bivalves	
Gravel (%)	0%		Video file id:	INV_021	Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)
Cobbles <10 cm (%)	0%				<1 %			
Boulders >10 cm (%)	0%					Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:		Overall coverage	Depth	Temperature	Remarks
Mud/silt (%)						Overall coverage	Others	QA CELA: species added, invertebrate coverage changed to interval, sediment description changed etc. Liv
Sand (%)								
Gravel (%)			Fish:					
Cobbles <10 cm (%)			Video file id:					
Boulders >10 cm (%)								

Kunde:	Energinet	Date:	2022-03-11	Area:	Baltic Sea	Planned target			
Project:	ENOE	Wind speed (m/s)	11 m/s	Station:	INV_022	Northing	Easting	Depth	
Vessel	Skoven	Wave height (m)	1,0 m	Note:	-	55°13,615	14°38,823	41 m	
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Mud and sandy mud		
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance	
ROV	19:03:00	46,40	55°13,618	14°38,858	SNIE	CELA	PEPE	Dist. 22 m	
CTDO								Dist. 6269044 m	
Haps Infauna	19:11:00	46,40	55°13,619	14°38,825	SNIE	CELA	PEPE	Dist. 5 m	
Haps Chem								Dist. 6269044 m	
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition			
Sediment type:	1a	Sediment description:	Flora:	None	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)	
Clay (%)	0%	Silty muddy bottom, flat and soft	Invertebrates:	Dom. by infaunal activity incl. holes and small piles of polychaetes (1-4 %) and some Arctica islandica bivalves (1-3 %); additionally shrimp sp. (<1 %), hydrozoans (<1 %), a quite big bivalve shell (possible Arctica islandica).	0 %	INF_INV_022	Mud , silt, some organic material.	Dark grey	
Mud/silt (%)	100 %				Overall coverage	Smell (Infauna)	Visible species (Infauna)		
Sand (%)	0%		1-4 %	Smell of sulfur	Shells from bivalve				
Gravel (%)	0%		Overall coverage	Fish:	Flounder tracks	Photo id (Chem)	Composition (Chem)	Colour (Chem)	
Cobbles <10 cm (%)	0%			0 %					
Boulders >10 cm (%)	0%		Video file id:	INV_022			Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)			
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity	
Clay (%)			Invertebrates:		Overall coverage	Depth	Temperature	Remarks	
Mud/silt (%)						Overall coverage	Others		
Sand (%)			Overall coverage	Fish:					
Gravel (%)				Video file id:					
Cobbles <10 cm (%)									
Boulders >10 cm (%)									

Kunde:	Energinet	Date:	2022-03-18	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	6 m/s	Station:	INV_023	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	0,2	Note:	-	55°12,205	14°31,978	47 m
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Mud and sandy mud	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	18:10:00	47,30	55°12,182	14°32,005	SNIE	CELA	LEHE	Dist. 30 m
CTDO								Dist. 6266251 m
Haps Infauna	18:18:00	47,30	55°12,176	14°31,978	SNIE	CELA	LEHE	Dist. 32 m
Haps Chem								Dist. 6266251 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	1a	Sediment description:	Flora:	None	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	1 %	Fine, silty and homogenous bottom, some tracks scattered across area. Fragments from bivalves	Invertebrates:	Dom. by infauna activity, bivalves spp. (<1-1 % (at least two species) and a few hydrozoans (incl. Sertularia supressina, whiteweed).	0 %	INF_INV_23	Layer of silt on top, then mud, then clay and silt. A little gravel	Light brown on top, then dark gray
Mud/silt (%)	99 %		Fish:	Caves from fourbeard rockling and flounder tracks	Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	0%				<1-1 %	None	Bivalves	
Gravel (%)	0%				Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)
Cobbles <10 cm (%)	0%				0 %			
Boulders >10 cm (%)	0%				Video file id:	INV_23	Smell (Chem)	Visible species (Chem)
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:		Overall coverage	Depth	Temperature	Remarks
Mud/silt (%)			Fish:		Overall coverage	Others QA CELA: invertebrate coverage changed to interval, sediment description modified etc. Liv		
Sand (%)								
Gravel (%)								
Cobbles <10 cm (%)								
Boulders >10 cm (%)								

Kunde:	Energinet	Date:	2022-03-18	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	8 m/s	Station:	INV_024	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	0,3	Note:	-	55°12,973	14°24,039	47 m
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Mud and sandy mud	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	17:02:00	47,50	55°12,979	14°24,058	SNIE	LEHE	CELA	Dist. 14 m
CTDO								Dist. 6265571 m
Haps Infauna	17:09:00	47,50	55°12,971	14°24,043	SNIE	LEHE	CELA	Dist. 3 m
Haps Chem								Dist. 6265571 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	1a	Sediment description:	Flora:	None	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	2 %	Silty bottom, clay underneath, flat and homogeonous	Invertebrates:	Dom. by small bivalves upon the sediment (1-3 %) and holes made by bivalves or polychaetes; additionally hydrozoans (<1 %) , shrimps (<1 %)	0 %	INF_INV_024	Mud and a little clay at the bottom, bivalve shells	Dark grey
Mud/silt (%)	98 %				Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	0%		1-3 %	Moderate sulfur	Two bivalves			
Gravel (%)	0%		Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)		
Cobbles <10 cm (%)	0%		0 %					
Boulders >10 cm (%)	0%		Video file id:	INV_024		Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:		Overall coverage	Depth	Temperature	Remarks
Mud/silt (%)								
Sand (%)			Overall coverage	Others QA: PEPE, Liv				
Gravel (%)								
Cobbles <10 cm (%)			Video file id:					
Boulders >10 cm (%)								

Kunde:	Energinet	Date:	2022-03-18	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	6 m/s	Station:	INV_025	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	0,2	Note:	-	55°11,304	14°21,979	47 m
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Mud and sandy mud	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	16:40:00	47,80	55°11,307	14°21,942	SNIE	LEHE	CELA	Dist. 24 m
CTDO								Dist. 6263411 m
Haps Infauna	16:47:00	47,80	55°11,305	14°21,973	SNIE	LEHE	CELA	Dist. 4 m
Haps Chem								Dist. 6263411 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	1a	Sediment description:	Flora:	None	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	1 %	Silty bottom, homogenous and flat, some tracks and depressions from infauna activity	Invertebrates:	Dom. by infuna activity such as tracks and holes (from bivalves or polychaetes); additionally bivalves spp. (<1 %), shrimps (<1 %), hydrozoans (<1 %), white shell fragments	0 %	INF_INV_025	Mud with clay in the bottom, big bivalve shells (up to 5 cm)	Dark grey
Mud/silt (%)	99 %			Fish:	Transparent, pelagic fish (<1 %), flounder tracks	Overall coverage	Smell (Infauna)	Visible species (Infauna)
Sand (%)	0%		<1 %			Strong sulphur	One bivalve	
Gravel (%)	0%		Video file id:	INV_025	Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)
Cobbles <10 cm (%)	0%				<1 %			
Boulders >10 cm (%)	0%					Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:					
Mud/silt (%)				Fish:		Overall coverage	Depth	Temperature
Sand (%)								
Gravel (%)			Video file id:		Overall coverage	Others	QA CELA: Species added. Liv	
Cobbles <10 cm (%)								
Boulders >10 cm (%)								

Kunde:	Energinet	Date:	2022-03-18	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	5 m/s	Station:	INV_026	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	0,2	Note:	-	55°10,979	14°26,356	48 m
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Mud and sandy mud	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	16:15:00	48,10	55°10,957	14°26,376	SNIE	LEHE	CELA	Dist. 27 m
CTDO								Dist. 6263889 m
Haps Infauna	16:23:00	48,10	55°10,970	14°26,345	SNIE	LEHE	CELA	Dist. 12 m
Haps Chem								Dist. 6263889 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	1a	Sediment description:	Flora:	None	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	1 %	Silty bottom, homogenous, current	Invertebrates:	Dom. by few bivalves (1%), and few tubes and holes from polychaetes (1 %); additionally shrimps (<1%), and hydrozoans (<1%)	0 %	INF_INV_026	Mud and silt, with some gravel, bivalve shells and organic material	Light grey
Mud/silt (%)	99 %				Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	0%		<1-1 %	Moderate phosphorous	None			
Gravel (%)	0%		Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)		
Cobbles <10 cm (%)	0%		<1 %					
Boulders >10 cm (%)	0%		Video file id:	INV_026		Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:		Overall coverage	Depth	Temperature	Remarks
Mud/silt (%)								
Sand (%)			Overall coverage	Others QA: PEPE, Liv				
Gravel (%)								
Cobbles <10 cm (%)								
Boulders >10 cm (%)			Video file id:					

Kunde:	Energinet	Date:	2022-03-18	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	9 m/s	Station:	INV_027	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	1,0 m	Note:	-	55°11,866	14°36,825	41 m
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Mud and sandy mud	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	19:28:00	47,20	55°11,861	14°36,833	SNIE	CELA	PEPE	Dist. 7 m
CTDO								Dist. 6266808 m
Haps Infauna	19:35:00	47,20	55°11,857	14°36,803	SNIE	CELA	PEPE	Dist. 17 m
Haps Chem								Dist. 6266808 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	1a	Sediment description:	Flora:	None	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%	Silty, muddy bottom, flat and soft, shell fragments	Invertebrates:	Dom. by infauna activity incl. holes and tracks from bivalves and polychaetes; additionally polychaete tubes (<1-1 %), Arctica islandica (<1 %), bivalves spp. (<1-1 %)	0 %	INF_INV_027	Mud, silt	Grey/black
Mud/silt (%)	100 %				Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	0%		<1-1 %	Moderate sulfur	Bivalve			
Gravel (%)	0%		Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)		
Cobbles <10 cm (%)	0%		<1 %					
Boulders >10 cm (%)	0%		Video file id:	INV_027		Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:		Overall coverage	Depth	Temperature	Remarks
Mud/silt (%)								
Sand (%)			Overall coverage	Others QA CELA: Species added and invertebrate coverage changed to interval. Liv				
Gravel (%)								
Cobbles <10 cm (%)								
Boulders >10 cm (%)			Video file id:					

Kunde:	Energinet	Date:	2022-03-19	Area:	Baltic Sea	Planned target			
Project:	ENOE	Wind speed (m/s)	6 m/s	Station:	INV_028	Northing	Easting	Depth	
Vessel	Skoven	Wave height (m)	0,3	Note:	-	55°09,731	14°47,713	43 m	
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Mud and sandy mud		
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance	
ROV	14:40:00	45,10	55°09,740	14°47,698	SNIE	CELA	LEHE	Dist. 14 m	
CTDO								Dist. 6266615 m	
Haps Infauna	14:49:00	45,10	55°09,733	14°47,712	SNIE	CELA	LEHE	Dist. 3 m	
Haps Chem								Dist. 6266615 m	
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition			
Sediment type:	1a	Sediment description:	Flora:	None	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)	
Clay (%)	2 %	Silty and muddy bottom, homogenous and flat, bits of clay, indentations and holes and tracks from fauna	Invertebrates:	Dom. by holes and small tubes from polychaetes (1-2%), and possible bivalves (<1%); additionally a red polychaete (Scoloplos armiger).	0 %	INF_INV_028	Silt on to, mud underneath, 50% clay	Brown on top, then gray	
Mud/silt (%)	98 %		Fish:	Flounder (<1 %), flounder tracks	<1-2 %	None	Visible species (Infauna)		
Sand (%)	0%		Video file id:	INV_028	<1 %		Photo id (Chem)	Composition (Chem)	Colour (Chem)
Gravel (%)	0%								
Cobbles <10 cm (%)	0%								
Boulders >10 cm (%)	0%								
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)			
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity	
Clay (%)			Invertebrates:		Overall coverage	Depth	Temperature	Remarks	
Mud/silt (%)			Fish:						
Sand (%)			Video file id:						
Gravel (%)									
Cobbles <10 cm (%)									
Boulders >10 cm (%)									
						Others	QA: PEPE, Liv		

Kunde:	Energinet	Date:	2022-03-11	Area:	Baltic Sea	Planned target			
Project:	ENOE	Wind speed (m/s)	10 m/s	Station:	INV_029	Northing	Easting	Depth	
Vessel	Skoven	Wave height (m)	1,0 m	Note:	-	55°10,598	14°54,651	44 m	
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Muddy sand		
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance	
ROV	17:00:00	44,90	55°10,583	14°54,666	MILS	CELA	SEWE	Dist. 20 m	
CTDO								Dist. 6268864 m	
Haps Infauna	17:10:00	44,90	55°10,584	14°54,653	CELA	CELA	SEWE	Dist. 16 m	
Haps Chem								Dist. 6268864 m	
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition			
Sediment type:	1a	Sediment description:	Flora:	None	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)	
Clay (%)	0%	Sandy substrate with silt, sand worm piles, shell fragments	Invertebrates:	Dom. by infauna activity such as holes and lugworm piles (some are very large) (<1-1 %); additionally polychaete tubes (<1 %) (incl. Pygospio elegans, but at least two species), white shell fragments	0 %	INF_INV_029	Shell fragments, silt, not much sand, a bit of gravel, organic material	Black, grey	
Mud/silt (%)	100 %				<1-1 %	Moderate sulfur	None		
Sand (%)	0%		Fish:	None	Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)	
Gravel (%)	0%				0 %				
Cobbles <10 cm (%)	0%		Video file id:	INV_029	Smell (Chem)	Visible species (Chem)			
Boulders >10 cm (%)	0%								
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)			
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity	
Clay (%)			Invertebrates:		Overall coverage	Depth	Temperature	Remarks	
Mud/silt (%)									
Sand (%)			Fish:		Overall coverage	Others	QA CELA: Species added, invertebrate coverage changed to interval and sediment composition changed. Liv		
Gravel (%)									
Cobbles <10 cm (%)			Video file id:						
Boulders >10 cm (%)									

Kunde:	Energinet	Date:	2022-03-19	Area:	Baltic Sea	Planned target			
Project:	ENOE	Wind speed (m/s)	8 m/s	Station:	INV_030	Northing	Easting	Depth	
Vessel	Skoven	Wave height (m)	0,3	Note:	-	55°11,427	14°61,862	36 m	
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Sand		
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance	
ROV	13:57:00	36,00	55°11,418	14°61,847	SNIE	SNIE	CELA	Dist. 14 m	
CTDO								Dist. 6271129 m	
Haps Infauna	14:05:00	36,00	55°11,430	14°61,852	SNIE	SNIE	CELA	Dist. 7 m	
Haps Chem								Dist. 6271129 m	
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition			
Sediment type:	1b	Sediment description:	Flora:	None	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)	
Clay (%)	0%	Silty, sandy bottom with distinct wave ripples and few boulders	Invertebrates:	Dom. by lugworm piles (2-10 %), and Pygospio elegans tubes (5-15 %), mytilus (<1 %). Rock: dom. by Mytilus spp (50 %) with barnacles (2 %), hydrozoans (5%), lions mane jellyfishes (<1 %)	0 %	INF_INV_030	Fine sand	Sand	
Mud/silt (%)	20 %				Overall coverage	Smell (Infauna)	Visible species (Infauna)		
Sand (%)	80 %		5-15 %	None	Worms, a bivalve				
Gravel (%)	0%		Fish:	None	Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)	
Cobbles <10 cm (%)	0%				0 %				
Boulders >10 cm (%)	<1 %		Video file id:	INV_030		Smell (Chem)	Visible species (Chem)		
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)			
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity	
Clay (%)			Invertebrates:		Overall coverage	Depth	Temperature	Remarks	
Mud/silt (%)					Overall coverage	Others			QA: PEPE, Liv
Sand (%)			Fish:		Overall coverage				
Gravel (%)					Video file id:				
Cobbles <10 cm (%)									
Boulders >10 cm (%)									

Kunde:	Energinet	Date:	2022-03-11	Area:	Baltic Sea	Planned target			
Project:	ENOE	Wind speed (m/s)	11 m/s	Station:	INV_031	Northing	Easting	Depth	
Vessel	Skoven	Wave height (m)	1,1 m	Note:	-	55°08,489	14°61,339	31 m	
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Sand		
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance	
ROV	16:08:00	29,30	55°08,488	14°61,352	MILS	CELA	SEWE	Dist. 8 m	
CTDO								Dist. 6267915 m	
Haps Infauna	16:15:00	29,30	55°08,484	14°61,358	CELA	CELA	SEWE	Dist. 13 m	
Haps Chem								Dist. 6267915 m	
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition			
Sediment type:	1b	Sediment description:	Flora:	None	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)	
Clay (%)	0%	Sand bottom with a little silt, fine to medium grained sand, irregular wave ripples, shell fragments from white bivalves	Invertebrates:	Dom. by infauna activity incl. tracks, lugworm piles (<1 %) and tubes from polychaetes (<1-5 %) (especially Pygospio elegans (<1-4 %), but at least two species); additionally blue mussels (clusters) (<1 %) and singular, juvenile blue mussels, bryozoans (<1 %)	0 %	INF_INV_031	Fine sand and some fine black material (probably mussel shells), organic material	Sand colour	
Mud/silt (%)	5 %			Overall coverage	Smell (Infauna)	Visible species (Infauna)			
Sand (%)	95 %		<1-5 %	None	Pygospio elegans worms				
Gravel (%)	0%		Overall coverage	Fish:	Flounder tracks	Photo id (Chem)	Composition (Chem)	Colour (Chem)	
Cobbles <10 cm (%)	0%			0 %					
Boulders >10 cm (%)	0%		Video file id:	INV_031			Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)			
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity	
Clay (%)			Invertebrates:						
Mud/silt (%)				Overall coverage		Depth	Temperature	Remarks	
Sand (%)									
Gravel (%)			Overall coverage						
Cobbles <10 cm (%)				Fish:		Others	QA CELA: Species added, invertebrate coverage changed to interval, sediment composition changed and details added to sediment description. Liv		
Boulders >10 cm (%)			Video file id:						

Kunde:	Energinet	Date:	2022-03-11	Area:	Baltic Sea	Planned target			
Project:	ENOE	Wind speed (m/s)	12 m/s	Station:	INV_032	Northing	Easting	Depth	
Vessel	Skoven	Wave height (m)	1,1 m	Note:	-	55°09,111	14°57,947	39 m	
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Sand		
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance	
ROV	16:30:00	39,50	55°09,102	14°57,976	MILS	CELA	SEWE	Dist. 21 m	
CTDO								Dist. 6267920 m	
Haps Infauna	16:40:00	39,50	55°09,091	14°57,923	CELA	CELA	SEWE	Dist. 26 m	
Haps Chem								Dist. 6267920 m	
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition			
Sediment type:	1b	Sediment description:	Flora:	Maybe diatoms on the sediment, drifting eel grass,	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)	
Clay (%)	0%	Sandy substrate with irregular wave ripples, fine grained sand	Invertebrates:	Dom. by polychaetes incl. Pygospio elegans tubes (20-30 %) and lugworm piles (10-40 %)	0 %	INF_INV_032	Silt and sand, shell fragments	Greyish and black and sand colour	
Mud/silt (%)	50 %				Overall coverage	Smell (Infauna)	Visible species (Infauna)		
Sand (%)	50 %		10-40 %	Moderate Sulphur	A lot of worms, mussels (maybe Macoma)				
Gravel (%)	0%		Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)			
Cobbles <10 cm (%)	0%					0 %			
Boulders >10 cm (%)	0%		Video file id:	INV_032		Smell (Chem)	Visible species (Chem)		
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)			
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity	
Clay (%)			Invertebrates:		Overall coverage	Depth	Temperature	Remarks	
Mud/silt (%)									
Sand (%)			Overall coverage	Fish:			Others QA: PEPE, Liv		
Gravel (%)									
Cobbles <10 cm (%)			Video file id:						
Boulders >10 cm (%)									

Kunde:	Energinet	Date:	2022-03-11	Area:	Baltic Sea	Planned target			
Project:	ENOE	Wind speed (m/s)	11 m/s	Station:	INV_033	Northing	Easting	Depth	
Vessel	Skoven	Wave height (m)	1,2 m	Note:	-	55°06,809	14°58,522	36 m	
ROV	Yes	Infauna	No	Chemistry	No	Expected substrate	Sand		
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance	
ROV	15:08:00	36,10	55°06,813	14°58,558	MILS	SNIE	CELA	Dist. 24 m	
CTDO								Dist. 6265591 m	
Haps Infauna								Dist. 6265591 m	
Haps Chem								Dist. 6265591 m	
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition			
Sediment type:	2	Sediment description:	Flora:	Brown crust and hiddenbrandia. Substrate specific coverage: <1-1 %	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)	
Clay (%)	0%	Fine-grained sand with boulders, large wave ripples, shell fragments	Invertebrates:	Dom. by blue mussels (1-5 %) (on rocks: 20-80 % coverage) with barnacles and infauna activity such as tubes from polychaetes (<1-3%) (especially Pygospio elegans (<1-3 %), but at least two species) and lugworm piles (<1-1 %) ; additionally hydrozoans (<1 %) and bivalve shells (incl. cockles)	<1 %				
Mud/silt (%)	3 %				Overall coverage	Smell (Infauna)	Visible species (Infauna)		
Sand (%)	90 %		1-5 %						
Gravel (%)	1 %		Fish:	European plaice (<1 %)	Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)	
Cobbles <10 cm (%)	4 %				<1 %				
Boulders >10 cm (%)	2 %		Video file id:	INV_033			Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)			
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity	
Clay (%)			Invertebrates:		Overall coverage	Depth	Temperature	Remarks	
Mud/silt (%)									
Sand (%)			Fish:		Overall coverage	Others	QA CELA: Species added, invertebrate and flora coverage changed to interval, sediment composition changed (added silt). Liv		
Gravel (%)									
Cobbles <10 cm (%)			Video file id:						
Boulders >10 cm (%)									

Kunde:	Energinet	Date:	2022-03-11	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	11 m/s	Station:	INV_034	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	1,0 m	Note:		55°05,594	14°60,580	26 m
ROV	Yes	Infauna	No	Chemistry	No	Expected substrate	Til/Diamicton	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	14:50:00	26,20	55°05,593	14°60,581	MILS	SNIE	CELA	Dist. 1 m
CTDO								Dist. 6264700 m
Haps Infauna								Dist. 6264700 m
Haps Chem								Dist. 6264700 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	2	Sediment description:	Flora:	Hindenbrandia sp. (<1-1 %) Substrate specific coverage: 1 %	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%	Fine grained sand bottom, some gravel, some of it bedrock, distinct ripples, cobbles and boulders	Invertebrates:	Rocks: dom. Attached by Mytilus spp (10-30 %) with barnacles (1 %) and bryozoans (two species) (1 %), hydrozoans (<1 %), and some calcareous tubes on bivalves and stones (1 %). Sand: dom. Few Pygospio elegans tubes (1-3 %).	<1-1 %			
Mud/silt (%)	0%				Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	86 %		Fish:	None	3-15 %			
Gravel (%)	2 %				Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)
Cobbles <10 cm (%)	8 %		Video file id:	INV_034	0 %			
Boulders >10 cm (%)	4 %				Smell (Chem)	Visible species (Chem)		
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:					
Mud/silt (%)					Overall coverage	Depth	Temperature	Remarks
Sand (%)			Fish:		Overall coverage			
Gravel (%)								
Cobbles <10 cm (%)			Video file id:					
Boulders >10 cm (%)								
						Others	QA: PEPE, Liv	

Kunde:	Energinet	Date:	2022-03-19	Area:	Baltic Sea	Planned target						
Project:	ENOE	Wind speed (m/s)	5 m/s	Station:	INV_035	Northing	Easting	Depth				
Vessel	Skoven	Wave height (m)	0,3	Note:	-	55°04,977	14°53,903	35 m				
ROV	Yes	Infauna	No	Chemistry	No	Expected substrate	Quaternary clay and silt					
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance				
ROV	16:25:00	36,70	55°04,982	14°53,902	SNIE	CELA	LEHE	Dist. 6 m				
CTDO								Dist. 6262760 m				
Haps Infauna								Dist. 6262760 m				
Haps Chem								Dist. 6262760 m				
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition						
Sediment type:	1b	Sediment description:	Flora:	None	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)				
Clay (%)	1 %	Sandy bottom with wave ripples and many worm piles, pycnocline on the way down to the bottom	Invertebrates:	Dom. by infauna activity especially piles from lugworms and other polychaetes (5-12 %), and polychaete tubes (5-20 %) (especially Pygospio elegans (5-20 %), but at least two species); additionally blue mussels (singular)(<1 %) and other bivalves (<1 %), barnacles, shells from Mya bivalves, white shell fragments and two lionsmane jellyfish	0 %							
Mud/silt (%)	4 %				Overall coverage	Smell (Infauna)	Visible species (Infauna)					
Sand (%)	95 %		Fish:	Goby (<1 %)	5-20 %							
Gravel (%)	0%				Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)				
Cobbles <10 cm (%)	0%		Video file id:	INV_035	<1 %							
Boulders >10 cm (%)	0%				Smell (Chem)	Visible species (Chem)						
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)						
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity				
Clay (%)			Invertebrates:									
Mud/silt (%)					Overall coverage	Depth	Temperature	Remarks				
Sand (%)			Fish:			Others	QA CELA: Species added, invertebrate coverage changed to interval. Liv					
Gravel (%)					Overall coverage							
Cobbles <10 cm (%)			Video file id:									
Boulders >10 cm (%)												

Kunde:	Energinet	Date:	2022-03-19	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	4 m/s	Station:	INV_036	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	0,2	Note:	-	55°04,694	14°50,059	37 m
ROV	Yes	Infauna	No	Chemistry	No	Expected substrate	Quaternary clay and silt	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	16:45:00	37,90	55°04,697	14°50,009	SNIE	CELA	LEHE	Dist. 32 m
CTDO								Dist. 6261722 m
Haps Infauna								Dist. 6261722 m
Haps Chem								Dist. 6261722 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	1b	Sediment description:	Flora:	None	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%	Moderate wave ripples on sandy bottom	Invertebrates:	Dom. by invertebrates incl. Pygospio elegans tubes (5-10 %), piles from lugworms (1-5 %), Arctica islandica bivalves (5 %); additionally few hydrozoans (<1 %) and few Mytilus spp (<1 %).	0 %			
Mud/silt (%)	5 %			Overall coverage	Smell (Infauna)	Visible species (Infauna)		
Sand (%)	95 %		5-10 %					
Gravel (%)	0%		Fish:	None	Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)
Cobbles <10 cm (%)	0%			0 %				
Boulders >10 cm (%)	0%		Video file id:	INV_036			Smell (Chem)	Visible species (Chem)
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:					
Mud/silt (%)				Overall coverage	Depth	Temperature	Remarks	
Sand (%)								
Gravel (%)			Fish:		Overall coverage	Others QA: PEPE, Liv		
Cobbles <10 cm (%)								
Boulders >10 cm (%)			Video file id:					

Kunde:	Energinet	Date:	2022-03-19	Area:	Baltic Sea	Planned target			
Project:	ENOE	Wind speed (m/s)	4 m/s	Station:	INV_037	Northing	Easting	Depth	
Vessel	Skoven	Wave height (m)	0,2	Note:	-	55°06,125	14°47,862	40 m	
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Muddy sand		
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance	
ROV	15:10:00	41,90	55°06,129	14°47,834	SNIE	CELA	LEHE	Dist. 18 m	
CTDO								Dist. 6262820 m	
Haps Infauna	15:19:00	41,90	55°06,125	14°47,854	SNIE	CELA	LEHE	Dist. 5 m	
Haps Chem								Dist. 6262820 m	
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition			
Sediment type:	1a	Sediment description:	Flora:	None	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)	
Clay (%)	4 %	Wave ripples on silty/sandy bottom, many piles, whole area shows signs of life with large holes from worms	Invertebrates:	Dom. by infauna activity especially Pygospio elegans tubes (7-25%), very large lugworm piles (2-10%) and bivalves (incl. mainly A. islandica (2-10 %), and some Astarte sp.<1 %); additionally hydrozoans (<1-2%) and possibly Hydrobia snails (<1-1%), red polychaetes (Scoloplos armiger) (<1 %).	0 %	INF_INV_037	Silt and sand mixed with clay, some gravel	Gray and brown	
Mud/silt (%)	96 %				Overall coverage	Smell (Infauna)	Visible species (Infauna)		
Sand (%)	0%		7-25 %	None	Bivalves, some worms				
Gravel (%)	0%		Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)			
Cobbles <10 cm (%)	0%		0 %						
Boulders >10 cm (%)	0%		Video file id:	INV_037			Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)			
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity	
Clay (%)			Invertebrates:		Overall coverage	Depth	Temperature	Remarks	
Mud/silt (%)					Overall coverage	Others			
Sand (%)			Fish:			QA CELA: Species added, invertebrate coverage changed to interval. Liv			
Gravel (%)									
Cobbles <10 cm (%)			Video file id:						
Boulders >10 cm (%)									

Kunde:	Energinet	Date:	2022-03-11	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	10 m/s	Station:	INV_038	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	1,3 m	Note:	-	55°08,348	14°32,656	46 m
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Mud and sandy mud	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	20:04:00	46,80	55°08,357	14°32,647	SNIE	MILS	CELA	Dist. 11 m
CTDO								Dist. 6262285 m
Haps Infauna	20:19:00	46,80	55°08,347	14°32,671	SNIE	MILS	CELA	Dist. 10 m
Haps Chem								Dist. 6262285 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	1a	Sediment description:	Flora:	None	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%	Soft, silty bottom, clay under the sediment, activity in form of caves made by fourbeard rockling	Invertebrates:	Dom. by sand holes from either polychaetes or bivalves (1-10 %), Arctica islandica bivalves (1-2 %), siphones from either bivalves or worms(1-5 %), few piles of lugworms (1 %); additionally hydrozoans	0 %	INF_INV_038	Mud and silt, 50% clay	Grey/ brown
Mud/silt (%)	100 %				Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	0%		Overall coverage	Moderate sulphur	Arctica islandica, Macoma balthica, small polychaete sp.			
Gravel (%)	0%		Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)		
Cobbles <10 cm (%)	0%		<1 %					
Boulders >10 cm (%)	0%		Video file id:	INV_038		Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:					
Mud/silt (%)					Overall coverage	Depth	Temperature	Remarks
Sand (%)			Overall coverage					
Gravel (%)			Overall coverage					
Cobbles <10 cm (%)								
Boulders >10 cm (%)			Video file id:			Others	QA: PEPE, Liv	

Kunde:	Energinet	Date:	2022-03-18	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	6 m/s	Station:	INV_039	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	0,2	Note:	-	55°07,694	14°27,708	47 m
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Mud and sandy mud	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	15:44:00	47,10	55°07,685	14°27,705	SNIE	LEHE	CELA	Dist. 10 m
CTDO								Dist. 6260655 m
Haps Infauna	15:56:00	47,10	55°07,696	14°27,711	SNIE	LEHE	CELA	Dist. 3 m
Haps Chem								Dist. 6260655 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	1a	Sediment description:	Flora:	Floating eelgrass	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	4 %	Fine silty bottom, lumpy clay formations locally, holes in sediment	Invertebrates:	Dom. by infauna activity incl. bivalves (<1-1 %) (incl. A. islandica), lugworm piles (<1 %), polychaete tubes (<1 %) (at least two species); additionally hydrozoans (<1 %), shrimp (<1 %) and white shell fragments	0 %	INF_INV_039	Silt, clay, gravel (3 %) and shell fragments	Light and dark grey
Mud/silt (%)	96 %				Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	0%		<1-1 %	None	A bivalve and a polychaete (2 cm)			
Gravel (%)	0%		Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)		
Cobbles <10 cm (%)	0%		<1 %					
Boulders >10 cm (%)	0%		Video file id:	INV_039			Smell (Chem)	Visible species (Chem)
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:		Overall coverage	Depth	Temperature	Remarks
Mud/silt (%)								
Sand (%)			Overall coverage	Others QA CELA: Species added, invertebrate coverage changed to interval. Liv				
Gravel (%)								
Cobbles <10 cm (%)								
Boulders >10 cm (%)			Video file id:					

Kunde:	Energinet	Date:	2022-03-18	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	6 m/s	Station:	INV_040	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	0,5	Note:	-	55°09,189	14°21,035	48 m
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Mud and sandy mud	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	14:55:00	48,50	55°09,188	14°21,046	SNIE	LEHE	CELA	Dist. 7 m
CTDO								Dist. 6260987 m
Haps Infauna	15:02:00	48,50	55°09,182	14°21,029	SNIE	LEHE	CELA	Dist. 8 m
Haps Chem								Dist. 6260987 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	1a	Sediment description:	Flora:	None	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	1 %	Fine silty bottom	Invertebrates:	Dom. by few infaunal tracks from polychaetes or bivalves (1-2 %), lugworm piles (<1 %), Arctica islandica bivalves (<1 %); additionally hydrozoans (<1 %), shrimps (<1 %)	0 %	INF_INV_040	Silt/ mud, clay at bottom	Brown/ grey stained with black
Mud/silt (%)	99 %				Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	0%		<1-2 %	Moderate sulfur	Bivalve shells			
Gravel (%)	0%		Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)		
Cobbles <10 cm (%)	0%		0 %					
Boulders >10 cm (%)	0%		Video file id:	INV_040		Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:		Overall coverage	Depth	Temperature	Remarks
Mud/silt (%)								
Sand (%)			Overall coverage	Others			QA: PEPE, Liv	
Gravel (%)								
Cobbles <10 cm (%)			Video file id:					
Boulders >10 cm (%)								

Kunde:	Energinet	Date:	2022-03-18	Area:	Baltic Sea	Planned target			
Project:	ENOE	Wind speed (m/s)	7 m/s	Station:	INV_041	Northing	Easting	Depth	
Vessel	Skoven	Wave height (m)	0,5	Note:	Picture of HAPS sample in cylinder	55°07,152	14°22,761	48 m	
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Mud and sandy mud		
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance	
ROV	15:17:00	47,80	55°07,150	14°22,733	SNIE	LEHE	CELA	Dist. 18 m	
CTDO								Dist. 6259147 m	
Haps Infauna	15:25:00	47,80	55°07,143	14°22,746	SNIE	LEHE	CELA	Dist. 13 m	
Haps Chem								Dist. 6259147 m	
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition			
Sediment type:	1a	Sediment description:	Flora:	None	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)	
Clay (%)	1 %	Fine, silty bottom, flat and homogenous			Invertebrates:	0 %	INF_INV_041	Mud/ silt, a little gravel and organic material, bottom 30% is clay	Dark grey
Mud/silt (%)	99 %				Dom. by bivalves (2-8 %) (most partially covered by sediment, but incl. A. islandica and Astarte spp.) and signs of infauna; additionally polychate tubes (<1 %), hydrozoans, a shrimp (<1 %) and white bivalve shells	Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	0%				2-8 %	None	None		
Gravel (%)	0%				Fish:	Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)
Cobbles <10 cm (%)	0%				Flounder tracks and caves from fourbeard rockling	0 %			
Boulders >10 cm (%)	0%				Video file id:	INV_041		Smell (Chem)	Visible species (Chem)
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)			
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity	
Clay (%)					Invertebrates:	Overall coverage	Depth	Temperature	Remarks
Mud/silt (%)				Fish:	Overall coverage	Others QA CELA: Species added, invertebrate coverage changed to interval. Liv			
Sand (%)				Video file id:					
Gravel (%)									
Cobbles <10 cm (%)									
Boulders >10 cm (%)									

Kunde:	Energinet	Date:	2022-03-11	Area:	Baltic Sea	Planned target			
Project:	ENOE	Wind speed (m/s)	11 m/s	Station:	INV_042	Northing	Easting	Depth	
Vessel	Skoven	Wave height (m)	1,2 m	Note:	-	55°05,586	14°28,555	47 m	
ROV	Yes	Infauna	No	Chemistry	No	Expected substrate	Muddy sand		
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance	
ROV	20:46:00	46,50	55°05,615	14°28,534	SNIE	MILS	CELA	Dist. 35 m	
CTDO								Dist. 6258577 m	
Haps Infauna								Dist. 6258577 m	
Haps Chem								Dist. 6258577 m	
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition			
Sediment type:	1a	Sediment description:	Flora:	Drifting eelgrass	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)	
Clay (%)	0%	Silty, muddy bottom, soft, tracks from infauna activity	Invertebrates:	Dom. by holes and piles of lugworms (1-4 %), bivalves (Arctica islandica) (<1-3 %), and Pygospio elegans tubes (1-3 %)	0 %				
Mud/silt (%)	100 %			Fish:	European flounder (<1 %), caves made by fourbeard rockling.	<1-4 %	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	0%		Video file id:		INV_042	Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)
Gravel (%)	0%			<1 %					
Cobbles <10 cm (%)	0%					Smell (Chem)	Visible species (Chem)		
Boulders >10 cm (%)	0%								
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)			
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity	
Clay (%)			Invertebrates:						
Mud/silt (%)				Fish:		Overall coverage	Depth	Temperature	Remarks
Sand (%)									
Gravel (%)									
Cobbles <10 cm (%)							Others	QA: PEPE, Liv	
Boulders >10 cm (%)				Video file id:					

Kunde:	Energinet	Date:	2022-03-11	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	12 m/s	Station:	INV_043	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	1,3 m	Note:	-	55°04,775	14°24,788	47 m
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Mud and sandy mud	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	21:21:00	47,00	55°04,813	14°24,711	MILS	SNIE	CELA	Dist. 65 m
CTDO								Dist. 6257004 m
Haps Infauna	21:29:00	47,00	55°04,931	14°24,552	MILS	SNIE	CELA	Dist. 230 m
Haps Chem								Dist. 6257004 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	1a	Sediment description:	Flora:	Drifting eelgrass	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%	Mud and silt with clay underneath, tracks from infauna activity, scattered bivalve shells	Invertebrates:	Dom. by bivalves (<1-8%) (most partially covered by sediment, but incl. A. islandica and Astarte spp.) and signs of infauna such as lugworm piles (<1-1 %); additionally hydrozoans, polychaete tube (<1%), a shrimp, white bivalve shells.	0 %	INF_INV_043	Mud and silt, a little clay and gravel	Brown on top, grey underneath
Mud/silt (%)	100 %			Fish:	Flounder (<1 %), flounder tracks and caves from fourbeard rockling	<1-8%	Weak sulphur	A. islandica bivalve
Sand (%)	0%		Video file id:	INV_043	Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)
Gravel (%)	0%				<1 %			
Cobbles <10 cm (%)	0%				Smell (Chem)	Visible species (Chem)		
Boulders >10 cm (%)	0%							
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:					
Mud/silt (%)				Fish:		Overall coverage	Depth	Temperature
Sand (%)								
Gravel (%)								
Cobbles <10 cm (%)								
Boulders >10 cm (%)				Video file id:		Others	QA CELA: Species added, invertebrate coverage changed to interval. Liv	

Kunde:	Energinet	Date:	2022-03-18	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	7 m/s	Station:	INV_044	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	0,4	Note:	-	55°06,380	14°17,918	48 m
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Mud and sandy mud	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	14:25:00	48,40	55°06,383	14°17,706	SNIE	LEHE	CELA	Dist. 135 m
CTDO								Dist. 6257418 m
Haps Infauna	14:33:00	48,40	55°06,373	14°17,907	SNIE	LEHE	CELA	Dist. 11 m
Haps Chem								Dist. 6257418 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	1a	Sediment description:	Flora:	None	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	2 %	Silty bottom, homogenous	Invertebrates:	Dom. by Arctica islandica bivalves (<1-5 %), and polychaetes (<1-2 %); additionally hydrozoans and a red polychaete	0 %	INF_INV_044	Mud and silt on top, 20% silty clay at the bottom, a little gravel and organic material	Grey, brown and black
Mud/silt (%)	98 %				Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	0%		<1-5 %	None	A black bivalve			
Gravel (%)	0%		Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)		
Cobbles <10 cm (%)	0%		<1 %					
Boulders >10 cm (%)	0%		Video file id:	INV_044		Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:		Overall coverage	Depth	Temperature	Remarks
Mud/silt (%)					Overall coverage			
Sand (%)			Overall coverage					
Gravel (%)			Overall coverage					
Cobbles <10 cm (%)			Video file id:			Others	QA: PEPE, Liv	
Boulders >10 cm (%)								

Kunde:	Energinet	Date:	2022-03-18	Area:	Baltic Sea	Planned target			
Project:	ENOE	Wind speed (m/s)	8 m/s	Station:	INV_045	Northing	Easting	Depth	
Vessel	Skoven	Wave height (m)	0,4	Note:	-	55°04,458	14°19,741	47 m	
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Mud and sandy mud		
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance	
ROV	13:58:00	47,50	55°04,449	14°19,757	SNIE	LEHE	CELA	Dist. 14 m	
CTDO								Dist. 6255718 m	
Haps Infauna	14:06:00	47,50	55°04,447	14°19,748	SNIE	LEHE	CELA	Dist. 13 m	
Haps Chem								Dist. 6255718 m	
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition			
Sediment type:	1a	Sediment description:	Flora:	None	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)	
Clay (%)	2 %	Silty bottom, homogenous and flat, tracks from infauna, depressions in substrate	Invertebrates:	Dom. by bivalves (2-12 %) (most partially covered by sediment, but incl. A. islandica and Astarte spp.) and signs of infauna activity such as holes and piles from lugworms and other polychaetes (<1-1 %); additionally hydrozoans, common starfish, a shrimp (<1 %) and white bivalve shells	0 %	INF_INV_045	Silt and mud on top, 45% clay at bottom, organic matter and a little gravel	Brown top, grey underneath	
Mud/silt (%)	98 %				Overall coverage	Smell (Infauna)	Visible species (Infauna)		
Sand (%)	0%		Overall coverage	2-12 %	Weak sulphur	Orange bivalve that can be seen on many videos and another bivalve, tubes from polychatete			
Gravel (%)	0%		Fish:	Flounder tracks	Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)	
Cobbles <10 cm (%)	0%				0 %				
Boulders >10 cm (%)	0%		Video file id:	INV_045	Smell (Chem)	Visible species (Chem)			
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)			
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity	
Clay (%)			Invertebrates:						
Mud/silt (%)					Overall coverage		Depth	Temperature	Remarks
Sand (%)			Fish:		Overall coverage	Others	QA CELA: Species added, invertebrate coverage changed to interval. Liv		
Gravel (%)									
Cobbles <10 cm (%)			Video file id:						
Boulders >10 cm (%)									

Kunde:	Energinet	Date:	2022-03-11	Area:	Baltic Sea	Planned target			
Project:	ENOE	Wind speed (m/s)	11 m/s	Station:	INV_046	Northing	Easting	Depth	
Vessel	Skoven	Wave height (m)	1,4 m	Note:	HAPS sample taken far from point due to the boat drifting	55°02,039	14°23,948	45 m	
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Mud and sandy mud		
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance	
ROV	22:04:00	46,40	55°02,048	14°23,906	MILS	SNIE	CELA	Dist. 29 m	
CTDO								Dist. 6253940 m	
Haps Infauna	22:12:00	46,40	55°02,152	14°23,741	MILS	SNIE	CELA	Dist. 183 m	
Haps Chem								Dist. 6253940 m	
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition			
Sediment type:	1a	Sediment description:		Flora:	Dead eelgrass	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	%	Mud and silt		Invertebrates:	Dom. By holes and dents possible from polychaetes or bivalves (2-10 %) <i>Arctica islandica</i> bivalves(1-5 %), <i>Pygospio elegans</i> tubes (<1-2 %); additionally hydrozoans attached to dead eelgrass.	0 %	INF_INV_046	Mud, silt and a little gravel	Brown and grey
Mud/silt (%)	100 %					Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	0%			1-5 %	None	Astarte bivalve			
Gravel (%)	0%			Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)		
Cobbles <10 cm (%)	0%			<1 %					
Boulders >10 cm (%)	0%				Smell (Chem)	Visible species (Chem)			
		Video file id:	INV_046						
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)			
Sediment type:		Sediment description:		Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)				Invertebrates:					
Mud/silt (%)						Overall coverage	Depth	Temperature	Remarks
Sand (%)									
Gravel (%)				Overall coverage	Others QA: PEPE, Liv				
Cobbles <10 cm (%)									
Boulders >10 cm (%)				Video file id:					

Kunde:	Energinet	Date:	2022-03-18	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	6 m/s	Station:	INV_047	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	0,4	Note:	-	54°99,636	14°21,817	45 m
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Mud and sandy mud	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	11:16:00	45,40	54°99,639	14°21,813	SNIE	CELA	LEHE	Dist. 4 m
CTDO								Dist. 6250985 m
Haps Infauna	11:27:00	45,40	54°99,604	14°21,829	SNIE	CELA	LEHE	Dist. 36 m
Haps Chem								Dist. 6250985 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	1a	Sediment description:	Flora:	None	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	3 %	Silty bottom, tracks from infauna in sediment, a bit of clay	Invertebrates:	Few species dom. by infauna activity (e.g. holes possibly from bivalves and polychaetes), additionally bivalves (<1 %) (incl. A. islandica), a shrimp (<1 %) and shells from bivalves	0 %	INF_INV_047	Silt and mud, some clay in bottom, some organic material and a little gravel	Gray with black spots
Mud/silt (%)	97 %				Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	0%		<1 %	Moderate sulphur	Shell fragments from bivalves			
Gravel (%)	0%		Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)		
Cobbles <10 cm (%)	0%		0 %					
Boulders >10 cm (%)	0%		Video file id:	INV_047			Smell (Chem)	Visible species (Chem)
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:		Overall coverage	Depth	Temperature	Remarks
Mud/silt (%)								
Sand (%)			Overall coverage	Others QA CELA: Species added, invertebrate coverage changed to interval. Liv				
Gravel (%)								
Cobbles <10 cm (%)			Video file id:					
Boulders >10 cm (%)								

Kunde:	Energinet	Date:	2022-03-18	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	6 m/s	Station:	INV_048	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	0,4	Note:	-	55°01,497	14°19,404	46 m
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Mud and sandy mud	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	12:07:00	46,60	55°01,499	14°19,413	SNIE	CELA	LEHE	Dist. 6 m
CTDO								Dist. 6252509 m
Haps Infauna	12:16:00	46,60	55°01,491	14°19,417	SNIE	CELA	LEHE	Dist. 11 m
Haps Chem								Dist. 6252509 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	1a	Sediment description:	Flora:	None	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%	Silty, clay seems to be underneath, fairly homogenous, some tracks in sediment	Invertebrates:	Dom by Pygospio elegans tubes (2-15 %), bivalves and shells from bivalves (Arctica islandica) (1-10 %), alot of holes and dents from polychaetes or bivalves below the sediment(5-10 %; additionally hydrozoans (<1 %), feeding starfish (<1 %).	0 %	INF_INV_048	Mud, silt, very little gravel, clay in bottom, some organic material	Grey
Mud/silt (%)	100 %				Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	0%		5-15 %	Weak sulphur smell	Shells from bivalves			
Gravel (%)	0%		Fish:	Flounder tracks	Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)
Cobbles <10 cm (%)	0%				0 %			
Boulders >10 cm (%)	0%		Video file id:	INV_048	Smell (Chem)	Visible species (Chem)		
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:		Overall coverage	Depth	Temperature	Remarks
Mud/silt (%)					Overall coverage	Others		
Sand (%)			Fish:		Overall coverage			
Gravel (%)					Video file id:			
Cobbles <10 cm (%)								
Boulders >10 cm (%)								

Kunde:	Energinet	Date:	2022-03-18	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	6 m/s	Station:	INV_049	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	0,4	Note:	-	55°04,026	14°14,796	48 m
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Mud and sandy mud	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	13:31:00	48,30	55°04,014	14°14,778	SNIE	CELA	LEHE	Dist. 18 m
CTDO								Dist. 6254331 m
Haps Infauna	13:39:00	48,30	55°04,013	14°14,808	SNIE	CELA	LEHE	Dist. 17 m
Haps Chem								Dist. 6254331 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	1a	Sediment description:	Flora:	None	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%	Silty, muddy bottom with many bivalves. Most likely clay underneath. Flat and homogenous	Invertebrates:	Dom. by bivalves (3-7 %) (most partially covered by sediment, but incl. A. islandica and Astarte spp.) and signs of infauna such as holes possibly from polychaetes; additionally hydrozoans and shrimps (<1 %)	0 %	INF_INV_049	Silt and mud, some organic material and clay in bottom	Gray/ brown, with black spots
Mud/silt (%)	100 %				Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	0%		Fish:	Flounder tracks	3-7 %	Weak sulphur	One big shell from bivalve along with other shell material	
Gravel (%)	0%				Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)
Cobbles <10 cm (%)	0%		Video file id:	INV_049	0 %			
Boulders >10 cm (%)	0%				Smell (Chem)	Visible species (Chem)		
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:		Overall coverage	Depth	Temperature	Remarks
Mud/silt (%)								
Sand (%)			Fish:		Overall coverage	Others QA CELA: Species added, invertebrate coverage changed to interval. Liv		
Gravel (%)								
Cobbles <10 cm (%)			Video file id:					
Boulders >10 cm (%)								

Kunde:	Energinet	Date:	2022-03-18	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	7 m/s	Station:	INV_050	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	0,4	Note:	-	55°01,579	14°14,749	47 m
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Mud and sandy mud	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	12:35:00	47,60	55°01,594	14°14,750	SNIE	CELA	LEHE	Dist. 16 m
CTDO								Dist. 6251722 m
Haps Infauna	12:44:00	47,60	55°01,580	14°14,750	SNIE	CELA	LEHE	Dist. 1 m
Haps Chem								Dist. 6251722 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	1a	Sediment description:	Flora:	None	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	2 %	Silty, muddy bottom	Invertebrates:	Dom by Arctica islandica bivalves (5-15 %) and alot of holes and dents from polychaetes or bivalves (2-10 %); additionally hydrozoans, shrimps, and a red polychaete	0 %	INF_INV_050	Silt and mud on top, clay-mud in bottom, some fine gravel organic material and fish bone	Brown gray
Mud/silt (%)	98 %				Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	0%		5-15 %	Slight sulphur	Shells from bivalves			
Gravel (%)	0%		Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)		
Cobbles <10 cm (%)	0%		0 %					
Boulders >10 cm (%)	0%		Video file id:	INV_050		Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:		Overall coverage	Depth	Temperature	Remarks
Mud/silt (%)								
Sand (%)			Overall coverage	Others QA: PEPE, Liv				
Gravel (%)								
Cobbles <10 cm (%)			Video file id:					
Boulders >10 cm (%)								

Kunde:	Energinet	Date:	2022-03-18	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	6 m/s	Station:	INV_051	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	0,4	Note:	-	55°01,553	14°11,086	48 m
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Mud and sandy mud	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	13:01:00	48,10	55°01,564	14°11,085	SNIE	CELA	LEHE	Dist. 12 m
CTDO								Dist. 6251008 m
Haps Infauna	13:09:00	48,10	55°01,554	14°11,086	SNIE	CELA	LEHE	Dist. 1 m
Haps Chem								Dist. 6251008 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	1a	Sediment description:	Flora:	Drifting eelgrass	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	1 %	Silty bottom. Homogenous with signs of infauna. Bivalves in sediment.	Invertebrates:	Dom. by bivalves (<1-5 %) (most more or less covered by sediment, but incl. A. islandica and Astarte spp.), hydrozoans, bryozoans on drifting eelgrass and white bivalve shells	0 %	INF_INV_051	Silt and mud, some gravel, clay in bottom	Gray and black
Mud/silt (%)	99 %				Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	0%		<1-5 %	Moderate sulphur	Shells from bivalves, one 4-5 cm polychaete			
Gravel (%)	0%		Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)		
Cobbles <10 cm (%)	0%		0 %					
Boulders >10 cm (%)	0%		Video file id:	INV_051		Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:		Overall coverage	Depth	Temperature	Remarks
Mud/silt (%)								
Sand (%)			Overall coverage	Others QA CELA: Species added, invertebrate coverage changed to interval. Liv				
Gravel (%)								
Cobbles <10 cm (%)			Video file id:					
Boulders >10 cm (%)								

Kunde:	Energinet	Date:	2022-03-18	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	7 m/s	Station:	INV_052	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	0,4	Note:	-	54°98,616	14°14,119	46 m
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Mud and sandy mud	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	10:24:00	46,50	54°98,696	14°14,101	SNIE	CELA	LEHE	Dist. 89 m
CTDO								Dist. 6248455 m
Haps Infauna	10:34:00	46,50	54°98,614	14°14,087	SNIE	CELA	LEHE	Dist. 21 m
Haps Chem								Dist. 6248455 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	1a	Sediment description:	Flora:	None	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%	Silty bottom, tracks from faunal activity. Homogenous.	Invertebrates:	Dom by holes and dents from polychaetes or bivalves in the sediment (1-10%), bivalves (Arctica islandica) (<1-5%), few Pygospio elegans (<1-2%); additionally shrimp, except for spread depressions from infauna, a red polychaete.	0 %	INF_INV_052	Mud and silty mud. Bit of clay. Some organic material	Grey with blacker spots
Mud/silt (%)	100 %				Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	0%		Overall coverage	5-10 %	Smell of sulphur	Shell fragments		
Gravel (%)	0%		Fish:	Flounder tracks.	Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)
Cobbles <10 cm (%)	0%		Video file id:	INV_052	0 %			
Boulders >10 cm (%)	0%				Smell (Chem)	Visible species (Chem)		
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:					
Mud/silt (%)					Overall coverage		Depth	Temperature
Sand (%)			Overall coverage					
Gravel (%)			Fish:			Others QA: PEPE, Liv		
Cobbles <10 cm (%)			Overall coverage					
Boulders >10 cm (%)			Video file id:					

Kunde:	Energinet	Date:	2022-03-18	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	6 m/s	Station:	INV_053	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	0,4	Note:	-	54°97,786	14°17,401	45 m
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Mud and sandy mud	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	10:49:00	45,20	54°97,765	14°17,440	SNIE	CELA	LEHE	Dist. 34 m
CTDO								Dist. 6248188 m
Haps Infauna	10:59:00	45,20	54°97,795	14°17,357	SNIE	CELA	LEHE	Dist. 30 m
Haps Chem								Dist. 6248188 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	1a	Sediment description:	Flora:	None	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	3 %	Silty bottom, fairly homogenous apart from tracks and traces of fauna. Clay structures underneath silt in some ares.	Invertebrates:	Dom. by infauna activity such as holes (<1 %) (possibly from polychaetes and bivalves); additionally a polychaete tube (<1 %) and bivalves shells and fragments	0 %	INF_INV_053	Mud and silt, bottom 60% is clay. Some organic material	Gray with black spots
Mud/silt (%)	97 %			Fish:	Goby, transparent small fish (pelagic) (<1 %), flounder tracks	Overall coverage	Smell (Infauna)	Visible species (Infauna)
Sand (%)	0%		<1 %			Moderate sulphur	Many shell fragments	
Gravel (%)	0%		Video file id:	INV_053	Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)
Cobbles <10 cm (%)	0%				<1 %			
Boulders >10 cm (%)	0%					Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:					
Mud/silt (%)				Fish:		Overall coverage	Depth	Temperature
Sand (%)								
Gravel (%)			Video file id:		Overall coverage	Others	QA CELA: Species added, invertebrate coverage changed to interval. Liv	
Cobbles <10 cm (%)								
Boulders >10 cm (%)								

Kunde:	Energinet	Date:	2022-03-18	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	6 m/s	Station:	INV_054	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	0,3	Note:	-	54°96,729	14°12,676	46 m
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Mud and sandy mud	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	10:02:00	45,70	54°96,763	14°12,679	SNIE	LEHE	CELA	Dist. 38 m
CTDO								Dist. 6246178 m
Haps Infauna	10:10:00	45,70	54°96,717	14°12,645	SNIE	LEHE	CELA	Dist. 24 m
Haps Chem								Dist. 6246178 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	1a	Sediment description:	Flora:	None	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%	Silty bottom, many depressions probably from fauna activity	Invertebrates:	Dom. by holes and dents from polychaetes or bivalves in the sediment (1-3 %); additionally starfish, shrimps	0 %	INF_INV_054	Mud, silt	Light grey, brown patches
Mud/silt (%)	100 %				Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	0%		1-3 %	Slight sulfur	Dead shells, some pieces of wood			
Gravel (%)	0%		Fish:	Sand goby (<1 %) and flounder tracks	Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)
Cobbles <10 cm (%)	0%				<1 %			
Boulders >10 cm (%)	0%		Video file id:	INV_054		Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:		Overall coverage	Depth	Temperature	Remarks
Mud/silt (%)					Overall coverage			
Sand (%)			Fish:		Overall coverage	Others		
Gravel (%)					QA: PEPE, Liv			
Cobbles <10 cm (%)			Video file id:					
Boulders >10 cm (%)								

Kunde:	Energinet	Date:	2022-03-18	Area:	Baltic Sea	Planned target			
Project:	ENOE	Wind speed (m/s)	7 m/s	Station:	INV_055	Northing	Easting	Depth	
Vessel	Skoven	Wave height (m)	0,4	Note:	-	54°98,246	14°10,071	47 m	
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Mud and sandy mud		
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance	
ROV	09:40:00	47,00	54°98,228	14°10,077	SNIE	LEHE	CELA	Dist. 20 m	
CTDO								Dist. 6247302 m	
Haps Infauna	09:47:00	47,00	54°98,235	14°10,080	SNIE	LEHE	CELA	Dist. 13 m	
Haps Chem								Dist. 6247302 m	
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition			
Sediment type:	1a	Sediment description:	Flora:	None	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)	
Clay (%)	0%	Fine silty bottom, tracks from infauna activity and flounders	Invertebrates:	Dom. by infauna activity such as holes (<1-1 %) (possibly from polychaetes and bivalves) and bivalves (<1-1 %) (most covered by sediment); additionally a shrimp (<1 %), and white bivalve shells	0 %	INF_INV_055	Mud, silt, a little clay	Light grey, black patches	
Mud/silt (%)	100 %				Overall coverage	Smell (Infauna)	Visible species (Infauna)		
Sand (%)	0%		<1-1 %	Moderate sulphur	Macoma balthica, shell fragments and a little organic material				
Gravel (%)	0%		Fish:	Gobi, transparent fish (pelagic) (<1 %), cave from fourbeard rockling	Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)	
Cobbles <10 cm (%)	0%		<1 %						
Boulders >10 cm (%)	0%		Video file id:	INV_055	Smell (Chem)	Visible species (Chem)			
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)			
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity	
Clay (%)			Invertebrates:		Overall coverage	Depth	Temperature	Remarks	
Mud/silt (%)					Overall coverage				
Sand (%)			Fish:		Overall coverage	Others	QA CELA: Species added, invertebrate coverage changed to interval. Liv		
Gravel (%)									
Cobbles <10 cm (%)			Video file id:						
Boulders >10 cm (%)									

Kunde:	Energinet	Date:	2022-03-18	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	7 m/s	Station:	INV_056	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	0,2	Note:	-	54°99,021	14°07,184	47 m
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Mud and sandy mud	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	09:17:00	47,50	54°99,022	14°07,126	SNIE	LEHE	CELA	Dist. 37 m
CTDO								Dist. 6247587 m
Haps Infauna	09:25:00	47,50	54°99,032	14°07,178	SNIE	LEHE	CELA	Dist. 13 m
Haps Chem								Dist. 6247587 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	1a	Sediment description:	Flora:	None	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%	Silty, muddy bottom, signs of trawl	Invertebrates:	Dom by holes and dents from polychaetes or bivalves in the sediment (<1-3 %); additionally shrimp, possibly tubes from polychaetes.	0 %	INF_INV_056	Mud/ silt	Grey, black patches
Mud/silt (%)	100 %				Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	0%		<1-3 %	Moderate sulfur	Shell fragments			
Gravel (%)	0%		Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)		
Cobbles <10 cm (%)	0%		<1 %					
Boulders >10 cm (%)	0%		Video file id:	INV_056		Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:		Overall coverage	Depth	Temperature	Remarks
Mud/silt (%)								
Sand (%)			Overall coverage	Others QA: PEPE, Liv				
Gravel (%)								
Cobbles <10 cm (%)			Video file id:					
Boulders >10 cm (%)								

Kunde:	Energinet	Date:	2022-03-18	Area:	Baltic Sea	Planned target			
Project:	ENOE	Wind speed (m/s)	7 m/s	Station:	INV_057	Northing	Easting	Depth	
Vessel	Skoven	Wave height (m)	0,3	Note:	-	54°96,491	14°03,781	47 m	
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Mud and sandy mud		
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance	
ROV	08:49:00	47,00	54°96,499	14°03,788	SNIE	LEHE	CELA	Dist. 10 m	
CTDO								Dist. 6244262 m	
Haps Infauna	08:58:00	47,00	54°96,493	14°03,777	SNIE	LEHE	CELA	Dist. 4 m	
Haps Chem								Dist. 6244262 m	
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition			
Sediment type:	1a	Sediment description:	Flora:	None	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)	
Clay (%)	0%	Silty bottom with tracks from infauna activity and fishes, very faint wave ripples in some places	Invertebrates:	Dom. by infauna activity especially holes (<1 %) (possibly from polychaetes or bivalves); additionally polychaete tubes (<1 %) and bivalves (<1 %)	0 %	INF_INV_057	Mud/ silt	Grey/brown, black patches	
Mud/silt (%)	100 %			Fish:	European flounder, goby, transparent pelagic fish (<1 %)	<1 %	Moderate sulphur	Bivalve shells	
Sand (%)	0%		Video file id:			INV_057	<1 %	Photo id (Chem)	Composition (Chem)
Gravel (%)	0%			Smell (Chem)	Visible species (Chem)				
Cobbles <10 cm (%)	0%								
Boulders >10 cm (%)	0%								
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)			
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity	
Clay (%)			Invertebrates:		Overall coverage	Depth	Temperature	Remarks	
Mud/silt (%)						Fish:		Overall coverage	Others
Sand (%)			Video file id:						
Gravel (%)									
Cobbles <10 cm (%)									
Boulders >10 cm (%)									

Kunde:	Energinet	Date:	2022-03-18	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	5 m/s	Station:	INV_058	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	0,2	Note:	-	54°95,494	14°07,265	46 m
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Mud and sandy mud	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	08:24:00	46,00	54°95,464	14°07,282	SNIE	LEHE	CELA	Dist. 35 m
CTDO								Dist. 6243852 m
Haps Infauna	08:32:00	46,00	54°95,464	14°07,282	SNIE	LEHE	CELA	Dist. 35 m
Haps Chem								Dist. 6243852 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	1a	Sediment description:	Flora:	None	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%	Homopogenous, silty bottom, possibly clay underneath	Invertebrates:	Dom by holes from infaunal activity incl. Bivalves or polychaetes (<1-5%); additionally few tubes from polychaetes, shrimps, a red polychaete.	0 %	INF_INV_058	Mud/ silt, a little clay in bottom core	Grey, large black patches
Mud/silt (%)	100 %		Fish:	Three transparent gobies (Aphia minuta), sand goby, flounder tracks	<1-5 %	Strong sulphur	Visible species (Infauna)	
Sand (%)	0%		Video file id:	INV_058	Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)
Gravel (%)	0%				<1 %			
Cobbles <10 cm (%)	0%					Smell (Chem)	Visible species (Chem)	
Boulders >10 cm (%)	0%							
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:		Overall coverage	Depth	Temperature	Remarks
Mud/silt (%)			Fish:		Overall coverage	Others		
Sand (%)			Video file id:			QA: PEPE, Liv		
Gravel (%)								
Cobbles <10 cm (%)								
Boulders >10 cm (%)								

Kunde:	Energinet	Date:	2022-03-18	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	5 m/s	Station:	INV_059	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	0,2	Note:	-	54°93,865	14°07,393	45 m
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Mud and sandy mud	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	08:00:00	45,20	54°93,894	14°07,353	SNIE	LEHE	CELA	Dist. 41 m
CTDO								Dist. 6242144 m
Haps Infauna	08:11:00	45,20	54°93,879	14°07,368	SNIE	LEHE	CELA	Dist. 22 m
Haps Chem								Dist. 6242144 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	1a	Sediment description:	Flora:	None	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%	Homogenous, silty bottom, tracks from flounders and infauna	Invertebrates:	Dom. by infauna activity such as tracks and holes (possibly from bivalves and polychaetes); additionally polychaete tubes (<1 %), white shell fragments and a common starfish (seen after video)	0%	INF_INV_059	Mud/ silt	Grey, dark grey
Mud/silt (%)	100 %				Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	0%		<1%	Strong sulphur	Bivalve shells			
Gravel (%)	0%		Fish:	Gobies (<1 %), flounder tracks and cave from fourbeard rockling	Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)
Cobbles <10 cm (%)	0%				<1%			
Boulders >10 cm (%)	0%		Video file id:	INV_059		Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:		Overall coverage	Depth	Temperature	Remarks
Mud/silt (%)					Overall coverage			
Sand (%)			Fish:		Overall coverage	Others	QA CELA: invertebrate description changed and coverage changed to interval. Liv	
Gravel (%)					Overall coverage			
Cobbles <10 cm (%)			Video file id:					
Boulders >10 cm (%)								

Kunde:	Energinet	Date:	2022-03-18	Area:	Baltic Sea	Planned target			
Project:	ENOE	Wind speed (m/s)	7 m/s	Station:	INV_060	Northing	Easting	Depth	
Vessel	Skoven	Wave height (m)	0,2	Note:	-	54°94,384	14°03,535	46 m	
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Mud and sandy mud		
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance	
ROV	07:14:00	46,10	54°94,392	14°03,475	SNIE	LEHE	CELA	Dist. 40 m	
CTDO								Dist. 6241975 m	
Haps Infauna	07:22:00	46,10	54°94,399	14°03,535	SNIE	LEHE	CELA	Dist. 17 m	
Haps Chem								Dist. 6241975 m	
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition			
Sediment type:	1a	Sediment description:	Flora:	None	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)	
Clay (%)	0%	Silty bottom, homogeneous	Invertebrates:	Dom by tracks from infaunal activity incl. Holes and small piles made by bivalves either polychaetes (<1-10 %), red polychaetes sticking up from the seabed (<1-1 %); additionally shrimps.	0 %	INF_INV_060	Mud/ silt	Dark grey, black patches	
Mud/silt (%)	100 %				Overall coverage	Smell (Infauna)	Visible species (Infauna)		
Sand (%)	0%		<1-10 %	Strong sulphur	Bivalve shells, Astarte sp. bivalve				
Gravel (%)	0%		Fish:	Transparent gobies (Aphia minuta)	Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)	
Cobbles <10 cm (%)	0%				<1 %				
Boulders >10 cm (%)	0%		Video file id:	INV_060			Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)			
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity	
Clay (%)			Invertebrates:		Overall coverage	Depth	Temperature	Remarks	
Mud/silt (%)									
Sand (%)			Fish:		Overall coverage	Others QA: PEPE, invertebrates changed. Liv			
Gravel (%)									
Cobbles <10 cm (%)			Video file id:						
Boulders >10 cm (%)									

Kunde:	Energinet	Date:	2022-03-19	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	6 m/s	Station:	INV_061	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	0,3	Note:	-	55°03,535	14°52,579	33 m
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Sand	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	17:10:00	34,40	55°03,535	14°52,578	SNIE	LEHE	CELA	Dist. m
CTDO								Dist. 6260977 m
Haps Infauna	17:17:00	34,40	55°03,537	14°52,567	SNIE	LEHE	CELA	Dist. 8 m
Haps Chem								Dist. 6260977 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	1b	Sediment description:	Flora:	Dead eelgrass	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%	Sandy bottom, coarse sand, some gravel, tall wave ripples far apart, a piece of wood	Invertebrates:	Dom. by infauna activity especially piles and holes from polychaetes (1-3 %), Pygospio elegans tubes (1-5 %) and blue mussels (1-3 %) (clusters); additionally barnacles, hydrozoans and a lot of shell fragments	0 %	INF_INV_061	Sand and a lot of gravel, two pieces of wood	Multi (sand and gravel)
Mud/silt (%)	5 %				Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	85 %		1-5 %	None	None			
Gravel (%)	10 %		Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)		
Cobbles <10 cm (%)	0%		0 %					
Boulders >10 cm (%)	0%		Video file id:	INV_061		Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:		Overall coverage	Depth	Temperature	Remarks
Mud/silt (%)								
Sand (%)			Overall coverage	Others	QA CELA: Species added, invertebrate coverage changed to interval. Liv			
Gravel (%)								
Cobbles <10 cm (%)								
Boulders >10 cm (%)			Video file id:					

Kunde:	Energinet	Date:	2022-03-19	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	7 m/s	Station:	INV_062	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	0,3	Note:	Good visibility	55°02,597	14°55,342	22 m
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Sand	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	17:35:00	21,80	55°02,593	14°55,328	SNIE	LEHE	CELA	Dist. 10 m
CTDO								Dist. 6260514 m
Haps Infauna	17:40:00	21,80	55°02,594	14°55,327	SNIE	LEHE	CELA	Dist. 10 m
Haps Chem								Dist. 6260514 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	1b	Sediment description:	Flora:	None	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%	Sandy bottom with large wave ripples (also ripples perpendicular to the large ones), gravel in troughs.	Invertebrates:	Dom by some clusters of blue mussels (<1-1 %), barnacles (<1 %), few whitte shell fragments (<1 %)	0 %	INF_INV_062	Sand a some gravel	Sand
Mud/silt (%)	1 %			Overall coverage	Smell (Infauna)	Visible species (Infauna)		
Sand (%)	98 %		<1-1 %	None	None			
Gravel (%)	1 %		Fish:	European plaice (<1 %)	Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)
Cobbles <10 cm (%)	0%				<1 %			
Boulders >10 cm (%)	0%		Video file id:	INV_062			Smell (Chem)	Visible species (Chem)
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:					
Mud/silt (%)				Overall coverage	Depth	Temperature	Remarks	
Sand (%)								
Gravel (%)			Fish:		Overall coverage	Others QA: PEPE, invertebrates changed. Liv		
Cobbles <10 cm (%)								
Boulders >10 cm (%)			Video file id:					

Kunde:	Energinet	Date:	2022-03-19	Area:	Baltic Sea	Planned target			
Project:	ENOE	Wind speed (m/s)	3 m/s	Station:	INV_063	Northing	Easting	Depth	
Vessel	Skoven	Wave height (m)	0,2	Note:	-	55°01,703	14°53,998	21 m	
ROV	Yes	Infauna	No	Chemistry	No	Expected substrate	Sedimentary rock		
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance	
ROV	18:10:00	21,20	55°01,692	14°53,991	SNIE	LEHE	CELA	Dist. 13 m	
CTDO								Dist. 6259308 m	
Haps Infauna								Dist. 6259308 m	
Haps Chem								Dist. 6259308 m	
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition			
Sediment type:	2	Sediment description:	Flora:	Brown crust and hildenbrandia (<1 %). Substrate specific coverage: <1 %	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)	
Clay (%)	0%	Sandy bottom with wave ripples far apart, cobbles and boulders, some gravel	Invertebrates:	Dom by blue mussels, mainly on rocks, a few small clusters on sand (coverage on rocks: 40-90 %, overall: 3-10 %) with barnacles and infauna activity, especially piles and holes from polychaetes (1-2 %); additionally calcareous worms and bryozoans	<1 %				
Mud/silt (%)	0%				Overall coverage	Smell (Infauna)	Visible species (Infauna)		
Sand (%)	84 %		3-10 %						
Gravel (%)	10 %		Overall coverage	Fish:	None	Photo id (Chem)	Composition (Chem)	Colour (Chem)	
Cobbles <10 cm (%)	2 %			0 %					
Boulders >10 cm (%)	4 %		Video file id:	INV_063			Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)			
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity	
Clay (%)			Invertebrates:						
Mud/silt (%)					Overall coverage	Depth	Temperature	Remarks	
Sand (%)									
Gravel (%)			Overall coverage	Fish:		Others	QA CELA: Species added, invertebrate coverage changed to interval, boulder percentage increased from 2 to 4 %. Liv		
Cobbles <10 cm (%)									
Boulders >10 cm (%)			Video file id:						

Kunde:	Energinet	Date:	2022-03-19	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	7 m/s	Station:	INV_064	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	0,3	Note:	-	55°01,821	14°51,735	24 m
ROV	Yes	Infauna	No	Chemistry	No	Expected substrate	Til/Diamicton	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	18:27:00	26,60	55°01,832	14°51,756	SNIE	LEHE	CELA	Dist. 18 m
CTDO								Dist. 6258998 m
Haps Infauna								Dist. 6258998 m
Haps Chem								Dist. 6258998 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	1b	Sediment description:	Flora:	None	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%	Sandy bottom with large wave ripples, quite a lot of gravel. Local type 4, reef, smaller and larger boulders covered in blue mussels	Invertebrates:	Dom by patches of blue mussels (10-30 %) with barnacles (<1 %), piles of lugworm (<1 %).	0 %			
Mud/silt (%)	0%		Fish:	None	Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	55 %				5-15 %			
Gravel (%)	10 %				Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)
Cobbles <10 cm (%)	0%				0 %			
Boulders >10 cm (%)	35%		Video file id:	INV_064		Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:	Type 4	Sediment description:	Flora:	Brown crust	Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)	%	Local type 4, reef, smaller and larger boulders covered in blue mussels	Invertebrates:	Rocks: dom by blue mussels (35 %) with barnacles (1 %), hydrozoans (<1 %), bryozoans (<1 %), calcareous tube worms (<1 %).	<1 %			
Mud/silt (%)	%		Fish:	Two sculpins (<1 %)	Overall coverage	Depth	Temperature	Remarks
Sand (%)	40 %				35 %			
Gravel (%)	25 %				Overall coverage	Others	QA: PEPE, invertebrates changed. Liv	
Cobbles <10 cm (%)	%				<1 %			
Boulders >10 cm (%)	35 %		Video file id:	INV_064				

Kunde:	Energinet	Date:	2022-03-19	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	6 m/s	Station:	INV_065	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	0,3	Note:	Good visibility	55°03,238	14°50,022	35 m
ROV	Yes	Infauna	No	Chemistry	No	Expected substrate	Quarternary clay and silt	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	18:46:00	37,10	55°03,274	14°50,008	SNIE	LEHE	CELA	Dist. 41 m
CTDO								Dist. 6260172 m
Haps Infauna								Dist. 6260172 m
Haps Chem								Dist. 6260172 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	1b	Sediment description:	Flora:	Brown crust (<1%). Substrate specific coverage: <1 %	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%	Sandy bottom with irregular but distinct wave ripples, a little silt in troughs, shell fragments.	Invertebrates:	Dom. by infauna activity, mainly piles from polychaetes incl. lugworms (3-8 %) and Pygospio elegans tubes (3-8 %); additionally blue mussels (coverage on rocks: 50-90 %, on sand (individuals): <1 %), barnacles, hydrozoans, lions mane jellyfish, bryozoans on blue mussels(<1 %) and shell fragments	<1 %			
Mud/silt (%)	1 %		Fish:	None	Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	99 %		Video file id:	INV_065	3-10 %			
Gravel (%)	0%				Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)
Cobbles <10 cm (%)	0%				0 %			
Boulders >10 cm (%)	<1 %					Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:					
Mud/silt (%)			Fish:		Overall coverage	Depth	Temperature	Remarks
Sand (%)			Video file id:					
Gravel (%)					Overall coverage			
Cobbles <10 cm (%)						Others	QA CELA: Species added, invertebrate coverage changed to interval. Liv	
Boulders >10 cm (%)								

Kunde:	Energinet	Date:	2022-03-19	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	6 m/s	Station:	INV_066	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	0,3	Note:	-	55°02,424	14°46,145	35 m
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Sand	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	19:06:00	38,00	55°02,448	14°46,130	SNIE	LEHE	CELA	Dist. 28 m
CTDO								Dist. 6258566 m
Haps Infauna	19:13:00	38,00	55°02,442	14°46,149	SNIE	LEHE	CELA	Dist. 20 m
Haps Chem								Dist. 6258566 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	1b	Sediment description:	Flora: Brown crust (<1 %), Hildenbrandia (<1 %). Substrate specific coverage: <1 %	Invertebrates: Dom by lugworm piles and holes (1-5 %), blue mussels (1-2 %), tubes of Pygospio elegans (1-3 %); additionally few A. islandica (<1 %) barnacles(<1 %), hydrozoans (<1 %), calcareous tube worms (<1 %)	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%	Sand bottom with big wave ripples			<1 %	INF_INV_066	Sand	Sand
Mud/silt (%)	1 %			Overall coverage	Smell (Infauna)	Visible species (Infauna)		
Sand (%)	99 %			1-5 %	None	A polychaete, Macoma balthica		
Gravel (%)	0%			Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)	
Cobbles <10 cm (%)	0%			<1 %				
Boulders >10 cm (%)	<1 %			Video file id:	INV_066	Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:	Invertebrates:	Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)					Overall coverage	Depth	Temperature	Remarks
Mud/silt (%)				Overall coverage	Others QA: PEPE, invertebrates and flora changed. Liv			
Sand (%)								
Gravel (%)								
Cobbles <10 cm (%)				Video file id:				
Boulders >10 cm (%)								

Kunde:	Energinet	Date:	2022-03-19	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	7 m/s	Station:	INV_067	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	0,3	Note:	-	55°00,396	14°52,138	24 m
ROV	Yes	Infauna	No	Chemistry	No	Expected substrate	Till/Diamicton	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	19:39:00	24,20	55°00,378	14°52,119	SNIE	LEHE	CELA	Dist. 24 m
CTDO								Dist. 6257565 m
Haps Infauna								Dist. 6257565 m
Haps Chem								Dist. 6257565 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	3	Sediment description:	Flora:	Hildenbrandia (<1 %) and brown crust (<1 %). Substrate specific coverage: <1 %	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	2 %	Sandy bottom with large boulders and cobbles. Local type 4 (containing the same organisms), target is on a hill. Very diverse area; from type 2 to type 4.	Invertebrates:	Dom. by blue mussels on rocks (coverage on rocks: 70-90 %, overall: 15-30 %), with barnacles; additionally polychaete piles on sand (<1 %), hydrozoans, bryozoans and white shell fragments	<1 %			
Mud/silt (%)	0%		Fish:	Flounder (<1 %)	Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	59 %				15-30 %			
Gravel (%)	5 %				Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)
Cobbles <10 cm (%)	10 %				<1 %			
Boulders >10 cm (%)	24 %					Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:					
Mud/silt (%)			Fish:		Overall coverage	Depth	Temperature	Remarks
Sand (%)								
Gravel (%)					Overall coverage			
Cobbles <10 cm (%)						Others	QA CELA: Species added, invertebrate coverage changed to interval. NB: at local type 4 blue mussel coverage is 60-70 %. Liv	
Boulders >10 cm (%)					Video file id:			

Kunde:	Energinet	Date:	2022-03-19	Area:	Baltic Sea	Planned target			
Project:	ENOE	Wind speed (m/s)	8 m/s	Station:	INV_068	Northing	Easting	Depth	
Vessel	Skoven	Wave height (m)	0,3	Note:	-	55°00,228	14°49,713	29 m	
ROV	Yes	Infauna	No	Chemistry	No	Expected substrate	Till/Diamicton		
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance	
ROV	19:55:00	27,70	55°00,238	14°49,710	SNIE	LEHE	CELA	Dist. 11 m	
CTDO								Dist. 6256921 m	
Haps Infauna								Dist. 6256921 m	
Haps Chem								Dist. 6256921 m	
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition			
Sediment type:	2	Sediment description:	Flora:	Brown crust (<1 %), Hildenbrandia (<1 %). Substrate specific coverage: <1 %	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)	
Clay (%)	1 %	Sandy bottom with cobbles, boulders and gravel, tall wave ripples	Invertebrates:	Dom by attached blue mussels (10 %), bryozoans (<1 %), hydrozoans (<1 %), calcareous tube worms (<1 %), piles of lugworms (<1 %)	Overall coverage	Smell (Infauna)	Visible species (Infauna)		
Mud/silt (%)	0%			2-7 %					
Sand (%)	64 %		Fish:	Sand goby (<1 %)	Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)	
Gravel (%)	25 %				<1 %				
Cobbles <10 cm (%)	8 %		Video file id:	INV_068	Smell (Chem)	Visible species (Chem)			
Boulders >10 cm (%)	2 %		ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)			
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity	
Clay (%)			Invertebrates:		Overall coverage	Depth	Temperature	Remarks	
Mud/silt (%)									
Sand (%)			Fish:		Overall coverage	Others QA: PEPE, invertebrates and flora changed. Liv			
Gravel (%)									
Cobbles <10 cm (%)			Video file id:						
Boulders >10 cm (%)									

Kunde:	Energinet	Date:	2022-03-20	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	10 m/s	Station:	INV_069	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	0,3	Note:	-	54°98,421	14°49,681	25 m
ROV	Yes	Infauna	No	Chemistry	No	Expected substrate	Till/Diamicton	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	08:01:00	24,90	54°98,444	14°49,674	SNIE	LEHE	CELA	Dist. 26 m
CTDO								Dist. 6254998 m
Haps Infauna								Dist. 6254998 m
Haps Chem								Dist. 6254998 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	3	Sediment description:	Flora:	Red and brown crust (<1 %). Substrate specific coverage: 1 %	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	<1 %	Sandy substrate with a mix of boulders, cobbles and gravel. Stones very colse together in some areas.	Invertebrates:	Dom. by blue mussels on rocks (coverage on rocks: 85-95 %, overall: 15-30 %) with barnacles; additionally bryozoans, calcareous worms, hydrozoans and shell fragments	<1 %			
Mud/silt (%)	0%				Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	65 %		Fish:	None	15-30 %			
Gravel (%)	5 %				Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)
Cobbles <10 cm (%)	15 %				0 %			
Boulders >10 cm (%)	15 %		Video file id:	INV_069			Smell (Chem)	Visible species (Chem)
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:					
Mud/silt (%)					Overall coverage	Depth	Temperature	Remarks
Sand (%)			Fish:					
Gravel (%)					Overall coverage	Others QA CELA: Species added, invertebrate coverage changed to interval, cobbels increased 10 to 15 %. Liv		
Cobbles <10 cm (%)								
Boulders >10 cm (%)			Video file id:					

Kunde:	Energinet	Date:	2022-03-20	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	6 m/s	Station:	INV_070	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	0,4	Note:	3 HAPS attempts to get proper sample	54°99,798	14°44,687	36 m
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Sand	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	08:26:00	36,20	54°99,798	14°44,714	SNIE	CELA	LEHE	Dist. 17 m
CTDO								Dist. 6255501 m
Haps Infauna	08:41:00	36,20	54°99,792	14°44,698	SNIE	CELA	LEHE	Dist. 10 m
Haps Chem								Dist. 6255501 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	1b	Sediment description:	Flora:	None	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%	Sandy bottom, medium/coarse sand. Cobbles and a lot of gravel. Clear wave ripples. Very little silt.	Invertebrates:	Dom by blue mussels (1 %), piles of lugworms (1 %), tubes from Pygospio elegans (<1 %), barnacles (<1 %), hydrozoans (<1 %), calcareous tube worms (<1 %).	0 %	INF_INV_70	Big grained sand, gravel	Sandy and gravel
Mud/silt (%)	2 %				Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	73 %		1 %	None	One bigger polychaete, many pygospio, shells from M. edulis			
Gravel (%)	20 %		Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)		
Cobbles <10 cm (%)	5 %		<1 %					
Boulders >10 cm (%)	<1 %		Video file id:	INV_70		Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:		Overall coverage	Depth	Temperature	Remarks
Mud/silt (%)					Overall coverage	Others		
Sand (%)			Overall coverage	QA: PEPE, Liv				
Gravel (%)			Overall coverage					
Cobbles <10 cm (%)			Video file id:					
Boulders >10 cm (%)								

Kunde:	Energinet	Date:	2022-03-20	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	8 m/s	Station:	INV_071	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	0,7	Note:	Not possible to get HAPS due to sediment type	54°97,457	14°46,525	28 m
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Sand	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	10:21:00	25,10	54°97,475	14°46,529	SNIE	CELA	LEHE	Dist. 20 m
CTDO								Dist. 6253371 m
Haps Infauna								Dist. 6253371 m
Haps Chem								Dist. 6253371 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	3	Sediment description:	Flora:	Brown and red crust (<1 %). Substrate specific coverage: 1 %	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	2 %	Sandy substrate with clay underneath, many cobbles and boulders. Gravel between wave ripples.	Invertebrates:	Dom. by blue mussels mainly on rocks (coverage on rocks: 50-90%, on sand (smaller clusters): 1-3%, overall: 15-30%); additionally barnacles, hydrozoans and bryozoans	<1 %			
Mud/silt (%)	0%				Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	63 %		Fish:	None	15-30 %			
Gravel (%)	5 %				Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)
Cobbles <10 cm (%)	10 %		Video file id:	INV_071	0 %			
Boulders >10 cm (%)	20 %				Smell (Chem)	Visible species (Chem)		
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:					
Mud/silt (%)					Overall coverage	Depth	Temperature	Remarks
Sand (%)			Fish:					
Gravel (%)					Overall coverage			
Cobbles <10 cm (%)			Video file id:					
Boulders >10 cm (%)					Others	QA CELA: Species added, invertebrate coverage changed to interval. Liv		

Kunde:	Energinet	Date:	2022-03-20	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	8 m/s	Station:	INV_072	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	0,5	Note:	-	54°97,760	14°43,572	33 m
ROV	Yes	Infauna	No	Chemistry	No	Expected substrate	Till/Diamicton	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	10:03:00	31,80	54°97,767	14°43,534	SNIE	CELA	LEHE	Dist. 25 m
CTDO								Dist. 6253126 m
Haps Infauna								Dist. 6253126 m
Haps Chem								Dist. 6253126 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	3	Sediment description:	Flora:	Brown crust (1-2 %), Hildenbrandia (1-2 %). Substrate specific coverage: 1 %	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	<1 %	Sandy bottom with spread boulders and cobbles, wave ripples. Visibility really good	Invertebrates:	Dom by blue mussels (15 %), barnacles(<1-1 %), hydrozoans (1 %), bryozoans(<1 %), lugworm piles (1 %) on sand patches.	1-2 %			
Mud/silt (%)	<1 %			Fish:	European flounder (<1 %)	Overall coverage	Smell (Infauna)	Visible species (Infauna)
Sand (%)	60 %		Overall coverage			15 %		
Gravel (%)	10 %		Video file id:	INV_072	Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)
Cobbles <10 cm (%)	10 %				<1 %			
Boulders >10 cm (%)	20 %					Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:					
Mud/silt (%)				Fish:		Overall coverage	Depth	Temperature
Sand (%)			Overall coverage					
Gravel (%)			Video file id:			Others	QA: PEPE, invertebrates and flora changed. Liv	
Cobbles <10 cm (%)								
Boulders >10 cm (%)								

Kunde:	Energinet	Date:	2022-03-20	Area:	Baltic Sea	Planned target			
Project:	ENOE	Wind speed (m/s)	7 m/s	Station:	INV_073	Northing	Easting	Depth	
Vessel	Skoven	Wave height (m)	0,4	Note:	-	54°99,100	14°40,376	38 m	
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Sand		
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance	
ROV	09:00:00	38,00	54°99,101	14°40,365	SNIE	CELA	LEHE	Dist. 7 m	
CTDO								Dist. 6253937 m	
Haps Infauna	09:11:00	38,00	54°99,088	14°40,332	SNIE	CELA	LEHE	Dist. 31 m	
Haps Chem								Dist. 6253937 m	
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition			
Sediment type:	2	Sediment description:	Flora:	Red and brown crust (<1 %). Substrate specific coverage: 1-2 %	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)	
Clay (%)	0%	Sandy bottom with boulders and cobbles in varying sizes, wave ripples	Invertebrates:	Dom. by Pygospio elegans tubes (10-20 %) and piles from polychaetes incl. lugworm (<1-2 %); additionally many hydrozoans, blue mussels on rocks (coverage on rocks: <1-5 %, overall <1 %), barnacles and calcareous worms	<1 %	INF_INV_073	Fine sand, and a bit of organic material	Sandy brown	
Mud/silt (%)	4 %				Overall coverage	Smell (Infauna)	Visible species (Infauna)		
Sand (%)	93 %		10-20 %	None	Many Pygospio elegans worms, shell fragments				
Gravel (%)	0%		Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)			
Cobbles <10 cm (%)	1 %		<1 %						
Boulders >10 cm (%)	2 %		Video file id:	INV_073			Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)			
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity	
Clay (%)			Invertebrates:						
Mud/silt (%)					Overall coverage	Depth	Temperature	Remarks	
Sand (%)									
Gravel (%)			Overall coverage	Others	QA CELA: Species added, invertebrate coverage changed to interval, errors in sediment percentages corrected. Liv				
Cobbles <10 cm (%)									
Boulders >10 cm (%)			Video file id:						

Kunde:	Energinet	Date:	2022-03-20	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	7 m/s	Station:	INV_074	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	0,5	Note:	No HAPS possible	54°97,152	14°39,129	34 m
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Gravel and coarse sand	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	09:27:00	36,10	54°97,162	14°39,143	SNIE	CELA	LEHE	Dist. 15 m
CTDO								Dist. 6251631 m
Haps Infauna								Dist. 6251631 m
Haps Chem								Dist. 6251631 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	2	Sediment description:	Flora:	Brown crust (1 %), Hildenbrandia (1 %). Substrate specific coverage: 1 %	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%	Sandy with boulders and cobbels, irregular wave ripples.	Invertebrates:	Dom by blue mussels (5-15 %), piles of lugworms (1-5 %), tubes of Pygospio elegans (1-3 %) hydrozoans(1 %), barnacles(1 %), calcareous tube worms(<1 %); additionally lions mane jellyfish (<1 %).	<1 %			
Mud/silt (%)	1 %			Overall coverage	Smell (Infauna)	Visible species (Infauna)		
Sand (%)	80 %		Overall coverage					
Gravel (%)	2 %		Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)		
Cobbles <10 cm (%)	10 %			Fish:	None	0 %		
Boulders >10 cm (%)	7 %			Video file id:	INV_74	Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:					
Mud/silt (%)				Overall coverage	Depth	Temperature	Remarks	
Sand (%)			Overall coverage					
Gravel (%)			Overall coverage	Fish:				
Cobbles <10 cm (%)						Others	QA: PEPE, invertebrates and flora changed. Liv	
Boulders >10 cm (%)				Video file id:				

Kunde:	Energinet	Date:	2022-03-20	Area:	Baltic Sea	Planned target			
Project:	ENOE	Wind speed (m/s)	9 m/s	Station:	INV_075	Northing	Easting	Depth	
Vessel	Skoven	Wave height (m)	0,5	Note:	-	54°96,894	14°41,490	33 m	
ROV	Yes	Infauna	No	Chemistry	No	Expected substrate	Till/Diamicton		
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance	
ROV	09:44:00	33,50	54°96,890	14°41,459	SNIE	CELA	LEHE	Dist. 20 m	
CTDO								Dist. 6251810 m	
Haps Infauna								Dist. 6251810 m	
Haps Chem								Dist. 6251810 m	
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition			
Sediment type:	1b	Sediment description:	Flora:	Brown and red crust (<1 %). Substrate specific coverage: <1 %	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)	
Clay (%)	0%	Sandy bottom with tall wave ripples, a few cobbles and boulders. (Type 1b, with local type 2)	Invertebrates:	Dom. by infauna activity, mainly polychaete piles (<1-2 %), Pygospio elegans tubes (<1-1 %), blue mussels (coverage on rocks: 40-60 %, on sand (small clusters): <1-1 %. Overall: <1-5 %) with barnacles; additionally hydrozoans and white bivalve shells	<1 %				
Mud/silt (%)	1 %			Fish:	Gobies (<1 %)	Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	93 %				<1-5 %				
Gravel (%)	5 %				Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)	
Cobbles <10 cm (%)	1 %				<1 %				
Boulders >10 cm (%)	<1 %			Video file id:	INV_075	Smell (Chem)	Visible species (Chem)		
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)			
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity	
Clay (%)			Invertebrates:						
Mud/silt (%)				Fish:		Overall coverage	Depth	Temperature	Remarks
Sand (%)									
Gravel (%)					Overall coverage				
Cobbles <10 cm (%)						Others	QA CELA: Invertebrate coverage changed to interval, sediment description corrected. NB: local type 2 has overall blue mussel coverage of 15-20 %. Liv		
Boulders >10 cm (%)				Video file id:					

Kunde:	Energinet	Date:	2022-03-20	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	8 m/s	Station:	INV_076	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	0,5	Note:	3 attempts with haps - no sample possible	54°95,317	14°42,708	26 m
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Sand	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	10:45:00	27,20	54°95,314	14°42,711	SNIE	CELA	LEHE	Dist. 4 m
CTDO								Dist. 6250369 m
Haps Infauna								Dist. 6250369 m
Haps Chem								Dist. 6250369 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	2	Sediment description:	Flora:	Brown crust (<1 %), Hildenbrandia (<1 %), red algae (Coccolytus) (<1 %). Substrate specific coverage: <1 %	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%	Sandy substrate with boulders, cobbles, and gravel. Wave ripples in sand. Very good visibility	Invertebrates:	Dom by blue mussels (5-15 %), barnacles(1%), hydrozoans(1%) (coverage on rocks is >80%). Tubes of Pygospio elegans (1 %), piles of lugworms(<1 %), bryozoans (<1 %)	<1 %			
Mud/silt (%)	0%			Overall coverage	Smell (Infauna)	Visible species (Infauna)		
Sand (%)	80 %		Overall coverage	1-7 %				
Gravel (%)	5 %		Overall coverage	<1 %	Photo id (Chem)	Composition (Chem)	Colour (Chem)	
Cobbles <10 cm (%)	10 %		Video file id:	INV_076	Smell (Chem)	Visible species (Chem)		
Boulders >10 cm (%)	5 %							
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:					
Mud/silt (%)				Overall coverage		Depth	Temperature	Remarks
Sand (%)			Overall coverage					
Gravel (%)			Overall coverage					
Cobbles <10 cm (%)			Video file id:		Others	QA: PEPE, invertebrates and flora changed. Liv		
Boulders >10 cm (%)								

Kunde:	Energinet	Date:	2022-03-20	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	7 m/s	Station:	INV_077	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	0,5	Note:	-	54°93,628	14°41,207	26 m
ROV	Yes	Infauna	No	Chemistry	No	Expected substrate	Till/Diamicton	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	11:40:00	26,90	54°93,638	14°41,212	SNIE	CELA	LEHE	Dist. 12 m
CTDO								Dist. 6248290 m
Haps Infauna								Dist. 6248290 m
Haps Chem								Dist. 6248290 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	2	Sediment description:	Flora:	Brown and red crust (<1 %). Substrate specific coverage: <1 %	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%	Sandy bottom, scattered boulders, cobbles and gravel. Small and irregular wave ripples. Diverse area: many rocks in some locations, only sand in others.	Invertebrates:	Dom. by blue mussels (coverage on rocks: 70-90%, on sand (individuals): <1%, overall: 5-8%) and infauna activity, mainly Pygospio elegans tubes (<1-2%); additionally barnacles, bryozoans, hydrozoans, calcareous worms, lionsmane jellyfish and white shell fragments	Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Mud/silt (%)	<1 %		Fish:	European plaice (<1 %) and flounder tracks	Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)
Sand (%)	80 %		Video file id:	INV_077	Overall coverage	Smell (Chem)	Visible species (Chem)	
Gravel (%)	10 %		ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Cobbles <10 cm (%)	5 %		Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity
Boulders >10 cm (%)	5 %		Invertebrates:		Overall coverage	Depth	Temperature	Remarks
ROV Secondary visual verification (sediment)			Fish:		Overall coverage	Others		QA CELA: Species added, invertebrate coverage changed to interval, sediment description changed. NB: Blue mussel coverage in the areas with many rocks is 10-20 %. Liv
ROV Secondary visual verification (sediment)			Video file id:					

Kunde:	Energinet	Date:	2022-03-20	Area:	Baltic Sea	Planned target			
Project:	ENOE	Wind speed (m/s)	6 m/s	Station:	INV_078	Northing	Easting	Depth	
Vessel	Skoven	Wave height (m)	0,4	Note:	-	54°94,253	14°37,544	30 m	
ROV	Yes	Infauna	No	Chemistry	No	Expected substrate	Sand		
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance	
ROV	11:19:00	33,40	54°94,257	14°37,563	SNIE	CELA	LEHE	Dist. 13 m	
CTDO								Dist. 6248253 m	
Haps Infauna								Dist. 6248253 m	
Haps Chem								Dist. 6248253 m	
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition			
Sediment type:	1b	Sediment description:	Flora:	None	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)	
Clay (%)	0%	Sandy bottom with regular wave ripples, a bit of gravel.	Invertebrates:	Dom by tubes of Pygospio elegans (1-5 %), piles and holes from lugworms (1-3 %); additionally, red polychaetes (Scoloplos armiger)(<1 %).	0 %				
Mud/silt (%)	0%				Overall coverage	Smell (Infauna)	Visible species (Infauna)		
Sand (%)	97 %		Fish:	Dead European flounder, and a living one (<1 %).	1-5 %				
Gravel (%)	3 %				Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)	
Cobbles <10 cm (%)	0%		Video file id:	INV_078			Smell (Chem)	Visible species (Chem)	
Boulders >10 cm (%)	0%								
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)			
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity	
Clay (%)			Invertebrates:		Overall coverage	Depth	Temperature	Remarks	
Mud/silt (%)									
Sand (%)			Fish:		Overall coverage	Others QA: PEPE, invertebrates and fish changed. Liv			
Gravel (%)									
Cobbles <10 cm (%)			Video file id:						
Boulders >10 cm (%)									

Kunde:	Energinet	Date:	2022-03-09	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	1 m/s	Station:	INV_079	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	0,2	Note:	-	54°91,900	14°36,875	30 m
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Sand	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	17:14:00	27,20	54°91,891	14°36,923	MILS	SNIE	SEWE	Dist. 32 m
CTDO								Dist. 6245629 m
Haps Infauna	17:20:00	27,20	54°91,891	14°36,903	MILS	SNIE	SEWE	Dist. 21 m
Haps Chem								Dist. 6245629 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	1b	Sediment description:	Flora:	None	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%	Sand bottom (clean), might be some coarse sand, a few shell fragments.	Invertebrates:	Dom. by few signs of infauna, mainly polychaete tubes (<1-1 %) and holes from mussels and/or polychaetes; additionally blue mussels (individuals) (<1 %) with barnacles and white shell fragments	0 %	INF_INV_079	Sand, fine, medium, coarse and a bit of gravel	Sand and gravel colour
Mud/silt (%)	0%				Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	100 %		<1-1 %	None	Green polychaete, blue mussel, some organic material, and another polychaete			
Gravel (%)	0%		Fish:	Tracks from flatfish	Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)
Cobbles <10 cm (%)	0%				0 %			
Boulders >10 cm (%)	0%		Video file id:	INV_079		Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:		Overall coverage	Depth	Temperature	Remarks
Mud/silt (%)					Overall coverage			
Sand (%)			Fish:		Overall coverage	Others	QA CELA: Invertebrate description changed and coverage changed to interval. Liv	
Gravel (%)								
Cobbles <10 cm (%)			Video file id:					
Boulders >10 cm (%)								

Kunde:	Energinet	Date:	2022-03-09	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	2 m/s	Station:	INV_080	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	0,2	Note:	-	54°90,567	14°32,428	35 m
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Sand	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	16:49:00	30,00	54°90,561	14°32,406	MILS	CELA	SEWE	Dist. 15 m
CTDO								Dist. 6243365 m
Haps Infauna	16:57:00	30,00	54°90,577	14°32,422	MILS	CELA	SEWE	Dist. 12 m
Haps Chem								Dist. 6243365 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	1b	Sediment description:	Flora:	Brown crust (<1 %), Hildenrandia (<1 %). Substrate specific coverage: <1 %	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%	Sand bottom with distinct ripples, fine, medium and coarse sand, gravel, and cobbles and a boulders	Invertebrates:	Dom by clusters of blue mussels (1-2 %), hydrozoans (<1 %), calcareous tube worms (<1 %), barnacles (<1 %), holes in the sediment from polychaetes or bivalves (<1 %), some piles of lugworms.	<1 %	INF_INV_080	Sand, a lot of gravel, and a lot of clay (klumper)	Sand colour
Mud/silt (%)	0%				Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	95 %		<1-2 %	None	Amphipods			
Gravel (%)	4 %		Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)		
Cobbles <10 cm (%)	1 %		<1 %					
Boulders >10 cm (%)	<1 %		Video file id:	INV_080			Smell (Chem)	Visible species (Chem)
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:		Overall coverage	Depth	Temperature	Remarks
Mud/silt (%)					Overall coverage	Others		QA: PEPE, invertebrates and flora changed. Liv
Sand (%)								
Gravel (%)								
Cobbles <10 cm (%)								
Boulders >10 cm (%)			Video file id:					

Kunde:	Energinet	Date:	2022-03-09	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	2 m/s	Station:	INV_081	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	0,2	Note:	-	54°88,299	14°30,742	33 m
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Sand	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	15:55:00	28,40	54°88,300	14°30,727	MILS	CELA	SEWE	Dist. 10 m
CTDO								Dist. 6240637 m
Haps Infauna	16:02:00	28,40	54°88,307	14°30,720	MILS	CELA	SEWE	Dist. 17 m
Haps Chem								Dist. 6240637 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	1b	Sediment description:	Flora:	None	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%	Sandy bottom with distinct ripples. Fine to medium grained sand.	Invertebrates:	Dom. by Pygospio elegans (2-10 %); additionally blue mussels (clusters) (<1-1 %) with barnacles, piles from lugworm (<1 %) and shell fragments	0 %	INF_INV_081	Sand with gravel and some cobbles with a lot of worm tubes	Sand colour
Mud/silt (%)	0%			Overall coverage	Smell (Infauna)	Visible species (Infauna)		
Sand (%)	100 %		2-10 %	None	Polychaete x 3			
Gravel (%)	0%		Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)		
Cobbles <10 cm (%)	0%		0 %	Fish:	Flounder tracks			
Boulders >10 cm (%)	0%		Video file id:	INV_081		Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:					
Mud/silt (%)				Overall coverage	Depth	Temperature	Remarks	
Sand (%)								
Gravel (%)			Overall coverage	Others	QA CELA: Invertebrate description changed and coverage changed to interval. Liv			
Cobbles <10 cm (%)								
Boulders >10 cm (%)			Video file id:					

Kunde:	Energinet	Date:	2022-03-09	Area:	Baltic Sea	Planned target			
Project:	ENOE	Wind speed (m/s)	2 m/s	Station:	INV_082	Northing	Easting	Depth	
Vessel	Skoven	Wave height (m)	0,2	Note:	-	54°87,597	14°26,681	32 m	
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Sand		
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance	
ROV	16:17:00	33,10	54°87,607	14°26,659	MILS	SNIE	SEWE	Dist. 18 m	
CTDO								Dist. 6239120 m	
Haps Infauna	16:25:00	33,10	54°87,604	14°26,644	MILS	SNIE	SEWE	Dist. 25 m	
Haps Chem								Dist. 6239120 m	
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition			
Sediment type:	1b	Sediment description:	Flora:	Debris from macroalgae or eelgrass	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)	
Clay (%)	0%	Sandy to silty bottom with tubes. Mainly fine grained sand. Distinct but not regular ripples.	Invertebrates:	Dom by tubes from Pygospio elegans (1-5 %) and lugworm piles (1-5 %), white bivalve (Mya) (<1 %), cluster of blue mussels (<1 %)	0 %	INF_INV_082	Only sand	Sand colour	
Mud/silt (%)	0%			Fish:	Sand gobies (<1 %)	Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	100 %		1-5 %			None	Different worms and tubes from worms, a few mussel fragments and organic debris		
Gravel (%)	0%		Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)			
Cobbles <10 cm (%)	0%		<1 %						
Boulders >10 cm (%)	0%		Video file id:	INV_082			Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)			
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity	
Clay (%)			Invertebrates:		Overall coverage	Depth	Temperature	Remarks	
Mud/silt (%)									
Sand (%)			Fish:		Overall coverage	Others QA: PEPE, invertebrates changed. Liv			
Gravel (%)									
Cobbles <10 cm (%)			Video file id:						
Boulders >10 cm (%)									

Kunde:	Energinet	Date:	2022-03-08	Area:	Baltic Sea	Planned target			
Project:	ENOE	Wind speed (m/s)	5 m/s	Station:	INV_083	Northing	Easting	Depth	
Vessel	Skoven	Wave height (m)	0,4	Note:	Good visibility	54°85,048	14°23,517	30 m	
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Sand		
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance	
ROV	17:24:00	29,00	54°85,041	14°23,536	MILS	SNIE	SEWE	Dist. 14 m	
CTDO								Dist. 6235813 m	
Haps Infauna	17:30:00	29,00	54°85,041	14°23,538	MILS	SNIE	SEWE	Dist. 16 m	
Haps Chem								Dist. 6235813 m	
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition			
Sediment type:	1b	Sediment description:	Flora:	None	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)	
Clay (%)	0%	Sandy bottom maybe with a little bit of gravel. Ripples. Fine to medium grained sand.	Invertebrates:	Dom. by infauna activity such as polychaete tubes (mainly Pygospio elegans (<1-5 %), but at least two other species (<1 %) and lugworm piles (<1 %); additionally blue mussels (small clusters) (<1 %), sand gaper (Mya arenaria) (<1 %) and shell fragments	0 %	INF_INV_83	Fine to medium sand with a few mussels (dead)	Sand colour	
Mud/silt (%)	0%				Overall coverage	Smell (Infauna)	Visible species (Infauna)		
Sand (%)	98 %		<1-5 %	None	Red worm, white worm, black worm				
Gravel (%)	2 %		Overall coverage	Fish:	None	Photo id (Chem)	Composition (Chem)	Colour (Chem)	
Cobbles <10 cm (%)	0%					0 %			
Boulders >10 cm (%)	0%		Video file id:	INV_083			Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)			
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity	
Clay (%)			Invertebrates:		Overall coverage	Depth	Temperature	Remarks	
Mud/silt (%)									Fish:
Sand (%)			Video file id:						
Gravel (%)									
Cobbles <10 cm (%)									
Boulders >10 cm (%)									

Kunde:	Energinet	Date:	2022-03-08	Area:	Baltic Sea	Planned target			
Project:	ENOE	Wind speed (m/s)	5 m/s	Station:	INV_084	Northing	Easting	Depth	
Vessel	Skoven	Wave height (m)	0,4	Note:	-	54°82,892	14°21,872	26 m	
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Gravel and coarse sand		
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance	
ROV	17:05:00	27,20	54°82,885	14°21,880	SNIE	MILS	SEWE	Dist. 10 m	
CTDO								Dist. 6233211 m	
Haps Infauna	18:16:00	27,20	54°82,894	14°21,882	SNIE	CELA	PEPE	Dist. 7 m	
Haps Chem								Dist. 6233211 m	
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition			
Sediment type:	1b	Sediment description:	Flora:	None	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)	
Clay (%)	0%	Sandy with gravel. Linear sand ripples	Invertebrates:	Dom by blue mussels (all alive) 5 %	0 %	INF_INV_084	Sand, gravel, shell fragment	Grey	
Mud/silt (%)	0%				Overall coverage	Smell (Infauna)	Visible species (Infauna)		
Sand (%)	85 %		5 %	None	Blue mussels, polychaete				
Gravel (%)	15 %		Overall coverage	Fish:	None	Photo id (Chem)	Composition (Chem)	Colour (Chem)	
Cobbles <10 cm (%)	0%					0 %			
Boulders >10 cm (%)	0%		Video file id:	INV_084			Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)			
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity	
Clay (%)			Invertebrates:		Overall coverage	Depth	Temperature	Remarks	
Mud/silt (%)									
Sand (%)			Overall coverage	Fish:			Others QA: PEPE, invertebrates changed. Liv		
Gravel (%)									
Cobbles <10 cm (%)			Video file id:						
Boulders >10 cm (%)									

Kunde:	Energinet	Date:	2022-03-07	Area:	Baltic Sea	Planned target			
Project:	ENOE	Wind speed (m/s)	7 m/s	Station:	INV_085	Northing	Easting	Depth	
Vessel	Skoven	Wave height (m)	0,4	Note:	Good visibility	54°97,165	14°97,789	24 m	
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Sand		
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance	
ROV	08:43:00	25,00	54°97,160	14°97,816	MILS	SNIE	CELA	Dist. 18 m	
CTDO								Dist. 6263057 m	
Haps Infauna	08:48:00	25,00	54°97,173	14°97,764	MILS	SNIE	CELA	Dist. 19 m	
Haps Chem								Dist. 6263057 m	
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition			
Sediment type:	1b	Sediment description:	Flora:	Drifting Polysiphonia and eelgrass	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)	
Clay (%)	0%	Small rocks with blue mussels, fine grained sandy bottom with mud/silt, small ripples.	Invertebrates:	Dom. by tracks from infauna activity and polychaete tubes, mainly Pygospio elegans (1-5 %) but at least one other species (<1-1 %); additionally blue mussels (small clusters) (<1 %) with barnacles, bryozoans, shells from sand gaper and cockle and shell fragments	0 %	INF_INV_085	Fine sand	Grey with black in it	
Mud/silt (%)	15 %				Overall coverage	Smell (Infauna)	Visible species (Infauna)		
Sand (%)	80 %		Fish:	Goby (<1 %)	1-5 %	None	Worms, one Macoma balthica		
Gravel (%)	5 %		Video file id:	INV_085	Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)	
Cobbles <10 cm (%)	0%				<1 %				
Boulders >10 cm (%)	0%					Smell (Chem)	Visible species (Chem)		
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)			
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity	
Clay (%)			Invertebrates:		Overall coverage	Depth	Temperature	Remarks	
Mud/silt (%)					Overall coverage				
Sand (%)			Fish:		Overall coverage	Others	QA CELA: Species added, invertebrate description changed and coverage changed to interval. Liv		
Gravel (%)			Video file id:						
Cobbles <10 cm (%)									
Boulders >10 cm (%)									

Kunde:	Energinet	Date:	2022-03-07	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	3 m/s	Station:	INV_086	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	0,4	Note:	-	54°93,830	14°96,976	37 m
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Sand	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	09:08:00	39,20	54°93,818	14°96,965	MILS	SNIE	CELA	Dist. 15 m
CTDO								Dist. 6259370 m
Haps Infauna	09:15:00	39,20	54°93,815	14°96,973	MILS	SNIE	CELA	Dist. 16 m
Haps Chem								Dist. 6259370 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	1b	Sediment description:	Flora:	Drifting plant material	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%	Mud/silt, very shallow ripples, homogenous, flat bottom	Invertebrates:	Dom by tubes from polychaetes (pygospio)(1-5 %), holes from infauna made by polychaetes or bivalves(1 %), a lot of shrimps(<1 %), blue mussels(<1 %) and hydrozoans(< 1%)	0 %	INF_INV_086	Only silt	Dark grey
Mud/silt (%)	50 %			Overall coverage	Smell (Infauna)	Visible species (Infauna)		
Sand (%)	50 %		1-5 %	None	6 Macoma baltica, worms, amphipods maybe			
Gravel (%)	0%		Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)		
Cobbles <10 cm (%)	0%		<1 %	A lot of flounder tracks, sand goby (<1 %)				
Boulders >10 cm (%)	0%		Video file id:	INV_086	Smell (Chem)	Visible species (Chem)		
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:					
Mud/silt (%)				Overall coverage	Depth	Temperature	Remarks	
Sand (%)								
Gravel (%)			Overall coverage	Others	QA: PEPE, invertebrates changed. Liv			
Cobbles <10 cm (%)								
Boulders >10 cm (%)			Video file id:					

Kunde:	Energinet	Date:	2022-03-07	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	8 m/s	Station:	INV_087	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	0,4	Note:	-	54°93,641	14°89,645	37 m
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Sand	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	07:23:00	36,90	54°93,622	14°89,671	MILS	SNIE	PEPE	Dist. 27 m
CTDO								Dist. 6257720 m
Haps Infauna	07:30:00	36,90	54°93,627	14°89,625	MILS	SNIE	PEPE	Dist. 20 m
Haps Chem								Dist. 6257720 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	1b	Sediment description:	Flora:	None	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%	Fine sandy/ silty bottom, some signs from bivalves or worms, organic material. Orange rubber glove found on sea bed (with blue mussels, barnacles, bryozoans). Skeleton possibly from fish.	Invertebrates:	Dom. by Pygospio elegans tubes (5-15 %); additionally many shrimps (<1-1 %), blue mussels (<1 %) and bryozoans (on glove)	0 %	INF_INV_087	Mud, fine sand/silt, organic material	Grey and brown grey
Mud/silt (%)	40 %		Fish:	Flounder tracks	Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	60 %				5-15 %	None	Worms, bivalve	
Gravel (%)	0%				Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)
Cobbles <10 cm (%)	0%				0 %			
Boulders >10 cm (%)	0%			Video file id:	INV_087	Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:					
Mud/silt (%)			Fish:		Overall coverage	Depth	Temperature	Remarks
Sand (%)								
Gravel (%)					Overall coverage			
Cobbles <10 cm (%)				Video file id:		Others	QA CELA: Species added, invertebrate description changed and coverage changed to interval. Liv	
Boulders >10 cm (%)								

Kunde:	Energinet	Date:	2022-03-07	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	8 m/s	Station:	INV_088	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	0,3	Note:	Good visibility	54°92,530	14°85,515	36 m
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Sand	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	06:36:00	34,20	54°92,528	14°85,527	MILS	SNIE	PEPE	Dist. 8 m
CTDO								Dist. 6255730 m
Haps Infauna	06:41:00	34,20	54°92,522	14°85,495	MILS	SNIE	PEPE	Dist. 16 m
Haps Chem								Dist. 6255730 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	1b	Sediment description:	Flora:	Drifting red algae	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%	Fine sandy bottom, mud, silt, 34,2 meters depth, fine sand ripples and organic material	Invertebrates:	Dom by tubes of Pygospio elegans (2-10 %), shrimps(<1 %), cluster of blue mussels (<1 %), red polychaete (Scoloplos armiger) (<1 %), white shell fragments (<1 %).	0 %	INF_INV_088	3 cm mud, fine sand, gravel	Grey
Mud/silt (%)	65 %			Overall coverage	Smell (Infauna)	Visible species (Infauna)		
Sand (%)	35 %		2-10 %	None	Some polychaetes, two bivalve (Macoma balthica)			
Gravel (%)	0%		Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)		
Cobbles <10 cm (%)	0%		<1 %					
Boulders >10 cm (%)	0%		Video file id:	INV_088		Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:					
Mud/silt (%)				Overall coverage	Depth	Temperature	Remarks	
Sand (%)								
Gravel (%)			Overall coverage	Others QA: PEPE, invertebrates changed. Liv				
Cobbles <10 cm (%)								
Boulders >10 cm (%)			Video file id:					

Kunde:	Energinet	Date:	2022-03-07	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	8 m/s	Station:	INV_089	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	0,3	Note:	-	54°91,272	14°88,838	42 m
ROV	Yes	Infauna	No	Chemistry	No	Expected substrate	Quarternary clay and silt	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	06:56:00	41,00	54°91,258	14°88,852	MILS	SNIE	PEPE	Dist. 18 m
CTDO								Dist. 6255055 m
Haps Infauna								Dist. 6255055 m
Haps Chem								Dist. 6255055 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	1a	Sediment description:	Flora:	Drifting algae	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%	Silty, muddy bottom, flat and soft, homogeneous, holes from bivalves or worms, some marine snow	Invertebrates:	Dom. by polychaete tubes (Pygospio elegans (<1-3 %) and at least one other species (<1 %)); additionally blue mussels (a few small clusters) (<1 %), Arctica islandica, small hydrozoans and shrimps (<1 %)	0 %			
Mud/silt (%)	90 %			Overall coverage	Smell (Infauna)	Visible species (Infauna)		
Sand (%)	10 %		Overall coverage					
Gravel (%)	0%		Fish:	European flounder (<1 %), flounder tracks	Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)
Cobbles <10 cm (%)	0%				<1 %			
Boulders >10 cm (%)	0%		Video file id:	INV_089	Smell (Chem)	Visible species (Chem)		
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:					
Mud/silt (%)				Overall coverage	Depth	Temperature	Remarks	
Sand (%)			Overall coverage					
Gravel (%)			Fish:				Others QA CELA: Species added, invertebrate description changed and coverage changed to interval. Liv	
Cobbles <10 cm (%)								
Boulders >10 cm (%)			Video file id:					

Kunde:	Energinet	Date:	2022-03-07	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	6 m/s	Station:	INV_090	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	0,5	Note:	-	54°90,866	14°96,521	44 m
ROV	Yes	Infauna	No	Chemistry	No	Expected substrate	Quaternary clay and silt	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	09:36:00	48,00	54°90,855	14°96,506	MILS	SNIE	CELA	Dist. 15 m
CTDO								Dist. 6256147 m
Haps Infauna								Dist. 6256147 m
Haps Chem								Dist. 6256147 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	1a	Sediment description:	Flora:	Drifting plant material	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%	Muddy/ silty bottonm, no ripples, flat, tracks and indentations	Invertebrates:	Dom by holes from polychaetes or bivalves (1 %), small tubes of Pygospio elegans (1 %), dead jellyfish (<1 %), shrimps (<1 %).	0 %			
Mud/silt (%)	90 %			Overall coverage	Smell (Infauna)	Visible species (Infauna)		
Sand (%)	10 %		Fish:	Many flounder tracks	<1-1 %			
Gravel (%)	0%				Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)
Cobbles <10 cm (%)	0%				0 %			
Boulders >10 cm (%)	0%		Video file id:	INV_090		Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:					
Mud/silt (%)				Overall coverage	Depth	Temperature	Remarks	
Sand (%)			Fish:		Overall coverage			
Gravel (%)						Others	QA: PEPE, invertebrates changed. Liv	
Cobbles <10 cm (%)								
Boulders >10 cm (%)			Video file id:					

Kunde:	Energinet	Date:	2022-03-07	Area:	Baltic Sea	Planned target			
Project:	ENOE	Wind speed (m/s)	7 m/s	Station:	INV_091	Northing	Easting	Depth	
Vessel	Skoven	Wave height (m)	0,5	Note:	Ship experienced drifting	54°89,750	14°92,199	44 m	
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Quaternary clay and silt		
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance	
ROV	09:57:00	46,20	54°89,747	14°92,192	SNIE	PEPE	CELA	Dist. 6 m	
CTDO								Dist. 6254111 m	
Haps Infauna	10:03:00	46,20	54°89,743	14°92,183	SNIE	PEPE	CELA	Dist. 13 m	
Haps Chem								Dist. 6254111 m	
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition			
Sediment type:	1a	Sediment description:	Flora:	None	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)	
Clay (%)	0%	Soft and flat silty/muddy bottom with few signs of infauna activity, no ripples.	Invertebrates:	Few species/low abundance dom. by tubes from Pygospio elegans (<1 %) and another polychaete (<1 %), bivalves sp. (<1 %)	0 %	INF_INV_091	Mud, silt	Light brown bottom, grey	
Mud/silt (%)	100 %				Overall coverage	Smell (Infauna)	Visible species (Infauna)		
Sand (%)	0%		Fish:	Dab, sand gobies (<1 %) and flounder tracks	<1 %	None	Pygospio elegans (polychaetes), Macoma balthica, empty bivalve shells		
Gravel (%)	0%				Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)	
Cobbles <10 cm (%)	0%		Video file id:	INV_091	<1 %				
Boulders >10 cm (%)	0%				Smell (Chem)	Visible species (Chem)			
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)			
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity	
Clay (%)			Invertebrates:						
Mud/silt (%)					Overall coverage	Depth	Temperature	Remarks	
Sand (%)			Fish:		Overall coverage				
Gravel (%)									
Cobbles <10 cm (%)			Video file id:			Others	QA CELA: Species added, invertebrate description changed and coverage changed to interval, sediment description changed slightly. Liv		
Boulders >10 cm (%)									

Kunde:	Energinet	Date:	2022-03-07	Area:	Baltic Sea	Planned target					
Project:	ENOE	Wind speed (m/s)	6 m/s	Station:	INV_092	Northing	Easting	Depth			
Vessel	Skoven	Wave height (m)	0,5	Note:	-	54°87,436	14°95,304	47 m			
ROV	Yes	Infauna	No	Chemistry	No	Expected substrate	Quaternary clay and silt				
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance			
ROV	10:56:00	53,10	54°87,423	14°95,271	SNIE	PEPE	CELA	Dist. 26 m			
CTDO								Dist. 6252281 m			
Haps Infauna								Dist. 6252281 m			
Haps Chem								Dist. 6252281 m			
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition					
Sediment type:	1a	Sediment description:	Flora:	Drifting macroalgae (red) and eelgrass	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)			
Clay (%)	0%	Soft, flat bottom, very fine grained sediment, mud/silt, no ripples, maybe clay underneath, cannot land with ROV without disturbing the bottom	Invertebrates:	Some holes from either bivalves or polychaetes (<1%), blue mussels(<1%); additionally a jellyfish (<1 %).	Overall coverage	Smell (Infauna)	Visible species (Infauna)				
Mud/silt (%)	100 %		Fish:	Flounder tracks, sand gobies (<1 %).	Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)			
Sand (%)	0%		Video file id:	INV_092	Smell (Chem)	Visible species (Chem)					
Gravel (%)	0%		ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Cobbles <10 cm (%)	0%		Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity			
Boulders >10 cm (%)	0%		Invertebrates:		Overall coverage	Depth	Temperature	Remarks			
ROV Secondary visual verification (sediment)			Fish:		Overall coverage	Others	QA: PEPE, invertebrates changed. Liv				
Sediment type:		Sediment description:	Video file id:								
Clay (%)											
Mud/silt (%)											
Sand (%)											
Gravel (%)											
Cobbles <10 cm (%)											
Boulders >10 cm (%)											

Kunde:	Energinet	Date:	2022-03-07	Area:	Baltic Sea	Planned target			
Project:	ENOE	Wind speed (m/s)	6 m/s	Station:	INV_093	Northing	Easting	Depth	
Vessel	Skoven	Wave height (m)	0,5	Note:	-	54°88,955	14°87,624	41 m	
ROV	Yes	Infauna	No	Chemistry	No	Expected substrate	Quarternary clay and silt		
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance	
ROV	10:25:00	44,30	54°88,930	14°87,610	SNIE	PEPE	CELA	Dist. 29 m	
CTDO								Dist. 6252365 m	
Haps Infauna								Dist. 6252365 m	
Haps Chem								Dist. 6252365 m	
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition			
Sediment type:	2	Sediment description:	Flora:	Brown crust (<1 %), drifting furcellaria. Substrate specific coverage: <1 %	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)	
Clay (%)	0%	Muddy, silty, soft bottom, no ripples, infauna activity, few rocks	Invertebrates:	Dom. by signs of infauna activity and Pygospio elegans tubes (2-10 %); additionally hydrozoans (on rocks), blue mussels (on rocks) (<1 %) with barnacles, shrimps (<1 %), calcareous worms, Macoma balthica, shells from cockle and other white bivalve shells	Overall coverage	Smell (Infauna)	Visible species (Infauna)		
Mud/silt (%)	98 %			2-10 %					
Sand (%)	0%		Fish:	Gobies (<1 %), flounder tracks	Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)	
Gravel (%)	0%			<1 %					
Cobbles <10 cm (%)	<1%		Video file id:	INV_092	Smell (Chem)	Visible species (Chem)			
Boulders >10 cm (%)	2 %								
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)			
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity	
Clay (%)			Invertebrates:		Overall coverage	Depth	Temperature	Remarks	
Mud/silt (%)									
Sand (%)			Fish:		Overall coverage	Others	QA CELA: Species added, invertebrate description changed and coverage changed to interval, sediment description changed slightly. Liv		
Gravel (%)									
Cobbles <10 cm (%)			Video file id:						
Boulders >10 cm (%)									

Kunde:	Energinet	Date:	2022-03-07	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	9 m/s	Station:	INV_094	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	0,3	Note:	Good visibility	54°90,204	14°83,752	38 m
ROV	Yes	Infauna	No	Chemistry	No	Expected substrate	Sand	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	06:13:00	38,30	54°90,189	14°83,756	MILS	SNIE	PEPE	Dist. 17 m
CTDO								Dist. 6252923 m
Haps Infauna								Dist. 6252923 m
Haps Chem								Dist. 6252923 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	1a	Sediment description:	Flora:	None	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%	Muddy bottom, some weak ripples, few tracks from infaunal activity, some organic material	Invertebrates:	Dom by holes from either polychaetes or bivalves (<1 %), tubes of Pygospio elegans (<1 %), shrimps(<1%), hydrozoans (<1 %)	0 %			
Mud/silt (%)	90 %				Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	10 %		Fish:	Sand gobies (<1 %), flounder tracks	<1 %			
Gravel (%)	0%				Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)
Cobbles <10 cm (%)	0%		Video file id:	INV_094		Smell (Chem)	Visible species (Chem)	
Boulders >10 cm (%)	0%							
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:					
Mud/silt (%)					Overall coverage	Depth	Temperature	Remarks
Sand (%)			Fish:					
Gravel (%)					Overall coverage			
Cobbles <10 cm (%)			Video file id:			Others	QA: PEPE, invertebrates changed. Liv	
Boulders >10 cm (%)								

Kunde:	Energinet	Date:	2022-03-07	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	7 m/s	Station:	INV_095	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	0,4	Note:	-	54°95,326	14°93,263	31 m
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Sand	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	08:14:00	33,50	54°95,311	14°93,267	MILS	SNIE	CELA	Dist. 17 m
CTDO								Dist. 6260217 m
Haps Infauna	08:22:00	33,50	54°95,301	14°93,254	MILS	SNIE	CELA	Dist. 29 m
Haps Chem								Dist. 6260217 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	1b	Sediment description:	Flora:	Quite a lot of floating debree macroalgae/eelgrass	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%	Muddy/ silty bottom, soft with very faint ripples	Invertebrates:	Dom. by Pygospio elegans tubes (1-3 %); additionally blue mussels (individuals) (<1 %) , hydrozoans (on drifting macroalgae), shells from cockle	0 %	INF_INV_095	1 cm mud on top, almost 100% silt, no sand	Brown/grey on top, rest grey
Mud/silt (%)	45 %			Overall coverage	Smell (Infauna)	Visible species (Infauna)		
Sand (%)	55 %		1-3 %	None	Worms, plant material, empty bivalve shells			
Gravel (%)	0%		Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)		
Cobbles <10 cm (%)	0%						<1 %	
Boulders >10 cm (%)	0%		Video file id:	INV_095		Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:					
Mud/silt (%)				Overall coverage	Depth	Temperature	Remarks	
Sand (%)			Overall coverage	Fish:		Others	QA CELA: Species added, invertebrate description changed and coverage changed to interval. Liv	
Gravel (%)								
Cobbles <10 cm (%)								
Boulders >10 cm (%)			Video file id:					

Kunde:	Energinet	Date:	2022-03-07	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	6 m/s	Station:	INV_096	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	0,4	Note:	-	54°82,507	14°95,547	52 m
ROV	Yes	Infauna	No	Chemistry	No	Expected substrate	Quaternary clay and silt	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	11:23:00	52,60	54°82,500	14°95,506	SNIE	PEPE	SEWE	Dist. 27 m
CTDO								Dist. 6247118 m
Haps Infauna								Dist. 6247118 m
Haps Chem								Dist. 6247118 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	1a	Sediment description:	Flora:	None	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	10 %	Muddy, flat bottom, soft, clay underneath.	Invertebrates:	Dom by tubes from <i>Pygospio elegans</i> (10-30 %), shell fragments (bivalves)(<1 %); additionally hydrozoans (<1 %), lionsmane jellyfish (<1 %), some holes and piles from lugworms (<1 %), a red polychaete (<i>Scoloplos armiger</i>) (<1 %).	0 %			
Mud/silt (%)	90 %				Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	0%		10-30 %					
Gravel (%)	0%		Fish:	Flounder tracks	Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)
Cobbles <10 cm (%)	0%				<1 %			
Boulders >10 cm (%)	0%		Video file id:	INV_096		Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:		Overall coverage	Depth	Temperature	Remarks
Mud/silt (%)								
Sand (%)			Fish:		Overall coverage	Others QA: PEPE, Invertebrates and fish changed. Liv		
Gravel (%)								
Cobbles <10 cm (%)			Video file id:					
Boulders >10 cm (%)								

Kunde:	Energinet	Date:	2022-03-07	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	5 m/s	Station:	INV_097	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	0,5	Note:	-	54°79,628	14°94,044	55 m
ROV	Yes	Infauna	No	Chemistry	No	Expected substrate	Quaternary clay and silt	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	12:07:00	59,30	54°79,627	14°94,043	MILS	PEPE	SEWE	Dist. 1 m
CTDO								Dist. 6243776 m
Haps Infauna								Dist. 6243776 m
Haps Chem								Dist. 6243776 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	1a	Sediment description:	Flora:	None	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%	Muddy, silty bottom, flat and soft, a few signs from infauna activity, small holes, very soft bottom	Invertebrates:	Very few species/low abundance: a few signs of infauna activity incl. a polychaete tube (<1 %), a shrimp (<1 %)	0 %			
Mud/silt (%)	100 %				Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	0%		Fish:	Flounder tracks	<1 %			
Gravel (%)	0%				Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)
Cobbles <10 cm (%)	0%				0 %			
Boulders >10 cm (%)	0%		Video file id:	INV_097		Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:					
Mud/silt (%)					Overall coverage	Depth	Temperature	Remarks
Sand (%)			Fish:					
Gravel (%)					Overall coverage	Others QA CELA: invertebrate description changed. Liv		
Cobbles <10 cm (%)								
Boulders >10 cm (%)			Video file id:					

Kunde:	Energinet	Date:	2022-03-07	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	4 m/s	Station:	INV_098	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	0,5	Note:	-	54°76,807	14°93,962	57 m
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Muddy sand	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	12:28:00	59,40	54°76,806	14°93,946	MILS	PEPE	SEWE	Dist. 10 m
CTDO								Dist. 6240778 m
Haps Infauna	12:35:00	59,40	54°76,808	14°93,951	MILS	PEPE	SEWE	Dist. 7 m
Haps Chem								Dist. 6240778 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	1a	Sediment description:	Flora:	None	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%	Silty muddy bottom, few signs of infaunal activity.	Invertebrates:	Dom by holes from infauna made by either polychaetes or bivalves (<1 %), shrimp (<1 %).	0%	INF_INV_098	Muddy silt	Brown on top, the rest is grey
Mud/silt (%)	100 %				Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	0%		<1 %	Moderate sulfur	A single little worm			
Gravel (%)	0%		Fish:	Flounder tracks	Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)
Cobbles <10 cm (%)	0%				<1 %			
Boulders >10 cm (%)	0%		Video file id:	INV_098		Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:		Overall coverage	Depth	Temperature	Remarks
Mud/silt (%)								
Sand (%)			Fish:		Overall coverage	Others QA: PEPE, invertebrates changed. Liv		
Gravel (%)								
Cobbles <10 cm (%)			Video file id:					
Boulders >10 cm (%)								

Kunde:	Energinet	Date:	2022-03-07	Area:	Baltic Sea	Planned target			
Project:	ENOE	Wind speed (m/s)	4 m/s	Station:	INV_099	Northing	Easting	Depth	
Vessel	Skoven	Wave height (m)	0,4	Note:	-	54°74,318	14°91,379	55 m	
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Muddy sand		
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance	
ROV	12:54:00	58,60	54°74,312	14°91,375	MILS	PEPE	SEWE	Dist. 7 m	
CTDO								Dist. 6237633 m	
Haps Infauna	13:01:00	58,60	54°74,326	14°91,362	MILS	PEPE	SEWE	Dist. 14 m	
Haps Chem								Dist. 6237633 m	
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition			
Sediment type:	1a	Sediment description:	Flora:	None	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)	
Clay (%)	0%	Soft silty/ muddy bottom	Invertebrates:	Only one observed species in low abundance: few signs of infauna activity and Pygospio elegans tubes (<1%)	0 %	INF_INV_099	Mix of mud and silt	Dark grey / brown grey	
Mud/silt (%)	100 %				Overall coverage	Smell (Infauna)	Visible species (Infauna)		
Sand (%)	0%				<1 %	Strong sulphur	Pygospio elegans, shell fragments		
Gravel (%)	0%		Fish:	Sand goby (<1 %), flounder tracks	Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)	
Cobbles <10 cm (%)	0%				<1 %				
Boulders >10 cm (%)	0%		Video file id:	INV_099			Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)			
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity	
Clay (%)			Invertebrates:		Overall coverage	Depth	Temperature	Remarks	
Mud/silt (%)					Overall coverage				
Sand (%)					Overall coverage				
Gravel (%)			Fish:		Overall coverage	Others	QA CELA: invertebrates changed. Liv		
Cobbles <10 cm (%)									
Boulders >10 cm (%)			Video file id:						

Kunde:	Energinet	Date:	2022-03-07	Area:	Baltic Sea	Planned target			
Project:	ENOE	Wind speed (m/s)	5 m/s	Station:	INV_100	Northing	Easting	Depth	
Vessel	Skoven	Wave height (m)	0,4	Note:	-	54°71,630	14°92,997	52 m	
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Muddy sand		
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance	
ROV	13:19:00	57,90	54°71,618	14°92,977	MILS	PEPE	SEWE	Dist. 19 m	
CTDO								Dist. 6235114 m	
Haps Infauna	13:26:00	57,90	54°71,634	14°92,989	MILS	PEPE	SEWE	Dist. 7 m	
Haps Chem								Dist. 6235114 m	
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition			
Sediment type:	1a	Sediment description:	Flora:	None	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)	
Clay (%)	0%	Muddy silty bottom, soft and flat bottom, depression maybe from trawl	Invertebrates:	Dom by few holes/depressions made by infauna either polychaetes or bivalves (<1 %), shrimp (<1 %).	0 %	INF_INV_100	Mix of mud and silt	Dark grey / brown grey	
Mud/silt (%)	100 %				Overall coverage	Smell (Infauna)	Visible species (Infauna)		
Sand (%)	0%		<1 %	Strong sulfur	Maybe a small mussel				
Gravel (%)	0%		Overall coverage	Fish:	Flounder tracks	Photo id (Chem)	Composition (Chem)	Colour (Chem)	
Cobbles <10 cm (%)	0%					<1 %			
Boulders >10 cm (%)	0%		Video file id:	INV_100			Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)			
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity	
Clay (%)			Invertebrates:		Overall coverage	Depth	Temperature	Remarks	
Mud/silt (%)									
Sand (%)			Overall coverage	Fish:			Others QA: PEPE, invertebrates changed. Liv		
Gravel (%)									
Cobbles <10 cm (%)			Video file id:						
Boulders >10 cm (%)									

Kunde:	Energinet	Date:	2022-03-07	Area:	Baltic Sea	Planned target			
Project:	ENOE	Wind speed (m/s)	5 m/s	Station:	INV_101	Northing	Easting	Depth	
Vessel	Skoven	Wave height (m)	0,4	Note:	-	54°71,009	14°87,597	54 m	
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Muddy sand		
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance	
ROV	13:49:00	56,40	54°71,005	14°87,596	MILS	CELA	SEWE	Dist. 4 m	
CTDO								Dist. 6233382 m	
Haps Infauna	13:56:00	56,40	54°71,010	14°87,596	MILS	CELA	SEWE	Dist. 1 m	
Haps Chem								Dist. 6233382 m	
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition			
Sediment type:	1a	Sediment description:	Flora:	None	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)	
Clay (%)	0%	Silty, muddy bottom, flat and homogenous without ripples, not a lot of life	Invertebrates:	Very few species/low abundance: a few signs of infauna activity, Pygospio elegans tubes (<1 %), a shrimp (<1 %) and shell fragments	0 %	INF_INV_101	Mix of mud and silt	Dark grey	
Mud/silt (%)	100 %				Overall coverage	Smell (Infauna)	Visible species (Infauna)		
Sand (%)	0%		<1 %	Strong sulphur	Polychaetes, Macoma balthica				
Gravel (%)	0%		Overall coverage	Fish:	Flatfish sp., sand goby (<1 %), flounder tracks, caves from fourbeard rockling	Photo id (Chem)	Composition (Chem)	Colour (Chem)	
Cobbles <10 cm (%)	0%					<1 %			
Boulders >10 cm (%)	0%		Video file id:	INV_101			Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)			
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity	
Clay (%)			Invertebrates:		Overall coverage	Depth	Temperature	Remarks	
Mud/silt (%)						<1 %			
Sand (%)			Overall coverage	Fish:			Others QA CELA: a species added, invertebrate description changed. Liv		
Gravel (%)									
Cobbles <10 cm (%)			Video file id:						
Boulders >10 cm (%)									

Kunde:	Energinet	Date:	2022-03-07	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	4 m/s	Station:	INV_102	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	0,4	Note:	-	54°68,979	14°92,679	52 m
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Muddy sand	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	14:18:00	55,70	54°68,977	14°92,685	SNIE	CELA	SEWE	Dist. 4 m
CTDO								Dist. 6232248 m
Haps Infauna	14:28:00	55,70	54°68,978	14°92,671	MILS	CELA	SEWE	Dist. 5 m
Haps Chem								Dist. 6232248 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	1a	Sediment description:	Flora:	None	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%	Silty and muddy bottom, very flat and homogenous, the least amount of life we have seen so far, old indentations	Invertebrates:	Dom by few old holes/depressions made by infauna either polychaetes or bivalves (<1 %), shrimp (<1 %), a red polychaete	0 %	INF_INV_102	Mainly silt	Dark grey brown
Mud/silt (%)	100 %				Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	0%		<1 %	Sulfide	A thick worm, a macoma balthica			
Gravel (%)	0%		Fish:	Flounder tracks, two sand gobies (<1 %).	Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)
Cobbles <10 cm (%)	0%				<1 %			
Boulders >10 cm (%)	0%		Video file id:	INV_102		Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:					
Mud/silt (%)					Overall coverage	Depth	Temperature	Remarks
Sand (%)			Fish:		Overall coverage			
Gravel (%)								
Cobbles <10 cm (%)			Video file id:			Others	QA, PEPE, invertebrates changed. Liv	
Boulders >10 cm (%)								

Kunde:	Energinet	Date:	2022-03-07	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	4 m/s	Station:	INV_103	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	0,4	Note:	-	54°67,559	14°86,902	53 m
ROV	Yes	Infauna	No	Chemistry	No	Expected substrate	Quaternary clay and silt	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	14:51:00	53,80	54°67,545	14°86,886	MILS	SNIE	SEWE	Dist. 19 m
CTDO								Dist. 6229597 m
Haps Infauna								Dist. 6229597 m
Haps Chem								Dist. 6229597 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	1a	Sediment description:	Flora:	Some drifting dead eelgrass	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	1 %	Muddy bottom, very flat and homogenous, few spots of clay, indentations (old)	Invertebrates:	Dom by tubes of pygospio elegans (<1 %). In general, few signs of life, but some holes possible made by mussels (<1 %).	0 %			
Mud/silt (%)	99 %			Overall coverage	Smell (Infauna)	Visible species (Infauna)		
Sand (%)	0%		Fish:	Flounder tracks (vague) and sand gobies (<1 %)	<1 %			
Gravel (%)	0%				Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)
Cobbles <10 cm (%)	0%		Video file id:	INV_103		Smell (Chem)	Visible species (Chem)	
Boulders >10 cm (%)	0%							
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:					
Mud/silt (%)				Overall coverage	Depth	Temperature	Remarks	
Sand (%)			Fish:		Overall coverage			
Gravel (%)					Overall coverage	Others	QA: PEPE, invertebrates and fish changed. Liv	
Cobbles <10 cm (%)			Video file id:					
Boulders >10 cm (%)								

Kunde:	Energinet	Date:	2022-03-07	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	5 m/s	Station:	INV_104	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	0,4	Note:	-	54°68,742	14°81,288	52 m
ROV	Yes	Infauna	No	Chemistry	No	Expected substrate	Muddy sand	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	15:17:00	53,60	54°68,732	14°81,280	MILS	CELA	SEWE	Dist. 13 m
CTDO								Dist. 6229733 m
Haps Infauna								Dist. 6229733 m
Haps Chem								Dist. 6229733 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	1a	Sediment description:	Flora:	None	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%	Silty/muddy bottom, indentations, flat and soft, no ripples, trawl tracks.	Invertebrates:	Dom by few old holes/depressions made by infauna either polychaetes or bivalves (<1 %),	0 %			
Mud/silt (%)	100 %				Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	0%		Fish:	Flounder tracks, a few sand gobies (<1 %)	<1 %			
Gravel (%)	0%				Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)
Cobbles <10 cm (%)	0%		Video file id:	INV_104	<1 %			
Boulders >10 cm (%)	0%					Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:					
Mud/silt (%)					Overall coverage	Depth	Temperature	Remarks
Sand (%)			Fish:		Overall coverage			
Gravel (%)						Others	QA: PEPE, Invertebrates changed. Liv	
Cobbles <10 cm (%)			Video file id:					
Boulders >10 cm (%)								

Kunde:	Energinet	Date:	2022-03-07	Area:	Baltic Sea	Planned target			
Project:	ENOE	Wind speed (m/s)	4 m/s	Station:	INV_105	Northing	Easting	Depth	
Vessel	Skoven	Wave height (m)	0,4	Note:	-	54°67,669	14°76,955	51 m	
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Muddy sand		
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance	
ROV	15:39:00	52,60	54°67,662	14°76,967	MILS	SNIE	SEWE	Dist. 11 m	
CTDO								Dist. 6227740 m	
Haps Infauna	15:48:00	52,60	54°67,665	14°76,953	MILS	SNIE	SEWE	Dist. 5 m	
Haps Chem								Dist. 6227740 m	
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition			
Sediment type:	1a	Sediment description:	Flora:	Floating eegrass	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)	
Clay (%)	0%	Muddy/silty bottom, mainly flat, no ripples, homogenous, some kind of clay cone	Invertebrates:	Dom by holes made by infauna possible bivalves or polychaetes (<1 %); additionally small hydrozoans on an dead eelgrass shoot (<1 %).	0 %	INF_INV_105	20 % mud on top, the rest is silt	Brown green	
Mud/silt (%)	100 %				Overall coverage	Smell (Infauna)	Visible species (Infauna)		
Sand (%)	0%		<1 %	Strong sulfur	One worm				
Gravel (%)	0%		Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)			
Cobbles <10 cm (%)	0%					<1 %			
Boulders >10 cm (%)	0%		Video file id:	INV_105			Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)			
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity	
Clay (%)			Invertebrates:		Overall coverage	Depth	Temperature	Remarks	
Mud/silt (%)									
Sand (%)			Overall coverage	Fish:			Others QA: PEPE, invertebrates changed. Liv		
Gravel (%)									
Cobbles <10 cm (%)			Video file id:						
Boulders >10 cm (%)									

Kunde:	Energinet	Date:	2022-03-07	Area:	Baltic Sea	Planned target			
Project:	ENOE	Wind speed (m/s)	3 m/s	Station:	INV_106	Northing	Easting	Depth	
Vessel	Skoven	Wave height (m)	0,3	Note:	-	54°66,709	14°70,903	50 m	
ROV	Yes	Infauna	No	Chemistry	No	Expected substrate	Quarternary clay and silt		
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance	
ROV	16:09:00	50,90	54°66,698	14°70,908	MILS	SNIE	PEPE	Dist. 13 m	
CTDO								Dist. 6225530 m	
Haps Infauna								Dist. 6225530 m	
Haps Chem								Dist. 6225530 m	
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition			
Sediment type:	1a	Sediment description:	Flora:	None	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)	
Clay (%)	0%	Muddy silty bottom, flat and soft.	Invertebrates:	Dom by few old holes/depressions made by infauna either polychaetes or bivalves (<1 %); additionally tubes from from a polychaetes (<1 %), shrimp (<1 %), shell fragment possible from common cockle.	0 %				
Mud/silt (%)	100 %				Overall coverage	Smell (Infauna)	Visible species (Infauna)		
Sand (%)	0%		<1 %						
Gravel (%)	0%		Fish:	Sand goby (<1 %), flounder track	Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)	
Cobbles <10 cm (%)	0%				<1 %				
Boulders >10 cm (%)	0%		Video file id:	INV_106			Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)			
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity	
Clay (%)			Invertebrates:		Overall coverage	Depth	Temperature	Remarks	
Mud/silt (%)					Overall coverage				
Sand (%)			Fish:		Overall coverage	Others			
Gravel (%)					Overall coverage	QA: PEPE, Invertebrates changed. Liv			
Cobbles <10 cm (%)			Video file id:						
Boulders >10 cm (%)									

Kunde:	Energinet	Date:	2022-03-07	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	3 m/s	Station:	INV_107	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	0,3	Note:	-	54°67,223	14°65,741	48 m
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Quaternary clay and silt	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	16:38:00	50,00	54°67,223	14°65,727	MILS	SNIE	PEPE	Dist. 9 m
CTDO								Dist. 6225059 m
Haps Infauna	16:43:00	50,00	54°67,233	14°65,761	MILS	SNIE	PEPE	Dist. 17 m
Haps Chem								Dist. 6225059 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	1a	Sediment description:	Flora:	None	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	5 %	Muddy/silty bottom, soft bottom, some clay	Invertebrates:	Not much activity in the bottom, only few signs possible made by bivalves or polychaetes (<1 %).	0 %	INF_INV_107	Silt, mud, organic material (rizomes)	Grey, and dark in the top layer
Mud/silt (%)	95 %				Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	0%		<1 %	Smell of sulfur	Bivalves (maybe alive)			
Gravel (%)	0%		Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)		
Cobbles <10 cm (%)	0%		<1 %					
Boulders >10 cm (%)	0%		Video file id:	INV_107		Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:		Overall coverage	Depth	Temperature	Remarks
Mud/silt (%)					Overall coverage			
Sand (%)			Overall coverage					
Gravel (%)			Overall coverage					
Cobbles <10 cm (%)			Video file id:			Others	QA: PEPE, Invertebrates changed. Liv	
Boulders >10 cm (%)								

Kunde:	Energinet	Date:	2022-03-07	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	2 m/s	Station:	INV_108	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	0,3	Note:	-	54°65,782	14°62,314	45 m
ROV	Yes	Infauna	No	Chemistry	No	Expected substrate	Quarternary clay and silt	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	17:02:00	47,80	54°65,782	14°62,314	MILS	SNIE	PEPE	Dist. m
CTDO								Dist. 6222861 m
Haps Infauna								Dist. 6222861 m
Haps Chem								Dist. 6222861 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	1a	Sediment description:	Flora:	Dead eelgrass	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%	Silty/muddy bottom, flat and soft.	Invertebrates:	Dom by few old holes/depressions made by infauna either polychaetes or bivalves (<1 %); additionally small tubes from polychaetes (<1 %), one blue mussel (<1 %), shrimps (<1 %)	0 %			
Mud/silt (%)	100 %				Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	0%		Fish:	Flounder track	<1 %			
Gravel (%)	0%				Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)
Cobbles <10 cm (%)	0%				<1 %			
Boulders >10 cm (%)	0%		Video file id:	INV_108			Smell (Chem)	Visible species (Chem)
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:					
Mud/silt (%)					Overall coverage	Depth	Temperature	Remarks
Sand (%)			Fish:		Overall coverage			
Gravel (%)						Others	QA: PEPE, Invertebrates changed. Liv	
Cobbles <10 cm (%)								
Boulders >10 cm (%)			Video file id:					

Kunde:	Energinet	Date:	2022-03-07	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	1 m/s	Station:	INV_109	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	0,4	Note:	Good visibility	54°66,839	14°58,147	42 m
ROV	Yes	Infauna	No	Chemistry	No	Expected substrate	Quaternary clay and silt	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	17:22:00	45,40	54°66,849	14°58,149	MILS	SNIE	PEPE	Dist. 11 m
CTDO								Dist. 6223165 m
Haps Infauna								Dist. 6223165 m
Haps Chem								Dist. 6223165 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	1a	Sediment description:	Flora:	None	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%	silty/muddy bottom, flat and soft, omogeneuous, no ripples	Invertebrates:	Dom by tubes from polychaetes; additionally blue mussels (<1 %), shrimps (<1 %), shells from bivalve (<1 %), some hydrozoans on mussels (<1 %), barnacles (<1%).	0 %			
Mud/silt (%)	100 %			Overall coverage	Smell (Infauna)	Visible species (Infauna)		
Sand (%)	0%		Fish:	Flounder tracks, sand goby (<1 %)	<1 %			
Gravel (%)	0%				Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)
Cobbles <10 cm (%)	0%				<1 %			
Boulders >10 cm (%)	0%		Video file id:	INV_109		Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:					
Mud/silt (%)					Overall coverage	Depth	Temperature	Remarks
Sand (%)			Fish:					
Gravel (%)					Overall coverage	Others		
Cobbles <10 cm (%)						QA: PEPE, invertebrates changed. Liv		
Boulders >10 cm (%)			Video file id:					

Kunde:	Energinet	Date:	2022-03-07	Area:	Baltic Sea	Planned target			
Project:	ENOE	Wind speed (m/s)	1 m/s	Station:	INV_110	Northing	Easting	Depth	
Vessel	Skoven	Wave height (m)	0,4	Note:	-	54°65,731	14°53,254	37 m	
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Sand		
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance	
ROV	17:58:00	41,50	54°65,709	14°53,229	MILS	SNIE	PEPE	Dist. 29 m	
CTDO								Dist. 6221036 m	
Haps Infauna	18:09:00	41,50	54°65,737	14°53,215	MILS	SNIE	PEPE	Dist. 26 m	
Haps Chem								Dist. 6221036 m	
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition			
Sediment type:	1a	Sediment description:	Flora: A big floating mat of living Furcellaria lumbricalis, and other red algae (<1%). Substrate specific coverage: 1 %	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)		
Clay (%)	0%	Silty/ muddy, homogeneous, no ripples		Invertebrates:	<1 %	INF_INV_110	Fine sand, silt,	Brown, grey	
Mud/silt (%)	100 %			Fish:	Overall coverage	Smell (Infauna)	Visible species (Infauna)		
Sand (%)	0%			Sand goby, flounder tracks, European flounder, Atlantic cod (<1 %)	<1 %	Weak sulfur	Bivlave		
Gravel (%)	0%			Video file id:	Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)	
Cobbles <10 cm (%)	0%			INV_110	<1 %				
Boulders >10 cm (%)	0%					Smell (Chem)	Visible species (Chem)		
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)			
Sediment type:		Sediment description:	Flora:	Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity		
Clay (%)				Invertebrates:					
Mud/silt (%)				Fish:	Overall coverage	Depth	Temperature	Remarks	
Sand (%)									
Gravel (%)									
Cobbles <10 cm (%)							Others	QA: PEPE, Invertebrates changed. Liv	
Boulders >10 cm (%)					Video file id:				

Kunde:	Energinet	Date:	2022-03-07	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	4 m/s	Station:	INV_111	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	0,3	Note:	-	54°67,251	14°49,417	30 m
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Sand	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	19:23:00	36,10	54°67,263	14°49,417	SNIE	PEPE	CELA	Dist. 13 m
CTDO								Dist. 6221901 m
Haps Infauna	19:30:00	36,10	54°67,257	14°49,429	SNIE	PEPE	CELA	Dist. 10 m
Haps Chem								Dist. 6221901 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	1b	Sediment description:	Flora:	Floating red algae (incl. Coccotylus and Furocellaria), dead eelgrass Substrate specific coverage: <1 %	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%	Sandy bottom with soft ripples, a little plant material (macroalgae)	Invertebrates:	Dom by tubes from pygospio elegans (2-5 %), mobile clusters of blue mussels (<1-1 %) with barnacles (<1 %), bryozoans (on dead eelgrass) (<1 %), hydrozoans (<1 %), shrimp (<1 %), sand piles from lugworms (<1 %)	<1 %	INF_INV_111	Fine-grained sand with some silt	Brown, grey
Mud/silt (%)	10 %				Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	90 %		2-5 %	None		Several white mussels, Macoma baltica and worms		
Gravel (%)	0%		Fish:	Two European flounders, sand goby (<1 %)	Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)
Cobbles <10 cm (%)	0%				<1 %			
Boulders >10 cm (%)	0%		Video file id:	INV_111		Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:					
Mud/silt (%)					Overall coverage	Depth	Temperature	Remarks
Sand (%)								
Gravel (%)			Fish:		Overall coverage	Others		
Cobbles <10 cm (%)						QA: PEPE, Liv		
Boulders >10 cm (%)			Video file id:					

Kunde:	Energinet	Date:	2022-03-07	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	3 m/s	Station:	INV_112	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	,3 m	Note:	On the sandy substrates, much of the sand washes out of the HAPS on the way up	54°65,431	14°46,401	28 m
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Sand	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	19:01:00	30,80	54°65,425	14°46,385	SNIE	PEPE	CELA	Dist. 12 m
CTDO								Dist. 6219387 m
Haps Infauna	19:06:00	30,80	54°65,443	14°46,389	SNIE	PEPE	CELA	Dist. 15 m
Haps Chem								Dist. 6219387 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	1b	Sediment description:	Flora:	Floating macroalgae (e.g. Furcellaria and other red algae) with juvenile blue mussels and barnacles. Substrate specific coverage: <1 %	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%	Sandy bottom, sharp wave ripples, some silt between ripples.	Invertebrates:	Dom by tubes from Pygospio elegans (1 %), holes/depressions made by infauna either polychaetes or bivalves (<1 %), small piles from lugworms (<1 %), juvenile blue mussels (<1 %) and barnacle (<1 %) on a macroalgae	<1 %	INF_INV_112	Sand with a little gravel	Sand
Mud/silt (%)	2 %			Overall coverage	Smell (Infauna)	Visible species (Infauna)		
Sand (%)	95 %		<1-1 %	None	Few transparent worms			
Gravel (%)	3 %		Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)		
Cobbles <10 cm (%)	0%		<1 %					
Boulders >10 cm (%)	0%		Video file id:	INV_112		Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:					
Mud/silt (%)				Overall coverage	Depth	Temperature	Remarks	
Sand (%)								
Gravel (%)			Overall coverage	Others QA: PEPE, Invertebrates changed. Liv				
Cobbles <10 cm (%)								
Boulders >10 cm (%)			Video file id:					

Kunde:	Energinet	Date:	2022-03-07	Area:	Baltic Sea	Planned target		
Project:	ENOE	Wind speed (m/s)	1 m/s	Station:	INV_113	Northing	Easting	Depth
Vessel	Skoven	Wave height (m)	0,3	Note:	Two HAPS samples collected. Both moderate in size	54°63,092	14°48,612	30 m
ROV	Yes	Infauna	Yes	Chemistry	No	Expected substrate	Sand	
Task	Time	Depth	Northing	Easting	Manager int (Pilot)	AC1 (Speak)	AC2 (Logbook)	Distance
ROV	18:34:00	29,20	54°63,084	14°48,617	SNIE	PEPE	CELA	Dist. 9 m
CTDO								Dist. 6217336 m
Haps Infauna	18:40:00	29,20	54°63,084	14°48,617	SNIE	PEPE	CELA	Dist. 9 m
Haps Chem								Dist. 6217336 m
ROV Primary visual verification (sediment)			ROV Primary visual verification (flora and fauna)			Haps Infauna and sediment composition		
Sediment type:	1b	Sediment description:	Flora:	Drifting red algae	Overall coverage	Photo id (Infauna)	Composition (Infauna)	Colour (Infauna)
Clay (%)	0%	Fine-grained sandy bottom, silt between ripples	Invertebrates:	Dom by tubes from pygospio elegans (1-2 %); additionally blue mussels (<1 %) with barnacles (<1 %), hydrozoans (<1 %), lugworm piles (<1 %), lionsmane jellyfish (<1 %).	0 %	INF_INV_113	Sand with organic material, small amount of gravel	Sand
Mud/silt (%)	4 %				Overall coverage	Smell (Infauna)	Visible species (Infauna)	
Sand (%)	95 %		<1-2 %	None	1 cm white mussel, long transparent worms			
Gravel (%)	1 %		Overall coverage	Photo id (Chem)	Composition (Chem)	Colour (Chem)		
Cobbles <10 cm (%)	0%		<1 %					
Boulders >10 cm (%)	0%		Video file id:	INV_113		Smell (Chem)	Visible species (Chem)	
ROV Secondary visual verification (sediment)			ROV Secondary visual verification (flora and fauna)			CTDO (0.5 m above bottom)		
Sediment type:		Sediment description:	Flora:		Substrate specific coverage	Oxygen %	Oxygen mg/l	Salinity
Clay (%)			Invertebrates:		Overall coverage	Depth	Temperature	Remarks
Mud/silt (%)								
Sand (%)			Overall coverage	Others QA: PEPE, Invertebrates changed. Liv				
Gravel (%)								
Cobbles <10 cm (%)			Video file id:					
Boulders >10 cm (%)								

APPENDIX 4 - CHEMICAL ANALYSES

Measured content of **heavy metals** (mg/kg DW) in the sediment within the pre-investigation area for Energy Island Bornholm and available threshold values. **Red fill** indicate exceedance of a threshold value (the exceeded threshold value(s) is marked by red text). **Yellow fill** indicate a threshold value that is below the detection limit for the chemical analysis in the laboratory and, thus, it is not possible to determine if the specific compound exceeds the threshold value at these stations.

Threshold values	Arsenic (As)	Lead (Pb)	Cadmium (Cd)	Chrome (Cr)	Copper (Cu)	Mercury (Hg)	Nickel (Ni)	Zink (Zn)
NEQS	0,4	163	3,8				6,8	
EQS		120	2,3					
ERL	8,2	47	1,2	81	34	0,15	20,9	150
LAL	20	40			20		30	
Cable corridors								
CC_02	<0,50	2,0	<0,020	1,3	1,1	<0,010	1,5	5,2
CC_03	2,0	2,7	<0,020	1,5	2,6	<0,010	1,4	9,2
CC_09	0,81	1,5	<0,020	2,2	<1,0	0,011	0,55	3,0
CC1_10	1,1	6,6	0,044	3,0	4,8	<0,010	2,3	13
CC1_11	2,8	6,4	<0,020	6,0	5,1	<0,010	6,0	17
CC1_12	2,3	12	0,13	5,0	4,9	0,035	4,4	24
CC1_13	5,4	24	0,095	11	9,6	0,015	10	48
CC1_14	21	37	0,30	17	16	0,043	18	77
CC1_15	6,7	4,4	0,056	6,0	2,9	<0,010	5,2	17
CC2_04	2,3	3,0	<0,020	5,1	1,3	<0,010	3,1	13
CC2_05	2,7	1,9	<0,020	2,5	<1,0	<0,010	1,7	8,8
CC2_06	4,4	3,0	0,037	6,7	<1,0	<0,010	1,2	7,1
CC2_07	1,8	1,5	0,025	1,4	1,5	<0,010	0,71	4,6
CC2_08	<0,50	<1,0	<0,020	1,0	1,3	<0,010	<0,50	3,8
CC2_09	<0,50	<1,0	0,022	1,3	1,1	<0,010	<0,50	<3,0
CC2_10	<0,50	2,5	<0,020	<1,0	30	<0,010	<0,50	28
CC2_11	<0,50	<1,0	<0,020	<1,0	1,1	<0,010	<0,50	3,5
CC2_12	0,96	7,6	0,046	7,2	1,7	<0,010	1,8	14
OWF1_27	0,96	3,9	0,029	5,1	<1,0	<0,010	2,6	11
OWF1_59	3,7	11	0,071	11	9,5	0,031	10	32
Bornholm I syd								
OWF1_10	9,8	5,4	0,059	10	7,8	<0,010	9,0	24
OWF1_12	14	15	0,059	24	21	0,070	21	59
OWF1_17	0,85	3,9	0,029	2,6	2,3	<0,010	2,1	8,3
OWF1_20	4,5	6,8	0,039	7,2	6,8	0,030	7,2	22
Bornholm I nord								
OWF1_43	3,5	14	0,070	7,6	6,1	0,011	6,2	28

Threshold values	Arsenic (As)	Lead (Pb)	Cadmium (Cd)	Chrome (Cr)	Copper (Cu)	Mercury (Hg)	Nickel (Ni)	Zink (Zn)
NEQS	0,4	163	3,8				6,8	
EQS		120	2,3					
ERL	8,2	47	1,2	81	34	0,15	20,9	150
LAL	20	40			20		30	
OWF1_46	5,8	15	<0,020	23	13	0,061	20	50
OWF1_56	12	39	0,25	20	19	0,068	17	81
Bornholm II								
OWF2_07	7,8	35	0,16	22	23	0,027	17	64
OWF2_10	10	46	0,24	23	24	0,043	18	76
OWF2_14	1,1	7,7	0,050	5,3	2,3	<0,010	3,7	14
OWF2_17	2,8	13	0,080	8,4	4,2	<0,010	5,1	22
OWF2_22	13	44	0,18	31	39	0,021	32	89
OWF2_30	4,7	17	0,084	10	7,3	0,011	6,8	30
OWF2_38	1,3	5,9	<0,020	4,9	2,3	<0,010	3,1	13
OWF2_46	1,3	4,5	0,047	6,2	4,7	<0,010	8,7	17
OWF2_50	4,7	3,9	0,053	4,0	3,1	<0,010	3,9	9,0
OWF2_58	2,0	6,2	0,037	4,6	3,4	<0,010	2,9	11
INV								
OWF1_37	14	7,8	0,076	9,1	6,4	0,040	8,9	24

Measured content of **PAH-compounds** (mg/kg DW) in the sediment within the pre-investigation area for Energy Island Bornholm and available threshold values. **Red fill** indicate exceedance of a threshold value (the exceeded threshold value(s) is marked by red text). **Yellow fill** indicate a threshold value that is below the detection limit for the chemical analysis in the laboratory and, thus, it is not possible to determine if the specific compound exceeds the threshold value at these stations. *The LAL-value (3 mg/kg DW) is for the sum of the nine PAH-compounds – no exceedances of this value were found at any station.

Threshold values	Phenanthrene	Anthracene	Fluoranthene	Pyrene	Benz(a)-anthracene	Chrysene	Benz(a)-pyrene	Indeno(1,2,3-cd)pyrene	Benzo(ghi)-perylene
NEQS	0,39	0,0048	3,5		0,03	0,0231	0,007	0,042	0,042
EAC	1,25	0,78	0,25	0,35			0,625		
ERL	0,24	0,085	0,6	0,665	0,261	0,384	0,43	0,24	0,085
LAL (3)*									
Cable corridors									
CC_02	<0,010	<0,010	<0,010	<0,010	<0,010	<0,010	<0,010	<0,010	<0,010
CC_03	<0,010	<0,010	<0,010	<0,010	<0,010	<0,010	<0,010	<0,010	<0,010
CC_09	<0,010	<0,010	<0,010	<0,010	<0,010	<0,010	<0,010	<0,010	<0,010
CC1_10	<0,010	<0,010	<0,010	<0,010	<0,010	<0,010	<0,010	0,012	0,015
CC1_11	<0,010	<0,010	<0,010	<0,010	<0,010	<0,010	<0,010	<0,010	<0,010
CC1_12	0,012	<0,010	0,039	0,023	<0,010	0,011	0,021	0,022	0,022
CC1_13	<0,010	<0,010	0,019	0,020	<0,010	0,012	0,022	0,055	0,058
CC1_14	0,015	<0,010	0,039	0,045	0,017	0,025	0,052	0,14	0,15
CC1_15	<0,010	<0,010	<0,010	<0,010	<0,010	<0,010	<0,010	<0,010	<0,010
CC2_04	<0,010	<0,010	<0,010	<0,010	<0,010	<0,010	<0,010	<0,010	<0,010
CC2_05	<0,010	<0,010	<0,010	<0,010	<0,010	<0,010	<0,010	<0,010	<0,010
CC2_06	<0,010	<0,010	<0,010	<0,010	<0,010	<0,010	<0,010	<0,010	<0,010
CC2_07	<0,010	<0,010	<0,010	<0,010	<0,010	<0,010	<0,010	<0,010	<0,010
CC2_08	<0,010	<0,010	<0,010	<0,010	<0,010	<0,010	<0,010	<0,010	<0,010
CC2_09	0,012	0,026	0,10	0,087	0,036	0,048	0,062	0,048	0,049
CC2_10	<0,010	<0,010	<0,010	<0,010	<0,010	<0,010	<0,010	<0,010	<0,010
CC2_11	<0,010	<0,010	<0,010	<0,010	<0,010	<0,010	<0,010	<0,010	<0,010
CC2_12	<0,010	<0,010	<0,010	<0,010	<0,010	<0,010	<0,010	<0,010	<0,010
OWF1_27	<0,010	<0,010	<0,010	<0,010	<0,010	<0,010	<0,010	<0,010	<0,010
OWF1_59	<0,010	<0,010	0,027	0,026	<0,010	0,018	0,024	0,055	0,063
Bornholm I syd									
OWF1_10	<0,010	<0,010	<0,010	<0,010	<0,010	<0,010	<0,010	<0,010	<0,010
OWF1_12	<0,010	<0,010	0,012	0,013	<0,010	<0,010	0,020	0,041	0,052
OWF1_17	<0,010	<0,010	<0,010	<0,010	<0,010	<0,010	<0,010	<0,010	0,010
OWF1_20	<0,010	<0,010	<0,010	<0,010	<0,010	<0,010	<0,010	0,011	0,011
Bornholm I nord									

Threshold values	Phenanthrene	Anthracene	Fluoranthene	Pyrene	Benz(a)-anthracene	Chrysene	Benz(a)-pyrene	Indeno(1,2,3-cd)pyrene	Benzo(ghi)-perylene
NEQS	0,39	0,0048	3,5		0,03	0,0231	0,007	0,042	0,042
EAC	1,25	0,78	0,25	0,35			0,625		
ERL	0,24	0,085	0,6	0,665	0,261	0,384	0,43	0,24	0,085
LAL (3)*									
OWF1_43	<0,010	<0,010	0,027	0,030	0,010	0,018	0,032	0,074	0,082
OWF1_46	<0,010	<0,010	<0,010	<0,010	<0,010	<0,010	<0,010	<0,010	<0,010
OWF1_56	0,014	<0,010	0,054	0,064	0,026	0,039	0,062	0,16	0,16
Bornholm II									
OWF2_07	0,021	0,011	0,096	0,068	0,030	0,047	0,071	0,19	0,19
OWF2_10	0,022	0,011	0,11	0,085	0,031	0,053	0,088	0,24	0,24
OWF2_14	<0,010	<0,010	<0,010	<0,010	<0,010	<0,010	<0,010	0,012	<0,010
OWF2_17	<0,010	<0,010	0,015	0,010	<0,010	<0,010	0,011	0,020	0,025
OWF2_22	<0,010	<0,010	0,056	0,051	0,012	0,029	0,053	0,13	0,14
OWF2_30	0,010	<0,010	0,040	0,036	0,012	0,019	0,033	0,076	0,084
OWF2_38	<0,010	<0,010	<0,010	<0,010	<0,010	<0,010	<0,010	<0,010	<0,010
OWF2_46	<0,010	<0,010	<0,010	<0,010	<0,010	<0,010	<0,010	<0,010	<0,010
OWF2_50	<0,010	<0,010	<0,010	<0,010	<0,010	<0,010	<0,010	<0,010	<0,010
OWF2_58	<0,010	<0,010	0,011	<0,010	<0,010	<0,010	<0,010	<0,010	0,011
INV									
OWF1_37	<0,010	<0,010	<0,010	<0,010	<0,010	<0,010	<0,010	0,025	0,024

Measured content of **organotin** (µg/kg DW) in the sediment within the pre-investigation area for Energy Island Bornholm and available threshold values. **Red fill** indicate exceedance of a threshold value (the exceeded threshold value(s) is marked by red text).

Threshold values	Tributyltin, TBT-Sn	Tributyltin-cation (TBT)	Dibutyltin, DBT-Sn	Dibutyltin-cation	Monobutyltin, MBT-Sn	Monobutyltin-cation
NEQS		1,3				
EQS		1,6				
LAL		7				
Cable corridors						
CC_02	<0,41	<1	<0,51	<1	<0,68	<1
CC_03	<0,41	<1	<0,51	<1	<0,68	<1
CC_09	<0,41	<1	<0,51	<1	<0,68	<1
CC1_10	<0,41	<1	<0,51	<1	<0,68	<1
CC1_11	<0,41	<1	<0,51	<1	<0,68	<1
CC1_12	<0,41	<1	<0,51	<1	<0,68	<1
CC1_13	<0,41	<1	<0,51	<1	<0,68	<1
CC1_14	<0,41	<1	1,6	3,14	1,18	1,75
CC1_15	<0,41	<1	<0,51	<1	<0,68	<1
CC2_04	<0,41	<1	<0,51	<1	<0,68	<1
CC2_05	<0,41	<1	<0,51	<1	<0,68	<1
CC2_06	<0,41	<1	<0,51	<1	<0,68	<1
CC2_07	<0,41	<1	<0,51	<1	<0,68	<1
CC2_08	<0,41	<1	<0,51	<1	<0,68	<1
CC2_09	<0,41	<1	<0,51	<1	<0,68	<1
CC2_10	<0,41	<1	<0,51	<1	<0,68	<1
CC2_11	<0,41	<1	<0,51	<1	<0,68	<1
CC2_12	<0,41	<1	<0,51	<1	<0,68	<1
OWF1_27	<0,41	<1	<0,51	<1	<0,68	<1
OWF1_59	<0,41	<1	0,65	1,27	<0,68	<1
Bornholm I syd						
OWF1_10	<0,41	<1	<0,51	<1	<0,68	<1
OWF1_12	<0,41	<1	1,87	3,66	1,54	2,28
OWF1_17	<0,41	<1	<0,51	<1	<0,68	<1
OWF1_20	<0,41	<1	<0,51	<1	<0,68	<1
Bornholm I nord						
OWF1_43	<0,41	<1	0,91	1,78	1,15	1,71
OWF1_46	<0,41	<1	<0,51	<1	<0,68	<1
OWF1_56	<0,41	<1	3,62	7,11	2,61	3,86

Threshold values	Tributyltin, TBT-Sn	Tributyltin-cation (TBT)	Dibutyltin, DBT-Sn	Dibutyltin-cation	Monobutyltin, MBT-Sn	Monobutyltin-cation
NEQS		1,3				
EQS		1,6				
LAL		7				
Bornholm II						
OWF2_07	1,08	2,63	3,02	5,92	1,69	2,50
OWF2_10	0,65	1,58	1,62	3,18	0,98	1,45
OWF2_14	<0,41	<1	<0,51	<1	<0,68	<1
OWF2_17	<0,41	<1	<0,51	<1	<0,68	<1
OWF2_22	<0,41	<1	1,22	2,39	1,15	1,70
OWF2_30	<0,41	<1	0,73	1,43	<0,68	<1
OWF2_38	<0,41	<1	<0,51	<1	<0,68	<1
OWF2_46	<0,41	<1	<0,51	<1	<0,68	<1
OWF2_50	<0,41	<1	<0,51	<1	<0,68	<1
OWF2_58	<0,41	<1	<0,51	<1	<0,68	<1
INV						
OWF1_37	<0,41	<1	0,51	1,00	0,97	1,43

Measured content of PCB-congeners (mg/kg DW) in the sediment within the pre-investigation area for Energy Island Bornholm and available threshold values. **Yellow fill** indicate a threshold value that is below the detection limit for the chemical analysis in the laboratory and, thus, it is not possible to determine if the specific compound exceeds the threshold value at these stations. *The LAL-value (20 mg/kg DW) is for the sum of the seven PCB's – no exceedances of this value were found at any station.

Threshold values	PCB28	PCB52	PCB101	PCB118	PCB138	PCB153	PCB180
EAC	0,0017	0,0027	0,003	0,0006	0,0079	0,04	0,012
LAL (20)*							
Cable corridors							
CC_02	<0,020	<0,020	<0,020	<0,020	<0,020	<0,020	<0,020
CC_03	<0,0010	<0,0010	<0,0010	<0,0010	<0,0010	<0,0010	<0,0010
CC_09	<0,0010	<0,0010	<0,0010	<0,0010	<0,0010	<0,0010	<0,0010
CC1_10	<0,0010	<0,0010	<0,0010	<0,0010	<0,0010	<0,0010	<0,0010
CC1_11	<0,0010	<0,0010	<0,0010	<0,0010	<0,0010	<0,0010	<0,0010
CC1_12	<0,0010	<0,0010	<0,0010	<0,0010	<0,0010	<0,0010	<0,0010
CC1_13	<0,0010	<0,0010	<0,0010	<0,0010	<0,0010	<0,0010	<0,0010
CC1_14	<0,0010	<0,0010	<0,0010	<0,0010	<0,0010	0,0014	<0,0010
CC1_15	<0,0010	<0,0010	<0,0010	<0,0010	<0,0010	<0,0010	<0,0010
CC2_04	<0,0010	<0,0010	<0,0010	<0,0010	<0,0010	<0,0010	<0,0010
CC2_05	<0,0010	<0,0010	<0,0010	<0,0010	<0,0010	<0,0010	<0,0010
CC2_06	<0,0010	<0,0010	<0,0010	<0,0010	<0,0010	<0,0010	<0,0010
CC2_07	<0,0010	<0,0010	<0,0010	<0,0010	<0,0010	<0,0010	<0,0010
CC2_08	<0,0010	<0,0010	<0,0010	<0,0010	<0,0010	<0,0010	<0,0010
CC2_09	<0,0010	<0,0010	<0,0010	<0,0010	<0,0010	<0,0010	<0,0010
CC2_10	<0,0010	<0,0010	<0,0010	<0,0010	<0,0010	<0,0010	<0,0010
CC2_11	<0,0010	<0,0010	<0,0010	<0,0010	<0,0010	<0,0010	<0,0010
CC2_12	<0,0010	<0,0010	<0,0010	<0,0010	<0,0010	<0,0010	<0,0010
OWF1_27	<0,0010	<0,0010	<0,0010	<0,0010	<0,0010	<0,0010	<0,0010
OWF1_59	<0,0010	<0,0010	<0,0010	<0,0010	<0,0010	<0,0010	<0,0010
Bornholm I syd							
OWF1_10	<0,0010	<0,0010	<0,0010	<0,0010	<0,0010	<0,0010	<0,0010
OWF1_12	<0,0010	<0,0010	<0,0010	<0,0010	<0,0010	<0,0010	<0,0010
OWF1_17	<0,0010	<0,0010	<0,0010	<0,0010	<0,0010	<0,0010	<0,0010
OWF1_20	<0,0010	<0,0010	<0,0010	<0,0010	<0,0010	<0,0010	<0,0010
Bornholm I nord							
OWF1_43	<0,0010	<0,0010	<0,0010	<0,0010	<0,0010	<0,0010	<0,0010
OWF1_46	<0,0010	<0,0010	<0,0010	<0,0010	<0,0010	<0,0010	<0,0010

Threshold values	PCB28	PCB52	PCB101	PCB118	PCB138	PCB153	PCB180
EAC LAL (20)*	0,0017	0,0027	0,003	0,0006	0,0079	0,04	0,012
OWF1_56	<0,0010	<0,0010	<0,0010	<0,0010	<0,0010	<0,0010	<0,0010
Bornholm II							
OWF2_07	<0,0010	<0,0010	<0,0010	<0,0010	<0,0010	<0,0010	<0,0010
OWF2_10	<0,0010	<0,0010	<0,0010	<0,0010	<0,0010	0,0014	<0,0010
OWF2_14	<0,0010	<0,0010	<0,0010	<0,0010	<0,0010	<0,0010	<0,0010
OWF2_17	<0,0010	<0,0010	<0,0010	<0,0010	<0,0010	<0,0010	<0,0010
OWF2_22	<0,0010	<0,0010	<0,0010	<0,0010	<0,0010	<0,0010	<0,0010
OWF2_30	<0,0010	<0,0010	<0,0010	<0,0010	<0,0010	<0,0010	<0,0010
OWF2_38	<0,0010	<0,0010	<0,0010	<0,0010	<0,0010	<0,0010	<0,0010
OWF2_46	<0,0010	<0,0010	<0,0010	<0,0010	<0,0010	<0,0010	<0,0010
OWF2_50	<0,0010	<0,0010	<0,0010	<0,0010	<0,0010	<0,0010	<0,0010
OWF2_58	<0,0010	<0,0010	<0,0010	<0,0010	<0,0010	<0,0010	<0,0010
INV							
OWF1_37	<0,0010	<0,0010	<0,0010	<0,0010	<0,0010	<0,0010	<0,0010

Measured content of **brominated flame retardants** ($\mu\text{g}/\text{kg DW}$) at selected stations within the cable corridors for Energy Island Bornholm and available threshold values. No exceedances were found.

Threshold values	PBDE 28	PBDE 47	PBDE 99	PBDE 100	HBCDD
EQS					170
Cable corridors					
CC_03	<0,50	<0,50	<0,50	<0,50	<50
CC_09	<0,50	<0,50	<0,50	<0,50	<50
CC1_12	<0,50	<0,50	<0,50	<0,50	<50

APPENDIX 5 – INFAUNA DATA

APPENDIX 5A – INFAUNA BASIS DATA

Prøve NR	Art	Antal	Digelvægt	Digel+våd	digel+tor	Vådvægt	torvægt	Klasse
CC - 9	Bathyporeia pilosa	1	1,1656	1,1716	1,1663	0,006	0,0007	Malacostraca
CC - 12	Pygospio elegans	2	1,1657	1,1664	1,1658	0,0007	1E-04	Polychaeta
CC - 12	Oligochaeta indet.	1	1,1608	1,1612	1,1609	0,0004	1E-04	Clitellata
CC - 12	Bathyporeia pilosa	1	1,1659	1,171	1,1665	0,0051	0,0006	Malacostraca
CC - 2	Pygospio elegans	9	1,162	1,1713	1,1638	0,0093	0,0018	Polychaeta
CC - 2	Oligochaeta indet.	1	1,178	1,1789	1,1781	0,0009	1E-04	Clitellata
CC - 3	Hediste diversicolor	3	1,1678	1,1697	1,1681	0,0019	0,0003	Polychaeta
CC - 3	Oligochaeta indet.	21	1,1773	1,1932	1,1797	0,0159	0,0024	Clitellata
CC - 4	Hediste diversicolor	6	1,1682	1,1842	1,1704	0,016	0,0022	Polychaeta
CC - 4	Pygospio elegans	2	1,1682	1,1687	1,1683	0,0005	1E-04	Polychaeta
CC - 4	Oligochaeta indet.	31	1,1713	1,2077	1,1771	0,0364	0,0058	Clitellata
CC - 1	Hydrobia ulvae	1	1,1657	1,1701	1,1683	0,0044	0,0026	Gastropoda
CC - 2	Mytilus edulis	461	1,1664	4,2149	2,2703	3,0485	1,1039	Bivalvia
CC - 2	Hydrobia ulvae	4	1,1585	1,1803	1,17	0,0218	0,0115	Gastropoda
CC - 2	Pusillina sarsii	1	1,1766	1,1793	1,1775	0,0027	0,0009	Gastropoda
CC - 2	Theodoxus fluviatilis var. Balthica	3	1,1626	1,2212	1,1993	0,0586	0,0367	Gastropoda
CC - 3	Mytilus edulis	2	1,1614	1,1672	1,1638	0,0058	0,0024	Bivalvia
CC - 3	Hydrobia ulvae	2	1,1607	1,1814	1,1754	0,0207	0,0147	Gastropoda
CC - 1	Bathyporeia pilosa	64	1,1589	1,3001	1,1852	0,1412	0,0263	Malacostraca
CC - 2	Gammarus sp.	59	1,1565	1,3358	1,1852	0,1793	0,0287	Malacostraca
CC - 2	Bathyporeia pilosa	12	1,1817	1,2024	1,1853	0,0207	0,0036	Malacostraca
CC - 2	Microdeutopus gryllotalpa	2	1,1565	1,1592	1,157	0,0027	0,0005	Malacostraca
CC - 2	Idotea balthica	15	1,1801	1,2032	1,1862	0,0231	0,0061	Malacostraca
CC - 2	Jaera albifrons	3	1,1705	1,1721	1,1708	0,0016	0,0003	Malacostraca
CC - 3	Gammarus sp.	4	1,1693	1,1737	1,1701	0,0044	0,0008	Malacostraca
CC1 - 10	Pygospio elegans	10	1,171	1,1811	1,1747	0,0101	0,0037	Polychaeta
CC1 - 10	Scoloplos armiger	3	1,1691	1,1861	1,1726	0,017	0,0035	Polychaeta
CC1 - 10	Aricidea suecica	2	1,1627	1,17	1,1651	0,0073	0,0024	Polychaeta
CC1 - 10	Travisia forbesii	1	1,1682	1,1757	1,1706	0,0075	0,0024	Polychaeta
CC1 - 10	Macoma balthica	2	1,1706	1,2685	1,2208	0,0979	0,0502	Bivalvia
CC1 - 11	Neoamphitrite figulus	1	1,174	1,2498	1,1881	0,0758	0,0141	Polychaeta
CC1 - 11	Nephtys caeca	1	1,1697	1,2452	1,1836	0,0755	0,0139	Polychaeta
CC1 - 11	Aricidea suecica	3	1,1667	1,1718	1,1679	0,0051	0,0012	Polychaeta
CC1 - 11	Pygospio elegans	11	1,1638	1,1715	1,166	0,0077	0,0022	Polychaeta
CC1 - 11	Astarte sp.	2	1,165	1,9888	1,775	0,8238	0,6125	Bivalvia
CC1 - 11	Macoma balthica	2	1,1642	1,5062	1,3879	0,342	0,2237	Bivalvia
CC1 - 11	Phoxocephalus holboelli	4	1,1817	1,1921	1,1829	0,0104	0,0012	Malacostraca
CC1 - 12	Pygospio elegans	2	1,1658	1,1683	1,1667	0,0025	0,0009	Polychaeta
CC1 - 12	Scoloplos armiger	5	1,1619	1,2356	1,174	0,0737	0,0121	Polychaeta
CC1 - 12	Terebellides stroemi	1	1,1776	1,1862	1,1791	0,0086	0,0015	Polychaeta
CC1 - 12	Astarte sp.	6	1,1708	2,9112	2,5444	1,7404	1,3736	Bivalvia
CC1 - 12	Phoxocephalus holboelli	1	1,1705	1,172	1,1707	0,0015	0,0002	Malacostraca
CC1 - 13	Terebellides stroemi	3	1,1679	1,199	1,1724	0,0311	0,0045	Polychaeta
CC1 - 13	Scoloplos armiger	3	1,1773	1,1964	1,1805	0,0191	0,0032	Polychaeta
CC1 - 13	Aricidea suecica	2	1,1685	1,1732	1,1691	0,0047	0,0006	Polychaeta
CC1 - 13	Pygospio elegans	1	1,1707	1,1724	1,171	0,0017	0,0003	Polychaeta
CC1 - 13	Nephtys hombergii	1	1,1656	1,386	1,1963	0,2204	0,0307	Polychaeta
CC1 - 13	Macoma balthica	1	1,1636	1,1662	1,1646	0,0026	0,001	Bivalvia
CC1 - 14	Scoloplos armiger	1	1,1607	1,1622	1,1609	0,0015	0,0002	Polychaeta
CC1 - 14	Macoma balthica	1	1,1684	1,3131	1,2506	0,1447	0,0822	Bivalvia
CC1 - 14	Edwardsia sp.	2	1,1658	1,183	1,1702	0,0172	0,0044	Anthozoa
CC1 - 15	Aricidea suecica	4	1,1596	1,1628	1,1601	0,0032	0,0005	Polychaeta
CC1 - 15	Terebellides stroemi	1	1,1594	1,1685	1,1609	0,0091	0,0015	Polychaeta
CC1 - 15	Scoloplos armiger	1	1,1591	1,1619	1,1595	0,0028	0,0004	Polychaeta
CC1 - 15	Phoxocephalus holboelli	1	1,1695	1,1714	1,1697	0,0019	0,0002	Malacostraca
CC1 - 1x	Terebellides stroemi	5	1,1507	1,1718	1,1547	0,0211	0,004	Polychaeta
CC1 - 1x	Scoloplos armiger	3	1,1553	1,1768	1,1588	0,0215	0,0035	Polychaeta
CC1 - 1x	Pygospio elegans	1	1,1602	1,1616	1,1604	0,0014	0,0002	Polychaeta
CC1 - 1x	Astarte sp.	5	1,1563	6,9362	5,7946	5,7799	4,6383	Bivalvia
CC1 - 1x	Macoma balthica	2	1,1587	1,2537	1,2128	0,095	0,0541	Bivalvia
CC1 - 1x	Bathyporeia pilosa	1	1,1804	1,183	1,1808	0,0026	0,0004	Malacostraca
CC1 - 1x	Halicryptus spinulosus	1	1,1571	1,1581	1,1572	0,001	1E-04	Halicryptomorpha
CC1 - 2x	Travisia forbesii	1	1,174	1,2488	1,2002	0,0748	0,0262	Polychaeta
CC1 - 2x	Scoloplos armiger	5	1,167	1,2064	1,1742	0,0394	0,0072	Polychaeta
CC1 - 2x	Aricidea suecica	1	1,1654	1,1692	1,1665	0,0038	0,0011	Polychaeta
CC1 - 2x	Pygospio elegans	18	1,1677	1,2289	1,202	0,0612	0,0343	Polychaeta
CC1 - 2x	Macoma balthica	3	1,1594	1,5604	1,4113	0,401	0,2519	Bivalvia
CC1 - 2x	Astarte sp.	1	1,1637	1,2801	1,2609	0,1164	0,0972	Bivalvia
CC1 - 4	Pygospio elegans	3	1,1606	1,1637	1,1612	0,0031	0,0006	Polychaeta
CC1 - 4	Oligochaeta indet.	1	1,1758	1,1762	1,1759	0,0004	1E-04	Clitellata
CC1 - 4	Mytilus edulis	1	1,1657	1,1817	1,1733	0,016	0,0076	Bivalvia
CC1 - 4	Bathyporeia pilosa	4	1,1716	1,1905	1,1749	0,0189	0,0033	Malacostraca
CC1 - 9	Scoloplos armiger	9	1,1727	1,2146	1,1805	0,0419	0,0078	Polychaeta
CC1 - 9	Pygospio elegans	6	1,1653	1,1685	1,1659	0,0032	0,0006	Polychaeta
CC1 - 9	Mytilus edulis	3	1,165	1,1772	1,1706	0,0122	0,0056	Bivalvia

CC1 - 9	Diastylis rathkei	1	1,1626	1,1748	1,1641	0,0122	0,0015	Malacostraca
CC1 - 15	Macoma balthica	1	1,1634	1,2972	1,2521	0,1338	0,0887	Bivalvia
CC2 - 1	Oligochaeta indet.	1	1,1668	1,1672	1,1669	0,0004	1E-04	Clitellata
CC2 - 4	Marenzelleria viridis	1	1,1639	1,1995	1,1705	0,0356	0,0066	Polychaeta
CC2 - 4	Hediste diversicolor	1	1,1662	1,1749	1,1672	0,0087	0,001	Polychaeta
CC2 - 4	Pygospio elegans	49	1,1611	1,2096	1,1693	0,0485	0,0082	Polychaeta
CC2 - 4	Oligochaeta indet.	3	1,1652	1,1663	1,1654	0,0011	0,0002	Clitellata
CC2 - 5	Hediste diversicolor	6	1,1659	1,2387	1,1789	0,0728	0,013	Polychaeta
CC2 - 5	Pygospio elegans	2	1,1691	1,1705	1,1693	0,0014	0,0002	Polychaeta
CC2 - 5	Oligochaeta indet.	4	1,1625	1,1663	1,163	0,0038	0,0005	Clitellata
CC2 - 6	Hediste diversicolor	1	1,1685	1,171	1,1689	0,0025	0,0004	Polychaeta
CC2 - 6	Pygospio elegans	2	1,1741	1,1777	1,1747	0,0036	0,0006	Polychaeta
CC2 - 6	Oligochaeta indet.	11	1,1699	1,174	1,1705	0,0041	0,0006	Clitellata
CC2 - 7	Pygospio elegans	1	1,1657	1,1662	1,1658	0,0005	1E-04	Polychaeta
CC2 - 7	Oligochaeta indet.	1	1,1678	1,1695	1,168	0,0017	0,0002	Clitellata
CC2 - 8	Pygospio elegans	1	1,1608	1,1612	1,1609	0,0004	1E-04	Polychaeta
CC2 - 9	Pygospio elegans	1	1,1758	1,1764	1,1759	0,0006	1E-04	Polychaeta
CC2 - 11	Marenzelleria viridis	1	1,1726	1,1976	1,1783	0,025	0,0057	Polychaeta
CC2 - 12	Hediste diversicolor	1	1,1648	1,2068	1,1759	0,042	0,0111	Polychaeta
CC2 - 12	Marenzelleria viridis	1	1,171	1,1738	1,1714	0,0028	0,0004	Polychaeta
CC2 - 12	Oligochaeta indet.	1	1,1509	1,1515	1,151	0,0006	1E-04	Clitellata
CC2 - 12	Pygospio elegans	55	1,1556	1,231	1,1959	0,0754	0,0403	Polychaeta
CC2 - 4	Mytilus edulis	4	1,1607	1,71	1,4239	0,5493	0,2632	Bivalvia
CC2 - 5	Mytilus edulis	6	1,1742	1,2618	1,2157	0,0876	0,0415	Bivalvia
CC2 - 5	Mya arenaria	1	1,167	1,1866	1,1796	0,0196	0,0126	Bivalvia
CC2 - 6	Mytilus edulis	2	1,1653	1,204	1,1824	0,0387	0,0171	Bivalvia
CC2 - 9	Mya arenaria	4	1,1803	1,3109	1,2657	0,1306	0,0746286	Bivalvia
CC2 - 12	Macoma balthica	18	1,1716	1,4666	1,3305	0,295	0,1589	Bivalvia
CC2 - 12	Mytilus edulis	81	1,7276	12,4315	6,1605	10,7039	4,4329	Bivalvia
CC2 - 12	Hydrobia ulvae	2	1,1627	1,167	1,1654	0,0043	0,0027	Gastropoda
CC2 - 4	Gammarus sp.	1	1,182	1,1914	1,1839	0,0094	0,0019	Malacostraca
CC2 - 4	Bathyporeia pilosa	1	1,1705	1,1747	1,1711	0,0042	0,0006	Malacostraca
CC2 - 4	Jaera albifrons	1	1,1698	1,1703	1,1699	0,0005	1E-04	Malacostraca
CC2 - 9	Bathyporeia pilosa	4	1,157	1,1668	1,1584	0,0098	0,0014	Malacostraca
CC2 - 11	Gammarus sp.	1	1,1656	1,168	1,1659	0,0024	0,0003	Malacostraca
CC2 - 11	Bathyporeia pilosa	5	1,1598	1,1814	1,1624	0,0216	0,0026	Malacostraca
CC2 - 12	Gammarus sp.	31	1,1594	1,4991	1,2172	0,3397	0,0578	Malacostraca
CC2 - 12	Idotea balthica	1	1,1591	1,1656	1,1602	0,0065	0,0011	Malacostraca
CC2 - 12	Diastylis rathkei	1	1,1568	1,166	1,1582	0,0092	0,0014	Malacostraca
INV - 7	Terebellides stroemi	2	1,1654	1,1919	1,1692	0,0265	0,0038	Polychaeta
INV - 9	Nephtys ciliata	1	1,1654	1,1775	1,1671	0,0121	0,0017	Polychaeta
INV - 10	Terebellides stroemi	1	1,1679	1,1776	1,1694	0,0097	0,0015	Polychaeta
INV - 15		0				0	0	
INV - 16		0				0	0	
INV - 17	Nephtys hombergii	1	1,161	1,3989	1,2017	0,2379	0,0407	Polychaeta
INV - 18	Scoloplos armiger	5	1,1755	1,2103	1,1815	0,0348	0,006	Polychaeta
INV - 18	Pygospio elegans	2	1,1708	1,1729	1,1717	0,0021	0,0009	Polychaeta
INV - 18	Antinoella sarsi	1	1,1692	1,1733	1,1696	0,0041	0,0004	Polychaeta
INV - 19	Terebellides stroemi	3	1,1624	1,1779	1,1658	0,0155	0,0034	Polychaeta
INV - 19	Scoloplos armiger	1	1,1685	1,1782	1,1707	0,0097	0,0022	Polychaeta
INV - 19	Aricidea suecica	1	1,1742	1,1762	1,1747	0,002	0,0005	Polychaeta
INV - 20	Scoloplos armiger	2	1,1701	1,1989	1,1739	0,0288	0,0038	Polychaeta
INV - 21		0				0	0	
INV - 22		0				0	0	
INV - 24		0				0	0	
INV - 25		0				0	0	
INV - 26	Scoloplos armiger	1	1,1656	1,167	1,1659	0,0014	0,0003	Polychaeta
INV - 28	Scoloplos armiger	3	1,151	1,158	1,1521	0,007	0,0011	Polychaeta
INV - 29	Terebellides stroemi	1	1,1558	1,1585	1,1562	0,0027	0,0004	Polychaeta
INV - 29	Scoloplos armiger	2	1,1606	1,1711	1,1621	0,0105	0,0015	Polychaeta
INV - 30	Scoloplos armiger	15	1,1741	1,3485	1,2155	0,1744	0,0414	Polychaeta
INV - 30	Aricidea suecica	3	1,1674	1,1806	1,1719	0,0132	0,0045	Polychaeta
INV - 30	Ampharete baltica	2	1,1655	1,1677	1,1658	0,0022	0,0003	Polychaeta
INV - 30	Pygospio elegans	20	1,1723	1,1868	1,1786	0,0145	0,0063	Polychaeta
INV - 31	Ampharete baltica	1	1,1668	1,1676	1,1669	0,0008	1E-04	Polychaeta
INV - 31	Pygospio elegans	26	1,164	1,1886	1,1686	0,0246	0,0046	Polychaeta
INV - 32	Scoloplos armiger	10	1,1661	1,2375	1,1791	0,0714	0,013	Polychaeta
INV - 32	Terebellides stroemi	1	1,1614	1,1953	1,1671	0,0339	0,0057	Polychaeta
INV - 32	Aricidea suecica	1	1,1648	1,1668	1,1652	0,002	0,0004	Polychaeta
INV - 32	Pygospio elegans	4	1,1695	1,1731	1,1704	0,0036	0,0009	Polychaeta
INV - 37	Scoloplos armiger	4	1,1278	1,1484	1,1321	0,0206	0,0043	Polychaeta
INV - 37	Terebellides stroemi	3	1,1622	1,1788	1,1642	0,0166	0,002	Polychaeta
INV - 37	Pygospio elegans	2	1,163	1,1647	1,1634	0,0017	0,0004	Polychaeta
INV - 38	Terebellides stroemi	1	1,1614	1,1683	1,1623	0,0069	0,0009	Polychaeta
INV - 39	Terebellides stroemi	1	1,1729	1,1776	1,1738	0,0047	0,0009	Polychaeta
INV - 39	Nephtys hombergii	1	1,173	1,2426	1,1835	0,0696	0,0105	Polychaeta

INV - 40		0				0	0	
INV - 43	Terebellides stroemi	2	1,1718	1,1857	1,1738	0,0139	0,002	Polychaeta
INV - 43	Pygospio elegans	1	1,1641	1,1647	1,1642	0,0006	1E-04	Polychaeta
INV - 44		0				0	0	
INV - 47	Levinsenia gracilis	1	1,1642	1,1649	1,1643	0,0007	1E-04	Polychaeta
INV - 48		0				0	0	
INV - 49		0				0	0	
INV - 50		0				0	0	
INV - 51	Nephtys hombergii	1	1,1626	1,3654	1,1887	0,2028	0,0261	Polychaeta
INV - 52		0				0	0	
INV - 53		0				0	0	
INV - 54		0				0	0	
INV - 55	Terebellides stroemi	1	1,1605	1,173	1,1624	0,0125	0,0019	Polychaeta
INV - 56		0				0	0	
INV - 57		0				0	0	
INV - 58		0				0	0	
INV - 59		0				0	0	
INV - 61	Scoloplos armiger	5	1,1603	1,1676	1,1616	0,0073	0,0013	Polychaeta
INV - 61	Marenzelleria viridis	2	1,1759	1,1991	1,1784	0,0232	0,0025	Polychaeta
INV - 61	Pygospio elegans	8	1,1708	1,1734	1,1711	0,0026	0,0003	Polychaeta
INV - 61	Oligochaeta indet.	4	1,165	1,1672	1,1653	0,0022	0,0003	Clitellata
INV - 61	Tubificoides benedii	1	1,1751	1,176	1,1752	0,0009	1E-04	Clitellata
INV - 62	Pygospio elegans	5	1,1815	1,1926	1,1835	0,0111	0,002	Polychaeta
INV - 62	Tubificoides benedii	1	1,1741	1,1745	1,1742	0,0004	1E-04	Clitellata
INV - 62	Oligochaeta indet.	1	1,1735	1,1739	1,1736	0,0004	1E-04	Clitellata
INV - 66	Nephtys caeca	1	1,1722	1,3403	1,2082	0,1681	0,036	Polychaeta
INV - 66	Marenzelleria viridis	1	1,1719	1,2401	1,1834	0,0682	0,0115	Polychaeta
INV - 66	Travisia forbesii	1	1,167	1,1802	1,1721	0,0132	0,0051	Polychaeta
INV - 66	Spio armata	1	1,1619	1,1624	1,162	0,0005	1E-04	Polychaeta
INV - 66	Pygospio elegans	9	1,1696	1,1769	1,171	0,0073	0,0014	Polychaeta
INV - 70	Neomphitrite figulus	1	1,1658	1,359	1,1889	0,1932	0,0231	Polychaeta
INV - 70	Scoloplos armiger	1	1,1597	1,1682	1,1611	0,0085	0,0014	Polychaeta
INV - 70	Pygospio elegans	8	1,1596	1,1623	1,16	0,0027	0,0004	Polychaeta
INV - 70	Oligochaeta indet.	7	1,1588	1,1631	1,1593	0,0043	0,0005	Clitellata
INV - 70	Tubificoides benedii	5	1,1674	1,1703	1,1678	0,0029	0,0004	Clitellata
INV - 70	Nemertini indet.	1	1,1656	1,1677	1,1659	0,0021	0,0003	Nemertini
INV - 73	Scoloplos armiger	6	1,165	1,2176	1,1723	0,0526	0,0073	Polychaeta
INV - 73	Aricidea suecica	4	1,1566	1,1785	1,1641	0,0219	0,0075	Polychaeta
INV - 73	Pygospio elegans	15	1,1629	1,1679	1,1635	0,005	0,0006	Polychaeta
INV - 73	Capitella capitata	1	1,1622	1,1627	1,1623	0,0005	0,0001	Polychaeta
INV - 73	Tubificoides benedii	1	1,1613	1,1621	1,1614	0,0008	1E-04	Clitellata
INV - 73	Oligochaeta indet.	1	1,1707	1,1728	1,171	0,0021	0,0003	Clitellata
INV - 79	Marenzelleria viridis	2	1,1714	1,2174	1,1763	0,046	0,0049	Polychaeta
INV - 79	Pygospio elegans	2	1,1737	1,1754	1,1739	0,0017	0,0002	Polychaeta
INV - 79	Tubificoides benedii	1	1,1581	1,1589	1,1582	0,0008	1E-04	Clitellata
INV - 79	Oligochaeta indet.	4	1,166	1,1673	1,1662	0,0013	0,0002	Clitellata
INV - 80	Neanthes succinea	1	1,1596	1,1651	1,1603	0,0055	0,0007	Polychaeta
INV - 80	Marenzelleria viridis	1	1,1673	1,2059	1,1723	0,0386	0,005	Polychaeta
INV - 80	Pygospio elegans	3	1,1652	1,1674	1,1655	0,0022	0,0003	Polychaeta
INV - 80	Oligochaeta indet.	2	1,1666	1,1706	1,1671	0,004	0,0005	Clitellata
INV - 81	Marenzelleria viridis	1	1,1639	1,2162	1,1724	0,0523	0,0085	Polychaeta
INV - 81	Neanthes succinea	1	1,1634	1,2044	1,1693	0,041	0,0059	Polychaeta
INV - 81	Travisia forbesii	1	1,1639	1,1926	1,1773	0,0287	0,0134	Polychaeta
INV - 81	Pygospio elegans	21	1,1687	1,1906	1,1714	0,0219	0,0027	Polychaeta
INV - 81	Oligochaeta indet.	1	1,1635	1,1639	1,1636	0,0004	1E-04	Clitellata
INV - 82	Ampharete baltica	1	1,1716	1,1725	1,1717	0,0009	1E-04	Polychaeta
INV - 82	Pygospio elegans	5	1,1726	1,1759	1,173	0,0033	0,0004	Polychaeta
INV - 83	Marenzelleria viridis	2	1,1616	1,2135	1,1691	0,0519	0,0075	Polychaeta
INV - 83	Pygospio elegans	2	1,1697	1,1713	1,1699	0,0016	0,0002	Polychaeta
INV - 83	Scoloplos armiger	1	1,1682	1,1877	1,1733	0,0195	0,0051	Polychaeta
INV - 84	Neanthes succinea	3	1,1652	1,1854	1,1685	0,0202	0,0033	Polychaeta
INV - 84	Pygospio elegans	4	1,1682	1,171	1,1685	0,0028	0,0003	Polychaeta
INV - 84	Tubificoides benedii	1	1,1626	1,1631	1,1627	0,0005	1E-04	Clitellata
INV - 84	Oligochaeta indet.	2	1,1608	1,1643	1,1612	0,0035	0,0004	Clitellata
INV - 85	Pygospio elegans	32	1,1664	1,1904	1,1735	0,024	0,0071	Polychaeta
INV - 85	Marenzelleria viridis	1	1,1703	1,2152	1,178	0,0449	0,0077	Polychaeta
INV - 85	Tubificoides benedii	1	1,1642	1,1648	1,1643	0,0006	1E-04	Clitellata
INV - 85	Oligochaeta indet.	1	1,1567	1,1576	1,1568	0,0009	1E-04	Clitellata
INV - 86	Pygospio elegans	17	1,1637	1,1788	1,1693	0,0151	0,0056	Polychaeta
INV - 87	Pygospio elegans	26	1,1557	1,1758	1,1628	0,0201	0,0071	Polychaeta
INV - 87	Oligochaeta indet.	1	1,1586	1,1596	1,1588	0,001	0,0002	Clitellata
INV - 88	Marenzelleria viridis	4	1,159	1,1884	1,1644	0,0294	0,0054	Polychaeta
INV - 88	Pygospio elegans	39	1,1594	1,1849	1,1657	0,0255	0,0063	Polychaeta
INV - 91	Scoloplos armiger	2	1,1638	1,1681	1,1646	0,0043	0,0008	Polychaeta
INV - 95	Marenzelleria viridis	1	1,1655	1,1732	1,1663	0,0077	0,0008	Polychaeta
INV - 95	Pygospio elegans	35	1,1618	1,1861	1,1688	0,0243	0,007	Polychaeta

INV - 95	Oligochaeta indet.	4	1,1648	1,1677	1,1652	0,0029	0,0004	Clitellata
INV - 98	Scoloplos armiger	1	1,1638	1,168	1,1646	0,0042	0,0008	Polychaeta
INV - 100		0				0	0	
INV - 101	Scoloplos armiger	5	1,167	1,1931	1,1705	0,0261	0,0035	Polychaeta
INV - 105	Scoloplos armiger	2	1,1571	1,1677	1,1587	0,0106	0,0016	Polychaeta
INV - 110	Pygospio elegans	3	1,173	1,1763	1,1738	0,0033	0,0008	Polychaeta
INV - 111	Pygospio elegans	39	1,1712	1,1942	1,1783	0,023	0,0071	Polychaeta
INV - 111	Oligochaeta indet.	5	1,1699	1,174	1,1704	0,0041	0,0005	Clitellata
INV - 112	Pygospio elegans	1	1,1618	1,1627	1,1619	0,0009	1E-04	Polychaeta
INV - 113	Travisia forbesii	7	1,1781	1,3941	1,2673	0,216	0,0892	Polychaeta
INV - 113	Pygospio elegans	26	1,1679	1,1936	1,1714	0,0257	0,0035	Polychaeta
INV - 8	Macoma balthica	1	1,1773	1,7612	1,4821	0,5839	0,3048	Bivalvia
INV - 8	Astarte sp.	1	1,1686	1,2658	1,2475	0,0972	0,0789	Bivalvia
INV - 9	Astarte sp.	1	1,1682	1,6731	1,5464	0,5049	0,3782	Bivalvia
INV - 11	Macoma balthica	1	1,1711	1,4966	1,3242	0,3255	0,1531	Bivalvia
INV - 12	Macoma balthica	1	1,1659	1,2696	1,2227	0,1037	0,0568	Bivalvia
INV - 13	Astarte sp.	1	1,166	1,3684	1,3321	0,2024	0,1661	Bivalvia
INV - 14	Astarte sp.	1	1,158	1,2716	1,2465	0,1136	0,0885	Bivalvia
INV - 17	Astarte sp.	1	1,1765	1,3345	1,3092	0,158	0,1327	Bivalvia
INV - 18	Astarte sp.	2	1,1625	1,3322	1,2857	0,1697	0,1232	Bivalvia
INV - 19	Astarte sp.	4	1,1616	3,4013	2,952	2,2397	1,7904	Bivalvia
INV - 20	Macoma balthica	1	1,1607	1,2967	1,2376	0,136	0,0769	Bivalvia
INV - 23	Arctica islandica	1	1,7261	7,5726	5,8602	5,8465	4,1341	Bivalvia
INV - 27	Macoma balthica	1	1,1593	1,6119	1,4289	0,4526	0,2696	Bivalvia
INV - 29	Astarte sp.	1	1,1568	1,412	1,3612	0,2552	0,2044	Bivalvia
INV - 30	Macoma balthica	2	1,1817	1,3669	1,3111	0,1852	0,1294	Bivalvia
INV - 32	Astarte sp.	1	1,1563	3,2136	2,7494	2,0573	1,5931	Bivalvia
INV - 37	Astarte sp.	10	1,1804	4,2102	3,5546	3,0298	2,3742	Bivalvia
INV - 37	Macoma balthica	1	1,1706	1,1748	1,1718	0,0042	0,0012	Bivalvia
INV - 38	Astarte sp.	1	1,1697	2,0815	1,8787	0,9118	0,709	Bivalvia
INV - 38	Macoma balthica	2	1,1686	1,2325	1,2084	0,0639	0,0398	Bivalvia
INV - 39	Astarte sp.	2	1,1566	1,2901	1,2631	0,1335	0,1065	Bivalvia
INV - 39	Macoma balthica	1	1,1608	1,6716	1,3806	0,5108	0,2198	Bivalvia
INV - 45	Astarte sp.	1	1,1779	1,3705	1,3174	0,1926	0,1395	Bivalvia
INV - 46	Arctica islandica	1	1,1578	4,0834	3,251	2,9256	2,0932	Bivalvia
INV - 55	Macoma balthica	1	1,1529	1,2598	1,2212	0,1069	0,0683	Bivalvia
INV - 60	Macoma balthica	1	1,1667	2,0517	1,7706	0,885	0,6039	Bivalvia
INV - 62	Mytilus edulis	3	1,1557	1,1653	1,1602	0,0096	0,0045	Bivalvia
INV - 62	Mya arenaria	1	1,1516	1,1673	1,1599	0,0157	0,0083	Bivalvia
INV - 66	Macoma balthica	1	1,1669	1,2955	1,2502	0,1286	0,0833	Bivalvia
INV - 73	Macoma balthica	1	1,1621	1,1693	1,1651	0,0072	0,0003	Bivalvia
INV - 80	Mytilus edulis	5	1,1541	1,2638	1,2046	0,1097	0,0505	Bivalvia
INV - 82	Mytilus edulis	2	1,151	1,1556	1,1527	0,0046	0,0017	Bivalvia
INV - 82	Macoma balthica	1	1,1526	1,1869	1,1696	0,0343	0,017	Bivalvia
INV - 84	Mytilus edulis	29	1,1779	5,8068	3,0959	4,6289	1,918	Bivalvia
INV - 85	Mytilus edulis	1	1,1838	1,1966	1,1892	0,0128	0,0054	Bivalvia
INV - 85	Macoma balthica	2	1,1561	1,2599	1,2158	0,1038	0,0597	Bivalvia
INV - 86	Macoma balthica	24	1,1783	1,6286	1,4094	0,4503	0,2311	Bivalvia
INV - 87	Macoma balthica	8	1,1599	1,1946	1,177	0,0347	0,0171	Bivalvia
INV - 88	Mytilus edulis	2	1,1742	1,1803	1,177	0,0061	0,0028	Bivalvia
INV - 88	Macoma balthica	8	1,1623	1,283	1,2255	0,1207	0,0632	Bivalvia
INV - 91	Macoma balthica	14	1,1479	1,2257	1,187	0,0778	0,0391	Bivalvia
INV - 95	Macoma balthica	10	1,1572	1,2761	1,2174	0,1189	0,0602	Bivalvia
INV - 99	Macoma balthica	1	1,1507	1,1759	1,1671	0,0252	0,0164	Bivalvia
INV - 101	Macoma balthica	1	1,1697	1,2427	1,2144	0,073	0,0447	Bivalvia
INV - 102	Macoma balthica	1	1,1686	1,1828	1,1752	0,0142	0,0066	Bivalvia
INV - 107	Macoma balthica	4	1,1419	1,2142	1,1772	0,0723	0,0353	Bivalvia
INV - 110	Mytilus edulis	1	1,1635	1,4467	1,2729	0,2832	0,1094	Bivalvia
INV - 110	Macoma balthica	6	1,1505	1,3101	1,234	0,1596	0,0835	Bivalvia
INV - 111	Macoma balthica	4	1,1674	1,4637	1,338	0,2963	0,1706	Bivalvia
INV - 18	Corophium crassicornae	1	1,1569	1,1589	1,1571	0,002	0,0002	Malacostraca
INV - 31	Bathyporeia pilosa	1	1,1596	1,1613	1,1598	0,0017	0,0002	Malacostraca
INV - 66	Corophium crassicornae	3	1,1642	1,1677	1,1646	0,0035	0,0004	Malacostraca
INV - 79	Bathyporeia pilosa	1	1,1753	1,1797	1,1758	0,0044	0,0005	Malacostraca
INV - 85	Diastylis rathkei	2	1,1731	1,1952	1,1765	0,0221	0,0034	Malacostraca
INV - 86	Pontoporeia femorata	1	1,1623	1,1704	1,1635	0,0081	0,0012	Malacostraca
INV - 87	Pontoporeia femorata	1	1,1743	1,1822	1,1752	0,0079	0,0009	Malacostraca
INV - 88	Pontoporeia affinis	1	1,1654	1,1683	1,1657	0,0029	0,0003	Malacostraca
INV - 91	Pontoporeia femorata	1	1,149	1,1601	1,1503	0,0111	0,0013	Malacostraca
INV - 95	Pontoporeia affinis	7	1,149	1,1755	1,1518	0,0265	0,0028	Malacostraca
INV - 111	Pontoporeia femorata	4	1,1578	1,1951	1,1621	0,0373	0,0043	Malacostraca
INV - 113	Bathyporeia pilosa	1	1,1568	1,1591	1,1571	0,0023	0,0003	Malacostraca
INV - 10	Edwardsia sp.	1	1,1731	1,1766	1,1737	0,0035	0,0006	Anthozoa
INV - 19	Edwardsia sp.	1	1,1556	1,1604	1,1567	0,0048	0,0011	Anthozoa
INV - 29	Edwardsia sp.	1	1,1632	1,1693	1,1643	0,0061	0,0011	Anthozoa
INV - 37	Edwardsia sp.	5	1,1596	1,1748	1,1658	0,0152	0,0062	Anthozoa

INV - 41	Edwardsia sp.	1	1,1517	1,1532	1,1519	0,0015	0,0002	Anthozoa
INV - 61	Nemertini indet.	2	1,1573	1,1694	1,159	0,0121	0,0017	Nemertini
INV - 86	Nemertini indet.	1	1,1702	1,1736	1,1707	0,0034	0,0005	Nemertini
INV - 86	Halicryptus spinulosus	1	1,1661	1,1815	1,1684	0,0154	0,0023	Halicryptomorpha
INV - 95	Halicryptus spinulosus	3	1,1524	1,1625	1,1535	0,0101	0,0011	Halicryptomorpha
INV - 102	Nemertini indet.	1	1,1653	1,2261	1,1764	0,0608	0,0111	Nemertini
INV - 111	Halicryptus spinulosus	2	1,154	1,1679	1,1555	0,0139	0,0015	Halicryptomorpha
SPA - 16	Hediste diversicolor	4	1,1653	1,3762	1,2532	0,2109	0,0879	Polychaeta
SPA - 16	Pygospio elegans	21	1,1655	1,1954	1,1732	0,0299	0,0077	Polychaeta
SPA - 16	Oligochaeta indet.	2	1,1681	1,1695	1,1683	0,0014	0,0002	Clitellata
SPA - 17	Hediste diversicolor	3	1,1608	1,1839	1,1663	0,0231	0,0055	Polychaeta
SPA - 17	Marenzelleria viridis	2	1,1754	1,2104	1,1838	0,035	0,0084	Polychaeta
SPA - 17	Pygospio elegans	8	1,1728	1,1838	1,1758	0,011	0,003	Polychaeta
SPA - 17	Oligochaeta indet.	1	1,1666	1,1678	1,1668	0,0012	0,0002	Clitellata
SPA - 18	Hediste diversicolor	2	1,1642	1,1779	1,1661	0,0137	0,0019	Polychaeta
SPA - 18	Marenzelleria viridis	1	1,1662	1,2961	1,1936	0,1299	0,0274	Polychaeta
SPA - 18	Pygospio elegans	2	1,1612	1,1625	1,1614	0,0013	0,0002	Polychaeta
SPA - 18	Oligochaeta indet.	1	1,1649	1,1656	1,165	0,0007	1E-04	Clitellata
SPA - 21	Marenzelleria viridis	1	1,171	1,1821	1,1729	0,0111	0,0019	Polychaeta
SPA - 21	Pygospio elegans	1	1,1692	1,1698	1,1693	0,0006	1E-04	Polychaeta
SPA - 21	Oligochaeta indet.	5	1,1628	1,1634	1,1629	0,0006	1E-04	Clitellata
SPA - 22	Marenzelleria viridis	1	1,1687	1,1787	1,171	0,01	0,0023	Polychaeta
SPA - 22	Pygospio elegans	3	1,1745	1,176	1,1747	0,0015	0,0002	Polychaeta
SPA - 23	Pygospio elegans	18	1,17	1,1806	1,1739	0,0106	0,0039	Polychaeta
SPA - 23	Marenzelleria viridis	4	1,1658	1,1944	1,1708	0,0286	0,005	Polychaeta
SPA - 23	Oligochaeta indet.	2	1,1508	1,1511	1,1509	0,0003	1E-04	Clitellata
SPA - 24	Pygospio elegans	1	1,1557	1,1578	1,156	0,0021	0,0003	Polychaeta
SPA - 25	Hediste diversicolor	1	1,1602	1,1615	1,1604	0,0013	0,0002	Polychaeta
SPA - 25	Oligochaeta indet.	1	1,1743	1,1747	1,1744	0,0004	0,0001	Clitellata
SPA - 28	Pygospio elegans	1	1,1675	1,168	1,1676	0,0005	1E-04	Polychaeta
SPA - 28	Oligochaeta indet.	1	1,1657	1,1663	1,1658	0,0006	1E-04	Clitellata
SPA - 29	Pygospio elegans	24	1,1729	1,1919	1,1799	0,019	0,007	Polychaeta
SPA - 29	Marenzelleria viridis	2	1,1714	1,1761	1,1721	0,0047	0,0007	Polychaeta
SPA - 30	Oligochaeta indet.	1	1,1699	1,1703	1,17	0,0004	1E-04	Clitellata
SPA - 31	Hediste diversicolor	1	1,1661	1,3246	1,1856	0,1585	0,0195	Polychaeta
SPA - 31	Pygospio elegans	2	1,1586	1,1615	1,1589	0,0029	0,0003	Polychaeta
SPA - 32	Marenzelleria viridis	3	1,1641	1,2429	1,1738	0,0788	0,0097	Polychaeta
SPA - 32	Pygospio elegans	1	1,1567	1,1587	1,157	0,002	0,0003	Polychaeta
SPA - 32	Oligochaeta indet.	1	1,1639	1,1643	1,164	0,0004	1E-04	Clitellata
SPA - 35	Pygospio elegans	1	1,1557	1,1573	1,1559	0,0016	0,0002	Polychaeta
SPA - 36	Hediste diversicolor	1	1,1703	1,1708	1,1704	0,0005	0,0001	Polychaeta
SPA - 36	Pygospio elegans	1	1,1593	1,161	1,1595	0,0017	0,0002	Polychaeta
SPA - 37	Marenzelleria viridis	1	1,1597	1,1643	1,1603	0,0046	0,0006	Polychaeta
SPA - 37	Oligochaeta indet.	1	1,1641	1,1648	1,1642	0,0007	1E-04	Clitellata
SPA - 38	Pygospio elegans	1	1,1658	1,168	1,1661	0,0022	0,0003	Polychaeta
SPA - 39		0				0	0	
SPA - 45	Pygospio elegans	1	1,165	1,1672	1,1653	0,0022	0,0003	Polychaeta
SPA - 46	Pygospio elegans	1	1,1613	1,1628	1,1615	0,0015	0,0002	Polychaeta
SPA - 47	Pygospio elegans	2	1,1638	1,168	1,1645	0,0042	0,0007	Polychaeta
SPA - 48	Oligochaeta indet.	1	1,1738	1,1745	1,1739	0,0007	1E-04	Clitellata
SPA - 49	Oligochaeta indet.	3	1,1586	1,1596	1,1587	0,001	1E-04	Clitellata
SPA - 54	Antinoella sarsi	1	1,1661	1,2638	1,1769	0,0977	0,0108	Polychaeta
SPA - 54	Neanthes succinea	2	1,1594	1,193	1,1646	0,0336	0,0052	Polychaeta
SPA - 54	Hediste diversicolor	1	1,1675	1,2194	1,1748	0,0519	0,0073	Polychaeta
SPA - 54	Pygospio elegans	1	1,1657	1,1665	1,1658	0,0008	1E-04	Polychaeta
SPA - 54	Oligochaeta indet.	3	1,1668	1,1702	1,1673	0,0034	0,0005	Clitellata
SPA - 54	Tubificoides benedii	2	1,162	1,1634	1,1622	0,0014	0,0002	Clitellata
SPA - 58	Marenzelleria viridis	1	1,1697	1,1872	1,1719	0,0175	0,0022	Polychaeta
SPA - 58	Pygospio elegans	1	1,168	1,1689	1,1681	0,0009	1E-04	Polychaeta
SPA - 59	Marenzelleria viridis	1	1,163	1,1744	1,1646	0,0114	0,0016	Polychaeta
SPA - 59	Pygospio elegans	1	1,1608	1,1612	1,1609	0,0004	1E-04	Polychaeta
SPA - 60	Hediste diversicolor	2	1,1681	1,1691	1,1683	0,001	0,0002	Polychaeta
SPA - 60	Pygospio elegans	1	1,1662	1,1666	1,1663	0,0004	1E-04	Polychaeta
SPA - 61	Pygospio elegans	6	1,1641	1,1691	1,1648	0,005	0,0007	Polychaeta
SPA - 61	Marenzelleria viridis	1	1,1634	1,1765	1,1653	0,0131	0,0019	Polychaeta
SPA - 61	Hediste diversicolor	1	1,164	1,1649	1,1641	0,0009	1E-04	Polychaeta
SPA - 61	Tubificoides benedii	1	1,1684	1,1689	1,1685	0,0005	1E-04	Clitellata
SPA - 61	Oligochaeta indet.	8	1,1637	1,1665	1,164	0,0028	0,0003	Clitellata
SPA - 62	Pygospio elegans	1	1,1717	1,1725	1,1718	0,0008	1E-04	Polychaeta
SPA - 62	Marenzelleria viridis	1	1,1725	1,174	1,1727	0,0015	0,0002	Polychaeta
SPA - 64	Pygospio elegans	4	1,1572	1,1607	1,1576	0,0035	0,0004	Polychaeta
SPA - 64	Tubificoides benedii	1	1,1652	1,1658	1,1653	0,0006	1E-04	Clitellata
SPA - 64	Oligochaeta indet.	1	1,1631	1,1636	1,1632	0,0005	1E-04	Clitellata
SPA - 65	Pygospio elegans	2	1,1623	1,167	1,1633	0,0047	0,001	Polychaeta
SPA - 65	Marenzelleria viridis	1	1,1625	1,1694	1,164	0,0069	0,0015	Polychaeta
SPA - 65	Hediste diversicolor	1	1,1708	1,1738	1,1712	0,003	0,0004	Polychaeta

SPA - 66	Pygospio elegans	1	1,1716	1,1731	1,1718	0,0015	0,0002	Polychaeta
SPA - 66	Oligochaeta indet.	3	1,1737	1,1745	1,1738	0,0008	1E-04	Clitellata
SPA - 67	Pygospio elegans	3	1,1734	1,1751	1,1736	0,0017	0,0002	Polychaeta
SPA - 67	Oligochaeta indet.	25	1,1722	1,1814	1,1734	0,0092	0,0012	Clitellata
SPA - 68	Hediste diversicolor	1	1,1718	1,1888	1,1738	0,017	0,002	Polychaeta
SPA - 68	Pygospio elegans	1	1,1672	1,169	1,1674	0,0018	0,0002	Polychaeta
SPA - 68	Oligochaeta indet.	3	1,1623	1,164	1,1625	0,0017	0,0002	Clitellata
SPA - 76	Hediste diversicolor	1	1,1694	1,1734	1,1699	0,004	0,0005	Polychaeta
SPA - 76	Pygospio elegans	1	1,1572	1,1578	1,1573	0,0006	1E-04	Polychaeta
SPA - 76	Oligochaeta indet.	4	1,1657	1,1672	1,1659	0,0015	0,0002	Clitellata
SPA - 77	Pygospio elegans	7	1,16	1,1673	1,1608	0,0073	0,0008	Polychaeta
SPA - 77	Marenzelleria viridis	2	1,1597	1,1972	1,1653	0,0375	0,0056	Polychaeta
SPA - 77	Hediste diversicolor	1	1,1589	1,1959	1,1641	0,037	0,0052	Polychaeta
SPA - 77	Oligochaeta indet.	2	1,1658	1,1671	1,166	0,0013	0,0002	Clitellata
SPA - 78	Pygospio elegans	4	1,1677	1,1732	1,1685	0,0055	0,0008	Polychaeta
SPA - 78	Oligochaeta indet.	8	1,1674	1,1703	1,1678	0,0029	0,0004	Clitellata
SPA - 79	Hediste diversicolor	1	1,1606	1,1999	1,1676	0,0393	0,007	Polychaeta
SPA - 79	Marenzelleria viridis	1	1,1759	1,1864	1,1774	0,0105	0,0015	Polychaeta
SPA - 79	Pygospio elegans	1	1,171	1,1716	1,1711	0,0006	1E-04	Polychaeta
SPA - 87	Pygospio elegans	5	1,1651	1,1666	1,1653	0,0015	0,0002	Polychaeta
SPA - 88	Hediste diversicolor	1	1,1751	1,1891	1,1766	0,014	0,0015	Polychaeta
SPA - 88	Pygospio elegans	5	1,1812	1,1856	1,1818	0,0044	0,0006	Polychaeta
SPA - 94	Hediste diversicolor	2	1,1732	1,1828	1,1746	0,0096	0,0014	Polychaeta
SPA - 94	Oligochaeta indet.	2	1,1717	1,1733	1,1719	0,0016	0,0002	Clitellata
SPA - 95	Hediste diversicolor	3	1,1642	1,1781	1,1662	0,0139	0,002	Polychaeta
SPA - 95	Oligochaeta indet.	1	1,1646	1,1651	1,1647	0,0005	1E-04	Clitellata
SPA - 97	Pygospio elegans	12	1,1627	1,1758	1,1645	0,0131	0,0018	Polychaeta
SPA - 97	Oligochaeta indet.	1	1,1606	1,1612	1,1607	0,0006	1E-04	Clitellata
SPA - 100	Hediste diversicolor	1	1,1692	1,1743	1,1701	0,0051	0,0009	Polychaeta
SPA - 100	Pygospio elegans	1	1,1277	1,1283	1,1278	0,0006	1E-04	Polychaeta
SPA - 101	Hediste diversicolor	2	1,1622	1,1765	1,165	0,0143	0,0028	Polychaeta
SPA - 101	Pygospio elegans	3	1,1616	1,1632	1,1618	0,0016	0,0002	Polychaeta
SPA - 102	Marenzelleria viridis	2	1,1731	1,2074	1,1783	0,0343	0,0052	Polychaeta
SPA - 102	Hediste diversicolor	1	1,1625	1,1861	1,1658	0,0236	0,0033	Polychaeta
SPA - 102	Oligochaeta indet.	1	1,1537	1,1543	1,1538	0,0006	1E-04	Clitellata
SPA - 103	Hediste diversicolor	2	1,1447	1,3747	1,1824	0,23	0,0377	Polychaeta
SPA - 103	Oligochaeta indet.	5	1,1552	1,1591	1,1558	0,0039	0,0006	Clitellata
SPA - 105	Pygospio elegans	3	1,1485	1,1496	1,1487	0,0011	0,0002	Polychaeta
SPA - 105	Hediste diversicolor	1	1,1636	1,1643	1,1637	0,0007	1E-04	Polychaeta
SPA - 105	Oligochaeta indet.	1	1,1645	1,165	1,1646	0,0005	1E-04	Clitellata
SPA - 106	Pygospio elegans	3	1,1616	1,164	1,1619	0,0024	0,0003	Polychaeta
SPA - 106	Marenzelleria viridis	1	1,1665	1,232	1,1751	0,0655	0,0086	Polychaeta
SPA - 106	Oligochaeta indet.	1	1,157	1,1575	1,1571	0,0005	1E-04	Clitellata
SPA - 107	Pygospio elegans	2	1,171	1,1729	1,1712	0,0019	0,0002	Polychaeta
SPA - 107	Oligochaeta indet.	1	1,1502	1,1506	1,1503	0,0004	0,0001	Clitellata
SPA - 114	Pygospio elegans	1	1,1523	1,1531	1,1524	0,0008	1E-04	Polychaeta
SPA - 115	Hediste diversicolor	2	1,1562	1,158	1,1565	0,0018	0,0003	Polychaeta
SPA - 115	Pygospio elegans	1	1,1519	1,1543	1,1524	0,0024	0,0005	Polychaeta
SPA - 115	Oligochaeta indet.	2	1,1652	1,1664	1,1654	0,0012	0,0002	Clitellata
SPA - 116	Oligochaeta indet.	5	1,1545	1,1573	1,1548	0,0028	0,0003	Clitellata
SPA - 117	Marenzelleria viridis	3	1,1467	1,2469	1,1844	0,1002	0,0377	Polychaeta
SPA - 117	Pygospio elegans	2	1,1637	1,1642	1,1638	0,0005	1E-04	Polychaeta
SPA - 117	Oligochaeta indet.	1	1,1479	1,1483	1,148	0,0004	1E-04	Clitellata
SPA - 118	Pygospio elegans	4	1,1533	1,1546	1,1535	0,0013	0,0002	Polychaeta
SPA - 118	Oligochaeta indet.	1	1,1651	1,1665	1,1653	0,0014	0,0002	Clitellata
SPA - 119	Oligochaeta indet.	1	1,1537	1,1542	1,1538	0,0005	1E-04	Clitellata
SPA - 120	Marenzelleria viridis	1	1,156	1,3152	1,2062	0,1592	0,0502	Polychaeta
SPA - 120	Pygospio elegans	5	1,1503	1,1578	1,1513	0,0075	0,001	Polychaeta
SPA - 122	Pygospio elegans	2	1,1718	1,1764	1,1732	0,0046	0,0014	Polychaeta
SPA - 122	Marenzelleria viridis	1	1,1582	1,1611	1,1587	0,0029	0,0005	Polychaeta
SPA - 123	Pygospio elegans	3	1,1746	1,1776	1,175	0,003	0,0004	Polychaeta
SPA - 124	Pygospio elegans	1	1,1652	1,1674	1,1655	0,0022	0,0003	Polychaeta
SPA - 124	Oligochaeta indet.	1	1,1492	1,1497	1,1493	0,0005	1E-04	Clitellata
SPA - 125	Marenzelleria viridis	3	1,1492	1,177	1,1527	0,0278	0,0035	Polychaeta
SPA - 125	Pygospio elegans	3	1,1578	1,1605	1,1582	0,0027	0,0004	Polychaeta
SPA - 126	Hediste diversicolor	2	1,1569	1,1644	1,1581	0,0075	0,0012	Polychaeta
SPA - 126	Marenzelleria viridis	1	1,1733	1,1951	1,1768	0,0218	0,0035	Polychaeta
SPA - 126	Pygospio elegans	1	1,1557	1,1562	1,1558	0,0005	1E-04	Polychaeta
SPA - 126	Oligochaeta indet.	4	1,1631	1,1659	1,1634	0,0028	0,0003	Clitellata
SPA - 127	Hediste diversicolor	2	1,1594	1,1808	1,1636	0,0214	0,0042	Polychaeta
SPA - 127	Pygospio elegans	1	1,1516	1,1521	1,1517	0,0005	1E-04	Polychaeta
SPA - 127	Oligochaeta indet.	5	1,1575	1,1592	1,1577	0,0017	0,0002	Clitellata
SPA - 129	Pygospio elegans	2	1,1702	1,1723	1,1705	0,0021	0,0003	Polychaeta
SPA - 130	Pygospio elegans	1	1,1661	1,1672	1,1663	0,0011	0,0002	Polychaeta
SPA - 130	Oligochaeta indet.	1	1,1508	1,1515	1,1509	0,0007	1E-04	Clitellata
SPA - 131	Pygospio elegans	1	1,1697	1,1703	1,1698	0,0006	1E-04	Polychaeta

SPA - 132	Oligochaeta indet.	1	1,1686	1,171	1,1689	0,0024	0,0003	Clitellata
SPA - 133	Pygospio elegans	2	1,1418	1,1438	1,1421	0,002	0,0003	Polychaeta
SPA - 133	Oligochaeta indet.	3	1,1637	1,1664	1,164	0,0027	0,0003	Clitellata
SPA - 136	Marenzelleria viridis	1	1,1506	1,1678	1,1531	0,0172	0,0025	Polychaeta
SPA - 137	Pygospio elegans	9	1,1515	1,1578	1,1522	0,0063	0,0007	Polychaeta
SPA - 138	Pygospio elegans	3	1,1555	1,1616	1,1563	0,0061	0,0008	Polychaeta
SPA - 138	Oligochaeta indet.	1	1,1618	1,1622	1,1619	0,0004	1E-04	Clitellata
SPA - 139	Marenzelleria viridis	3	1,1584	1,3357	1,1835	0,1773	0,0251	Polychaeta
SPA - 139	Pygospio elegans	3	1,1521	1,1564	1,1527	0,0043	0,0006	Polychaeta
SPA - 139	Hediste diversicolor	1	1,1584	1,1591	1,1585	0,0007	1E-04	Polychaeta
SPA - 140	Pygospio elegans	2	1,167	1,1704	1,1674	0,0034	0,0004	Polychaeta
SPA - 140	Oligochaeta indet.	1	1,1572	1,1578	1,1573	0,0006	1E-04	Clitellata
SPA - 141	Hediste diversicolor	2	1,1594	1,1963	1,1663	0,0369	0,0069	Polychaeta
SPA - 141	Marenzelleria viridis	1	1,1642	1,1975	1,1684	0,0333	0,0042	Polychaeta
SPA - 141	Pygospio elegans	1	1,175	1,1761	1,1752	0,0011	0,0002	Polychaeta
SPA - 141	Oligochaeta indet.	1	1,1733	1,1742	1,1734	0,0009	1E-04	Clitellata
SPA - 142	Marenzelleria viridis	1	1,1624	1,2002	1,1707	0,0378	0,0083	Polychaeta
SPA - 142	Pygospio elegans	20	1,1623	1,1736	1,1635	0,0113	0,0012	Polychaeta
SPA - 143	Pygospio elegans	58	1,1607	1,3063	1,2418	0,1456	0,0811	Polychaeta
SPA - 147	Hediste diversicolor	1	1,1625	1,189	1,1713	0,0265	0,0088	Polychaeta
SPA - 147	Marenzelleria viridis	1	1,1544	1,2397	1,1841	0,0853	0,0297	Polychaeta
SPA - 147	Pygospio elegans	2	1,1677	1,1723	1,1682	0,0046	0,0005	Polychaeta
SPA - 147	Oligochaeta indet.	1	1,1691	1,1699	1,1692	0,0008	1E-04	Clitellata
SPA - 148	Pygospio elegans	2	1,1684	1,1689	1,1685	0,0005	1E-04	Polychaeta
SPA - 148	Oligochaeta indet.	1	1,1491	1,1499	1,1492	0,0008	1E-04	Clitellata
SPA - 150	Pygospio elegans	4	1,1534	1,1555	1,1537	0,0021	0,0003	Polychaeta
SPA - 152	Pygospio elegans	2	1,1573	1,1592	1,1575	0,0019	0,0002	Polychaeta
SPA - 152	Hediste diversicolor	1	1,1686	1,1705	1,1689	0,0019	0,0003	Polychaeta
SPA - 152	Oligochaeta indet.	1	1,166	1,167	1,1661	0,001	1E-04	Clitellata
SPA - 153	Travisia forbesii	1	1,1666	1,19	1,176	0,0234	0,0094	Polychaeta
SPA - 153	Scoloplos armiger	1	1,158	1,1623	1,1587	0,0043	0,0007	Polychaeta
SPA - 153	Pygospio elegans	24	1,1586	1,1801	1,1611	0,0215	0,0025	Polychaeta
SPA - 154	Pygospio elegans	11	1,1485	1,1595	1,1497	0,011	0,0012	Polychaeta
SPA - 154	Marenzelleria viridis	1	1,158	1,2012	1,1652	0,0432	0,0072	Polychaeta
SPA - 154	Travisia forbesii	2	1,1548	1,2516	1,1957	0,0968	0,0409	Polychaeta
SPA - 154	Oligochaeta indet.	2	1,17	1,1715	1,1702	0,0015	0,0002	Clitellata
SPA - 155	Marenzelleria viridis	2	1,1564	1,2305	1,1716	0,0741	0,0152	Polychaeta
SPA - 155	Pygospio elegans	5	1,1604	1,1632	1,1607	0,0028	0,0003	Polychaeta
SPA - 156	Marenzelleria viridis	2	1,1778	1,2469	1,1879	0,0691	0,0101	Polychaeta
SPA - 156	Hediste diversicolor	1	1,1579	1,1633	1,1585	0,0054	0,0006	Polychaeta
SPA - 156	Pygospio elegans	1	1,1785	1,179	1,1786	0,0005	1E-04	Polychaeta
SPA - 156	Oligochaeta indet.	2	1,1601	1,1614	1,1603	0,0013	0,0002	Clitellata
SPA - 158	Pygospio elegans	6	1,1741	1,1811	1,1755	0,007	0,0014	Polychaeta
SPA - 158	Marenzelleria viridis	1	1,1621	1,1658	1,1628	0,0037	0,0007	Polychaeta
SPA - 158	Hediste diversicolor	1	1,1477	1,1495	1,148	0,0018	0,0003	Polychaeta
SPA - 164	Pygospio elegans	21	1,1574	1,1975	1,1792	0,0401	0,0218	Polychaeta
SPA - 164	Oligochaeta indet.	5	1,153	1,1589	1,1541	0,0059	0,0011	Clitellata
SPA - 165	Hediste diversicolor	1	1,1668	1,1904	1,172	0,0236	0,0052	Polychaeta
SPA - 165	Pygospio elegans	1	1,1559	1,1567	1,156	0,0008	1E-04	Polychaeta
SPA - 166	Hediste diversicolor	1	1,1518	1,3752	1,2065	0,2234	0,0547	Polychaeta
SPA - 166	Marenzelleria viridis	1	1,1668	1,1986	1,1739	0,0318	0,0071	Polychaeta
SPA - 166	Pygospio elegans	3	1,162	1,1641	1,1623	0,0021	0,0003	Polychaeta
SPA - 167	Marenzelleria viridis	2	1,1539	1,2337	1,1886	0,0798	0,0347	Polychaeta
SPA - 167	Pygospio elegans	4	1,1508	1,1578	1,1522	0,007	0,0014	Polychaeta
SPA - 168	Pygospio elegans	3	1,1526	1,1564	1,1531	0,0038	0,0005	Polychaeta
SPA - 169	Pygospio elegans	4	1,1783	1,1838	1,1789	0,0055	0,0006	Polychaeta
SPA - 16	Macoma balthica	1	1,1837	1,1986	1,193	0,0149	0,0093	Bivalvia
SPA - 16	Hydrobia ulvae	5	1,1561	1,171	1,1651	0,0149	0,009	Gastropoda
SPA - 17	Hydrobia ulvae	4	1,1908	1,2037	1,1989	0,0129	0,0081	Gastropoda
SPA - 18	Macoma balthica	1	1,1945	1,4959	1,3874	0,3014	0,1929	Bivalvia
SPA - 18	Hydrobia ulvae	1	1,1677	1,1702	1,1686	0,0025	0,0009	Gastropoda
SPA - 22	Cerastoderma glaucum	1	1,1704	1,7981	1,6424	0,6277	0,472	Bivalvia
SPA - 23	Macoma balthica	17	1,1763	1,5852	1,398	0,4089	0,2217	Bivalvia
SPA - 25	Mytilus edulis	1	1,1875	1,1918	1,1894	0,0043	0,0019	Bivalvia
SPA - 29	Macoma balthica	12	1,1711	1,4722	1,317	0,3011	0,1459	Bivalvia
SPA - 29	Hydrobia ulvae	1	1,1766	1,1828	1,1794	0,0062	0,0028	Gastropoda
SPA - 32	Mytilus edulis	1	1,1869	1,1903	1,1885	0,0034	0,0016	Bivalvia
SPA - 45	Hydrobia ulvae	1	1,1757	1,1775	1,1767	0,0018	0,001	Gastropoda
SPA - 46	Mya arenaria	1	1,1697	1,1919	1,184	0,0222	0,0143	Bivalvia
SPA - 47	Hydrobia ulvae	1	1,1625	1,1649	1,1639	0,0024	0,0014	Gastropoda
SPA - 48	Cerastoderma glaucum	1	1,1676	1,5311	1,4442	0,3635	0,2766	Bivalvia
SPA - 54	Mytilus edulis	66	1,7272	15,4151	6,4744	13,6879	4,7472	Bivalvia
SPA - 58	Mytilus edulis	1	1,1938	1,1968	1,1952	0,003	0,0014	Bivalvia
SPA - 59	Mya arenaria	1	1,1827	1,1969	1,1918	0,0142	0,0091	Bivalvia
SPA - 60	Mya arenaria	1	1,1837	1,2233	1,2065	0,0396	0,0228	Bivalvia
SPA - 61	Hydrobia ulvae	1	1,1843	1,1868	1,1851	0,0025	0,0008	Gastropoda

SPA - 64	Mya arenaria	3	1,1876	1,3872	1,3004	0,1996	0,1128	Bivalvia
SPA - 64	Hydrobia ulvae	1	1,1716	1,1728	1,172	0,0012	0,0004	Gastropoda
SPA - 65	Mya arenaria	1	1,1623	1,1892	1,1788	0,0269	0,0165	Bivalvia
SPA - 65	Hydrobia ulvae	1	1,1756	1,1793	1,1773	0,0037	0,0017	Gastropoda
SPA - 67	Hydrobia ulvae	1	1,1849	1,187	1,1854	0,0021	0,0005	Gastropoda
SPA - 68	Mytilus edulis	2	1,1674	1,2408	1,2094	0,0734	0,042	Bivalvia
SPA - 68	Hydrobia ulvae	1	1,1826	1,1839	1,1831	0,0013	0,0005	Gastropoda
SPA - 77	Mya arenaria	1	1,1846	1,2018	1,1959	0,0172	0,0113	Bivalvia
SPA - 77	Hydrobia ulvae	1	1,1628	1,1641	1,1633	0,0013	0,0005	Gastropoda
SPA - 78	Hydrobia ulvae	3	1,1694	1,1799	1,1761	0,0105	0,0067	Gastropoda
SPA - 79	Mya arenaria	2	1,1595	1,4574	1,3053	0,2979	0,1458	Bivalvia
SPA - 79	Mytilus edulis	2	1,192	1,2097	1,1998	0,0177	0,0078	Bivalvia
SPA - 79	Hydrobia ulvae	1	1,1667	1,1691	1,1674	0,0024	0,0007	Gastropoda
SPA - 87	Mytilus edulis	6	1,1754	1,6832	1,4378	0,5078	0,2624	Bivalvia
SPA - 94	Mytilus edulis	9	1,1621	2,1657	1,5752	1,0036	0,4131	Bivalvia
SPA - 101	Mytilus edulis	3	1,1853	1,7895	1,4632	0,6042	0,2779	Bivalvia
SPA - 102	Mytilus edulis	28	1,1347	2,4245	1,7126	1,2898	0,5779	Bivalvia
SPA - 103	Mytilus edulis	6	1,1736	1,9429	1,527	0,7693	0,3534	Bivalvia
SPA - 104	Mytilus edulis	2	1,1721	1,2002	1,1923	0,0281	0,0202	Bivalvia
SPA - 104	Mya arenaria	1	1,1716	1,1759	1,1749	0,0043	0,0033	Bivalvia
SPA - 115	Mytilus edulis	25	1,1706	3,1921	2,1228	2,0215	0,9522	Bivalvia
SPA - 116	Mytilus edulis	3	1,1888	1,5813	1,3854	0,3925	0,1966	Bivalvia
SPA - 117	Mya arenaria	1	1,1962	1,2565	1,2366	0,0603	0,0404	Bivalvia
SPA - 119	Mytilus edulis	2	1,1681	1,2076	1,1848	0,0395	0,0167	Bivalvia
SPA - 119	Hydrobia ulvae	1	1,1641	1,1663	1,1651	0,0022	0,001	Gastropoda
SPA - 121	Mya arenaria	1	1,1678	1,1703	1,1688	0,0025	0,001	Bivalvia
SPA - 123	Cerastoderma glaucum	1	1,1703	1,1805	1,1767	0,0102	0,0064	Bivalvia
SPA - 124	Hydrobia ulvae	1	1,1772	1,1787	1,1777	0,0015	0,0005	Gastropoda
SPA - 125	Mytilus edulis	1	1,1555	1,1599	1,1574	0,0044	0,0019	Bivalvia
SPA - 125	Mya arenaria	1	1,1495	1,1629	1,1583	0,0134	0,0088	Bivalvia
SPA - 127	Mytilus edulis	18	1,1666	2,6541	1,954	1,4875	0,7874	Bivalvia
SPA - 129	Mya arenaria	1	1,1795	1,2198	1,2048	0,0403	0,0253	Bivalvia
SPA - 129	Mytilus edulis	1	1,1596	1,1686	1,1636	0,009	0,004	Bivalvia
SPA - 132	Mytilus edulis	1	1,1619	1,1831	1,1707	0,0212	0,0088	Bivalvia
SPA - 133	Mytilus edulis	2	1,1777	1,2142	1,1982	0,0365	0,0205	Bivalvia
SPA - 141	Macoma balthica	1	1,1606	1,202	1,1873	0,0414	0,0267	Bivalvia
SPA - 141	Cerastoderma glaucum	1	1,1829	1,2677	1,2429	0,0848	0,06	Bivalvia
SPA - 142	Macoma balthica	1	1,1882	1,1988	1,1933	0,0106	0,0051	Bivalvia
SPA - 142	Mya arenaria	1	1,1643	1,1861	1,1763	0,0218	0,012	Bivalvia
SPA - 143	Macoma balthica	10	1,1465	1,2464	1,1998	0,0999	0,0533	Bivalvia
SPA - 143	Mytilus edulis	1	1,1892	1,1923	1,1906	0,0031	0,0014	Bivalvia
SPA - 148	Mytilus edulis	6	1,1644	1,8402	1,4878	0,6758	0,3234	Bivalvia
SPA - 149	Mytilus edulis	52	1,1478	3,8525	2,3946	2,7047	1,2468	Bivalvia
SPA - 149	Hydrobia ulvae	3	1,1924	1,1971	1,1951	0,0047	0,0027	Gastropoda
SPA - 150	Mytilus edulis	14	1,1677	2,2666	1,6063	1,0989	0,4386	Bivalvia
SPA - 152	Macoma balthica	1	1,1729	1,1916	1,1836	0,0187	0,0107	Bivalvia
SPA - 155	Mytilus edulis	3	1,1698	1,4766	1,299	0,3068	0,1292	Bivalvia
SPA - 158	Mya arenaria	3	1,1643	1,2955	1,2532	0,1312	0,0889	Bivalvia
SPA - 158	Cerastoderma glaucum	1	1,1694	1,1817	1,1783	0,0123	0,0089	Bivalvia
SPA - 162	Hydrobia ulvae	1	1,1716	1,1755	1,1747	0,0039	0,0031	Gastropoda
SPA - 164	Macoma balthica	5	1,1711	2,0543	1,7012	0,8832	0,5301	Bivalvia
SPA - 165	Mya arenaria	1	1,1594	1,1641	1,1621	0,0047	0,0027	Bivalvia
SPA - 167	Mytilus edulis	1	1,1742	1,4165	1,2694	0,2423	0,0952	Bivalvia
SPA - 18	Bathyporeia pilosa	1	1,1575	1,1612	1,1579	0,0037	0,0004	Malacostraca
SPA - 22	Bathyporeia pilosa	4	1,174	1,1887	1,1758	0,0147	0,0018	Malacostraca
SPA - 23	Bathyporeia pilosa	2	1,1644	1,1715	1,1653	0,0071	0,0009	Malacostraca
SPA - 23	Pontoporeia affinis	2	1,1731	1,1908	1,1749	0,0177	0,0018	Malacostraca
SPA - 32	Bathyporeia pilosa	3	1,1681	1,1796	1,1693	0,0115	0,0012	Malacostraca
SPA - 36	Bathyporeia pilosa	2	1,1588	1,1705	1,1604	0,0117	0,0016	Malacostraca
SPA - 37	Bathyporeia pilosa	4	1,1634	1,1776	1,1653	0,0142	0,0019	Malacostraca
SPA - 46	Bathyporeia pilosa	1	1,1766	1,1812	1,1772	0,0046	0,0006	Malacostraca
SPA - 47	Bathyporeia pilosa	4	1,1678	1,1861	1,1701	0,0183	0,0023	Malacostraca
SPA - 62	Bathyporeia pilosa	1	1,167	1,1717	1,1676	0,0047	0,0006	Malacostraca
SPA - 63	Bathyporeia pilosa	3	1,1456	1,1623	1,1477	0,0167	0,0021	Malacostraca
SPA - 64	Bathyporeia pilosa	1	1,1699	1,176	1,1706	0,0061	0,0007	Malacostraca
SPA - 65	Bathyporeia pilosa	4	1,1776	1,195	1,1801	0,0174	0,0025	Malacostraca
SPA - 78	Bathyporeia pilosa	7	1,1528	1,1722	1,1555	0,0194	0,0027	Malacostraca
SPA - 103	Gammarus sp.	2	1,1543	1,1772	1,158	0,0229	0,0037	Malacostraca
SPA - 104	Bathyporeia pilosa	4	1,1577	1,1617	1,1582	0,004	0,0005	Malacostraca
SPA - 105	Bathyporeia pilosa	3	1,1697	1,1826	1,1717	0,0129	0,002	Malacostraca
SPA - 106	Bathyporeia pilosa	16	1,1777	1,2255	1,185	0,0478	0,0073	Malacostraca
SPA - 107	Bathyporeia pilosa	6	1,1818	1,1988	1,1838	0,017	0,002	Malacostraca
SPA - 117	Bathyporeia pilosa	1	1,1556	1,1582	1,1559	0,0026	0,0003	Malacostraca
SPA - 118	Bathyporeia pilosa	1	1,1721	1,1746	1,1724	0,0025	0,0003	Malacostraca
SPA - 120	Bathyporeia pilosa	6	1,196	1,2073	1,1975	0,0113	0,0015	Malacostraca
SPA - 121	Bathyporeia pilosa	9	1,1601	1,1794	1,1626	0,0193	0,0025	Malacostraca

SPA - 122	Bathyporeia pilosa	5	1,1747	1,1949	1,178	0,0202	0,0033	Malacostraca
SPA - 123	Bathyporeia pilosa	2	1,1928	1,2004	1,1938	0,0076	0,001	Malacostraca
SPA - 124	Bathyporeia pilosa	1	1,1821	1,1867	1,1827	0,0046	0,0006	Malacostraca
SPA - 129	Bathyporeia pilosa	4	1,1865	1,1974	1,1878	0,0109	0,0013	Malacostraca
SPA - 141	Bathyporeia pilosa	1	1,1738	1,1755	1,174	0,0017	0,0002	Malacostraca
SPA - 142	Crangon crangon	1	1,162	1,1817	1,1655	0,0197	0,0035	Malacostraca
SPA - 143	Pontoporeia affinis	1	1,1591	1,1699	1,1605	0,0108	0,0014	Malacostraca
SPA - 147	Bathyporeia pilosa	4	1,1645	1,1759	1,166	0,0114	0,0015	Malacostraca
SPA - 158	Bathyporeia pilosa	2	1,1763	1,1802	1,1768	0,0039	0,0005	Malacostraca
SPA - 161	Bathyporeia pilosa	6	1,1736	1,1853	1,1751	0,0117	0,0015	Malacostraca
SPA - 162	Bathyporeia pilosa	1	1,1747	1,1765	1,1749	0,0018	0,0002	Malacostraca
SPA - 163	Bathyporeia pilosa	11	1,1623	1,1833	1,1652	0,021	0,0029	Malacostraca
SPA - 164	Diastylis rathkei	1	1,1597	1,1746	1,1618	0,0149	0,0021	Malacostraca
SPA - 164	Pontoporeia affinis	2	1,1651	1,1813	1,1669	0,0162	0,0018	Malacostraca
SPA - 166	Bathyporeia pilosa	2	1,1669	1,1727	1,1676	0,0058	0,0007	Malacostraca
SPA - 167	Bathyporeia pilosa	2	1,1645	1,1677	1,1649	0,0032	0,0004	Malacostraca
SPA - 168	Bathyporeia pilosa	5	1,1677	1,1835	1,1693	0,0158	0,0016	Malacostraca
SPA - 23	Halicryptus spinulosus	2	1,1502	1,1659	1,1519	0,0157	0,0017	Halicryptomorpha
SPA - 148	Halicryptus spinulosus	1	1,16	1,1619	1,1602	0,0019	0,0002	Halicryptomorpha
OWF1 - 1	Macoma balthica	2	1,1674	1,2481	1,2173	0,0807	0,0499	Bivalvia
OWF1 - 2	Macoma balthica	1	1,1623	1,1721	1,168	0,0098	0,0057	Bivalvia
OWF1 - 3		0				0	0	
OWF1 - 4	Macoma balthica	1	1,1687	1,1869	1,1789	0,0182	0,0102	Bivalvia
OWF1 - 4	Diastylis rathkei	1	1,1527	1,1638	1,1547	0,0111	0,002	Malacostraca
OWF1 - 4	Priapulid caudatus	1	1,1765	1,2273	1,1862	0,0508	0,0097	Priapulimorpha
OWF1 - 5	Scoloplos armiger	5	1,1531	1,1738	1,1571	0,0207	0,004	Polychaeta
OWF1 - 5	Terebellides stroemi	1	1,1655	1,1732	1,1669	0,0077	0,0014	Polychaeta
OWF1 - 5	Pygospio elegans	1	1,1777	1,1782	1,1778	0,0005	1E-04	Polychaeta
OWF1 - 5	Macoma balthica	7	1,1603	1,3301	1,2616	0,1698	0,1013	Bivalvia
OWF1 - 5	Halicryptus spinulosus	1	1,1724	1,1828	1,1735	0,0104	0,0011	Halicryptomorpha
OWF1 - 6	Scoloplos armiger	8	1,1673	1,1906	1,1709	0,0233	0,0036	Polychaeta
OWF1 - 6	Pygospio elegans	2	1,1734	1,1743	1,1735	0,0009	1E-04	Polychaeta
OWF1 - 6	Macoma balthica	4	1,161	1,2832	1,2323	0,1222	0,0713	Bivalvia
OWF1 - 6	Halicryptus spinulosus	1	1,1716	1,1882	1,1734	0,0166	0,0018	Halicryptomorpha
OWF1 - 7	Marenzelleria viridis	3	1,1678	1,2739	1,188	0,1061	0,0202	Polychaeta
OWF1 - 7	Scoloplos armiger	5	1,1675	1,205	1,1772	0,0375	0,0097	Polychaeta
OWF1 - 7	Pygospio elegans	5	1,1627	1,1658	1,1631	0,0031	0,0004	Polychaeta
OWF1 - 7	Tubificoides benedii	1	1,1677	1,1685	1,1678	0,0008	1E-04	Clitellata
OWF1 - 7	Macoma balthica	1	1,164	1,6422	1,515	0,4782	0,351	Bivalvia
OWF1 - 8	Pygospio elegans	12	1,1767	1,1869	1,1779	0,0102	0,0012	Polychaeta
OWF1 - 8	Marenzelleria viridis	1	1,1752	1,1825	1,1764	0,0073	0,0012	Polychaeta
OWF1 - 9	Scoloplos armiger	7	1,1692	1,2008	1,1743	0,0316	0,0051	Polychaeta
OWF1 - 9	Terebellides stroemi	1	1,1675	1,1798	1,1695	0,0123	0,002	Polychaeta
OWF1 - 9	Pygospio elegans	3	1,1706	1,1718	1,1708	0,0012	0,0002	Polychaeta
OWF1 - 9	Macoma balthica	3	1,1484	1,3459	1,2736	0,1975	0,1252	Bivalvia
OWF1 - 9	Corophium crassicornes	1	1,165	1,1666	1,1652	0,0016	0,0002	Malacostraca
OWF1 - 9	Halicryptus spinulosus	1	1,16789	1,1856	1,1698	0,01771	0,00191	Halicryptomorpha
OWF1 - 11		0				0	0	
OWF1 - 10	Macoma balthica	1	1,1696	1,1783	1,1734	0,0087	0,0038	Bivalvia
OWF1 - 12	Scoloplos armiger	1	1,1632	1,1642	1,1634	0,001	0,0002	Polychaeta
OWF1 - 12	Terebellides stroemi	3	1,1704	1,1866	1,173	0,0162	0,0026	Polychaeta
OWF1 - 12	Macoma balthica	1	1,1507	1,1696	1,1613	0,0189	0,0106	Bivalvia
OWF1 - 13	Nephtys hombergii	1	1,1578	1,32	1,1848	0,1622	0,027	Polychaeta
OWF1 - 13	Macoma balthica	1	1,1644	2,2605	1,935	1,0961	0,7706	Bivalvia
OWF1 - 14	Macoma balthica	1	1,1547	1,1738	1,1635	0,0191	0,0088	Bivalvia
OWF1 - 15	Hediste diversicolor	1	1,1688	1,1786	1,1709	0,0098	0,0021	Polychaeta
OWF1 - 15	Scoloplos armiger	4	1,1659	1,1929	1,1706	0,027	0,0047	Polychaeta
OWF1 - 16	Scoloplos armiger	12	1,1632	1,2784	1,187	0,1152	0,0238	Polychaeta
OWF1 - 16	Aricidea suecica	1	1,168	1,1715	1,1686	0,0035	0,0006	Polychaeta
OWF1 - 16	Macoma balthica	3	1,1583	1,4192	1,3187	0,2609	0,1604	Bivalvia
OWF1 - 16	Diastylis rathkei	1	1,178	1,1932	1,1812	0,0152	0,0032	Malacostraca
OWF1 - 16	Corophium crassicornes	2	1,1671	1,1691	1,1674	0,002	0,0003	Malacostraca
OWF1 - 17	Scoloplos armiger	4	1,1765	1,191	1,1785	0,0145	0,002	Polychaeta
OWF1 - 17	Pygospio elegans	2	1,1724	1,1734	1,1726	0,001	0,0002	Polychaeta
OWF1 - 17	Macoma balthica	6	1,1541	1,5747	1,3791	0,4206	0,225	Bivalvia
OWF1 - 17	Halicryptus spinulosus	1	1,1679	1,1701	1,1682	0,0022	0,0003	Halicryptomorpha
OWF1 - 18	Scoloplos armiger	6	1,1716	1,2718	1,1897	0,1002	0,0181	Polychaeta
OWF1 - 18	Terebellides stroemi	3	1,1679	1,2151	1,1754	0,0472	0,0075	Polychaeta
OWF1 - 18	Capitella capitata	1	1,167	1,1673	1,1671	0,0003	1E-04	Polychaeta
OWF1 - 18	Macoma balthica	1	1,1641	1,1722	1,1684	0,0081	0,0043	Bivalvia
OWF1 - 18	Halicryptus spinulosus	1	1,1628	1,1854	1,1652	0,0226	0,0024	Halicryptomorpha
OWF1 - 19	Scoloplos armiger	4	1,1801	1,2025	1,1836	0,0224	0,0035	Polychaeta
OWF1 - 19	Pygospio elegans	1	1,173	1,1733	1,1731	0,0003	1E-04	Polychaeta
OWF1 - 19	Macoma balthica	6	1,1696	1,5186	1,3526	0,349	0,183	Bivalvia
OWF1 - 19	Halicryptus spinulosus	1	1,168	1,1767	1,1689	0,0087	0,0009	Halicryptomorpha
OWF1 - 20	Scoloplos armiger	3	1,1642	1,1864	1,1694	0,0222	0,0052	Polychaeta

OWF1 - 20	Terebellides stroemi	3	1,1636	1,1796	1,1664	0,016	0,0028	Polychaeta
OWF1 - 20	Macoma balthica	4	1,1662	1,2567	1,2193	0,0905	0,0531	Bivalvia
OWF1 - 20	Astarte sp.	1	1,1711	3,8421	3,365	2,671	2,1939	Bivalvia
OWF1 - 20	Halicryptus spinulosus	1	1,1765	1,1854	1,1775	0,0089	0,001	Halicryptomorpha
OWF1 - 21	Macoma balthica	1	1,144	1,1479	1,1461	0,0039	0,0021	Bivalvia
OWF1 - 22	Scoloplos armiger	2	1,1628	1,1719	1,164	0,0091	0,0012	Polychaeta
OWF1 - 22	Terebellides stroemi	6	1,1615	1,2223	1,1727	0,0608	0,0112	Polychaeta
OWF1 - 22	Astarte sp.	1	1,1676	1,3152	1,2868	0,1476	0,1192	Bivalvia
OWF1 - 23		0				0	0	
OWF1 - 24	Macoma balthica	1	1,1514	1,1709	1,16	0,0195	0,0086	Bivalvia
OWF1 - 24	Diastylis rathkei	1	1,1733	1,1798	1,1743	0,0065	0,001	Malacostraca
OWF1 - 25	Scoloplos armiger	3	1,1686	1,1774	1,1701	0,0088	0,0015	Polychaeta
OWF1 - 25	Terebellides stroemi	3	1,1606	1,1731	1,1625	0,0125	0,0019	Polychaeta
OWF1 - 25	Macoma balthica	2	1,1516	1,1718	1,163	0,0202	0,0114	Bivalvia
OWF1 - 25	Astarte sp.	1	1,16	2,0262	1,8583	0,8662	0,6983	Bivalvia
OWF1 - 26	Scoloplos armiger	6	1,1663	1,2228	1,1777	0,0565	0,0114	Polychaeta
OWF1 - 26	Terebellides stroemi	6	1,159	1,187	1,1629	0,028	0,0039	Polychaeta
OWF1 - 26	Pygospio elegans	5	1,1774	1,1796	1,1777	0,0022	0,0003	Polychaeta
OWF1 - 26	Aricidea suecica	1	1,1613	1,1671	1,1621	0,0058	0,0008	Polychaeta
OWF1 - 26	Tubificoides benedii	1	1,1589	1,16	1,1591	0,0011	0,0002	Clitellata
OWF1 - 26	Macoma balthica	2	1,1593	1,2256	1,1992	0,0663	0,0399	Bivalvia
OWF1 - 26	Astarte sp.	1	1,1562	1,203	1,197	0,0468	0,0408	Bivalvia
OWF1 - 26	Halicryptus spinulosus	1	1,1753	1,1878	1,1769	0,0125	0,0016	Halicryptomorpha
OWF1 - 26	Nemertini indet.	1	1,1679	1,1991	1,172	0,0312	0,0041	Nemertini
OWF1 - 28	Scoloplos armiger	9	1,1794	1,2497	1,1954	0,0703	0,016	Polychaeta
OWF1 - 28	Aricidea suecica	1	1,1707	1,1729	1,1711	0,0022	0,0004	Polychaeta
OWF1 - 28	Tubificoides benedii	5	1,1752	1,1793	1,1757	0,0041	0,0005	Clitellata
OWF1 - 28	Oligochaeta indet.	3	1,1679	1,1712	1,1683	0,0033	0,0004	Clitellata
OWF1 - 28	Pygospio elegans	10	1,1667	1,1715	1,1673	0,0048	0,0006	Polychaeta
OWF1 - 28	Macoma balthica	3	1,1593	1,2448	1,2075	0,0855	0,0482	Bivalvia
OWF1 - 29	Scoloplos armiger	10	1,1755	1,2214	1,1841	0,0459	0,0086	Polychaeta
OWF1 - 29	Terebellides stroemi	2	1,1683	1,1819	1,1701	0,0136	0,0018	Polychaeta
OWF1 - 29	Pygospio elegans	1	1,17	1,1705	1,1701	0,0005	1E-04	Polychaeta
OWF1 - 29	Macoma balthica	5	1,171	1,2641	1,2209	0,0931	0,0499	Bivalvia
OWF1 - 29	Halicryptus spinulosus	1	1,1703	1,196	1,1728	0,0257	0,0025	Halicryptomorpha
OWF1 - 29	Nemertini indet.	1	1,1739	1,1932	1,176	0,0193	0,0021	Nemertini
OWF1 - 30	Scoloplos armiger	1	1,1659	1,1729	1,1675	0,007	0,0016	Polychaeta
OWF1 - 30	Tubificoides benedii	1	1,1762	1,1767	1,1763	0,0005	1E-04	Clitellata
OWF1 - 30	Macoma balthica	2	1,1536	1,3281	1,2574	0,1745	0,1038	Bivalvia
OWF1 - 30	Astarte sp.	9	1,1573	4,7939	4,1589	3,6366	3,0016	Bivalvia
OWF1 - 31	Scoloplos armiger	1	1,1607	1,161	1,1608	0,0003	1E-04	Polychaeta
OWF1 - 31	Macoma balthica	1	1,1509	1,154	1,1521	0,0031	0,0012	Bivalvia
OWF1 - 32	Astarte sp.	2	1,1658	2,6976	2,4306	1,5318	1,2648	Bivalvia
OWF1 - 33	Terebellides stroemi	1	1,1604	1,1655	1,1612	0,0051	0,0008	Polychaeta
OWF1 - 33	Mytilus edulis	3	1,1564	1,16	1,1577	0,0036	0,0013	Bivalvia
OWF1 - 33	Astarte sp.	3	1,1691	2,8468	2,5292	1,6777	1,3601	Bivalvia
OWF1 - 33	Macoma balthica	2	1,1807	1,4762	1,3525	0,2955	0,1718	Bivalvia
OWF1 - 34	Travisia forbesii	2	1,1786	1,2241	1,1968	0,0455	0,0182	Polychaeta
OWF1 - 34	Scoloplos armiger	3	1,1647	1,2011	1,1754	0,0364	0,0107	Polychaeta
OWF1 - 34	Arenicola marina	2	1,159	1,2286	1,172	0,0696	0,013	Polychaeta
OWF1 - 34	Aricidea suecica	3	1,1715	1,1905	1,1745	0,019	0,003	Polychaeta
OWF1 - 34	Tubificoides benedii	1	1,17	1,171	1,1702	0,001	0,0002	Clitellata
OWF1 - 34	Pygospio elegans	15	1,1631	1,1721	1,1645	0,009	0,0014	Polychaeta
OWF1 - 34	Macoma balthica	3	1,186	1,2463	1,2202	0,0603	0,0342	Bivalvia
OWF1 - 35	Scoloplos armiger	8	1,1826	1,2429	1,1949	0,0603	0,0123	Polychaeta
OWF1 - 35	Terebellides stroemi	3	1,1739	1,2002	1,1775	0,0263	0,0036	Polychaeta
OWF1 - 35	Antinoella sarsi	1	1,1709	1,1756	1,1714	0,0047	0,0005	Polychaeta
OWF1 - 35	Macoma balthica	3	1,1583	1,2684	1,2279	0,1101	0,0696	Bivalvia
OWF1 - 35	Mya arenaria	1	1,1557	1,1598	1,1572	0,0041	0,0015	Bivalvia
OWF1 - 35	Hydrobia ulvae	1	1,1648	1,167	1,1657	0,0022	0,0009	Gastropoda
OWF1 - 35	Diastylis rathkei	1	1,1691	1,1837	1,1724	0,0146	0,0033	Malacostraca
OWF1 - 35	Halicryptus spinulosus	1	1,1616	1,1762	1,1629	0,0146	0,0013	Halicryptomorpha
OWF1 - 36	Scoloplos armiger	1	1,1641	1,1882	1,1687	0,0241	0,0046	Polychaeta
OWF1 - 36	Terebellides stroemi	1	1,1838	1,1986	1,1861	0,0148	0,0023	Polychaeta
OWF1 - 36	Astarte sp.	9	1,1564	11,346	9,3618	10,1896	8,2054	Bivalvia
OWF1 - 37	Scoloplos armiger	8	1,1586	1,2217	1,168	0,0631	0,0094	Polychaeta
OWF1 - 37	Terebellides stroemi	1	1,1636	1,1682	1,1646	0,0046	0,001	Polychaeta
OWF1 - 37	Aricidea suecica	1	1,1711	1,1719	1,1713	0,0008	0,0002	Polychaeta
OWF1 - 37	Pygospio elegans	2	1,1723	1,1726	1,1724	0,0003	0,0001	Polychaeta
OWF1 - 37	Macoma balthica	2	1,1569	1,1779	1,1682	0,021	0,0113	Bivalvia
OWF1 - 37	Diastylis rathkei	1	1,1677	1,1869	1,1705	0,0192	0,0028	Malacostraca
OWF1 - 38	Macoma balthica	1	1,1587	1,2386	1,1913	0,0799	0,0326	Bivalvia
OWF1 - 39	Aricidea suecica	1	1,1661	1,1689	1,1666	0,0028	0,0005	Polychaeta
OWF1 - 39	Macoma balthica	1	1,172	1,225	1,1983	0,053	0,0263	Bivalvia
OWF1 - 40	Macoma balthica	1	1,1646	1,4378	1,306	0,2732	0,1414	Bivalvia
OWF1 - 40	Diastylis rathkei	2	1,1709	1,1988	1,1751	0,0279	0,0042	Malacostraca

OWF1 - 41	Scoloplos armiger	6	1,1611	1,184	1,1645	0,0229	0,0034	Polychaeta
OWF1 - 41	Terebellides stroemi	1	1,1645	1,1711	1,1655	0,0066	0,001	Polychaeta
OWF1 - 41	Aricidea suecica	2	1,1675	1,1713	1,1681	0,0038	0,0006	Polychaeta
OWF1 - 41	Pygospio elegans	3	1,1641	1,1659	1,1645	0,0018	0,0004	Polychaeta
OWF1 - 41	Astarte sp.	3	1,1798	1,9548	1,7473	0,775	0,5675	Bivalvia
OWF1 - 41	Macoma balthica	1	1,1603	1,2233	1,1883	0,063	0,028	Bivalvia
OWF1 - 41	Edwardsia sp.	2	1,1671	1,1803	1,1718	0,0132	0,0047	Anthozoa
OWF1 - 41	Halicryptus spinulosus	1	1,1802	1,1841	1,1806	0,0039	0,0004	Halicryptomorpha
OWF1 - 42	Scoloplos armiger	2	1,1637	1,1922	1,1687	0,0285	0,005	Polychaeta
OWF1 - 42	Terebellides stroemi	2	1,1653	1,1726	1,1663	0,0073	0,001	Polychaeta
OWF1 - 42	Pygospio elegans	1	1,1612	1,1615	1,1613	0,0003	1E-04	Polychaeta
OWF1 - 42	Nephtys hombergii	1	1,1699	1,1801	1,1721	0,0102	0,0022	Polychaeta
OWF1 - 42	Astarte sp.	1	1,1533	4,0121	3,3678	2,8588	2,2145	Bivalvia
OWF1 - 42	Macoma balthica	2	1,1655	1,2327	1,1954	0,0672	0,0299	Bivalvia
OWF1 - 42	Corophium crassicorne	1	1,1632	1,1644	1,1634	0,0012	0,0002	Malacostraca
OWF1 - 43	Scoloplos armiger	4	1,1695	1,1777	1,171	0,0082	0,0015	Polychaeta
OWF1 - 43	Terebellides stroemi	1	1,1698	1,1865	1,1721	0,0167	0,0023	Polychaeta
OWF1 - 43	Astarte sp.	2	1,1615	1,1955	1,1897	0,034	0,0282	Bivalvia
OWF1 - 43	Halicryptus spinulosus	1	1,1732	1,1861	1,1743	0,0129	0,0011	Halicryptomorpha
OWF1 - 44	Scoloplos armiger	1	1,1697	1,2004	1,1752	0,0307	0,0055	Polychaeta
OWF1 - 45	Ampharete baltica	1	1,1679	1,1731	1,1687	0,0052	0,0008	Polychaeta
OWF1 - 45	Terebellides stroemi	1	1,1641	1,1736	1,1657	0,0095	0,0016	Polychaeta
OWF1 - 45	Nephtys hombergii	1	1,1742	1,4211	1,2159	0,2469	0,0417	Polychaeta
OWF1 - 45	Astarte sp.	2	1,1662	1,8824	1,7268	0,7162	0,5606	Bivalvia
OWF1 - 46	Aricidea suecica	1	1,1751	1,1775	1,1756	0,0024	0,0005	Polychaeta
OWF1 - 46	Scoloplos armiger	1	1,165	1,1682	1,1655	0,0032	0,0005	Polychaeta
OWF1 - 46	Nemertini indet.	1	1,1644	1,2668	1,1864	0,1024	0,022	Nemertini
OWF1 - 47	Scoloplos armiger	5	1,1647	1,188	1,1683	0,0233	0,0036	Polychaeta
OWF1 - 47	Pygospio elegans	1	1,1736	1,1739	1,1737	0,0003	1E-04	Polychaeta
OWF1 - 47	Astarte sp.	4	1,1778	2,5871	2,2241	1,4093	1,0463	Bivalvia
OWF1 - 48	Scoloplos armiger	8	1,1702	1,2106	1,1785	0,0404	0,0083	Polychaeta
OWF1 - 48	Aricidea suecica	7	1,1834	1,2074	1,1874	0,024	0,004	Polychaeta
OWF1 - 48	Pygospio elegans	2	1,1738	1,1744	1,1739	0,0006	1E-04	Polychaeta
OWF1 - 48	Terebellides stroemi	1	1,1658	1,1666	1,1659	0,0008	1E-04	Polychaeta
OWF1 - 48	Astarte sp.	4	1,1749	3,4349	2,8379	2,26	1,663	Bivalvia
OWF1 - 48	Macoma balthica	1	1,1648	1,1809	1,1719	0,0161	0,0071	Bivalvia
OWF1 - 49	Nephtys caeca	1	1,1649	1,42	1,2019	0,2551	0,037	Polychaeta
OWF1 - 49	Scoloplos armiger	4	1,1618	1,1953	1,1688	0,0335	0,007	Polychaeta
OWF1 - 49	Aricidea suecica	11	1,1676	1,2039	1,1758	0,0363	0,0082	Polychaeta
OWF1 - 49	Ampharete baltica	1	1,1672	1,1677	1,1673	0,0005	1E-04	Polychaeta
OWF1 - 49	Pygospio elegans	6	1,1619	1,1652	1,1624	0,0033	0,0005	Polychaeta
OWF1 - 49	Macoma balthica	1	1,158	1,1653	1,1609	0,0073	0,0029	Bivalvia
OWF1 - 49	Phoxocephalus holboelli	2	1,1701	1,176	1,1712	0,0059	0,0011	Malacostraca
OWF1 - 50	Scoloplos armiger	2	1,1693	1,2064	1,1782	0,0371	0,0089	Polychaeta
OWF1 - 50	Aricidea suecica	6	1,1641	1,2046	1,1686	0,0405	0,0045	Polychaeta
OWF1 - 50	Terebellides stroemi	1	1,1716	1,1749	1,1721	0,0033	0,0005	Polychaeta
OWF1 - 50	Oligochaeta indet.	1	1,1302	1,1304	1,1303	0,0002	1E-04	Clitellata
OWF1 - 50	Spio armata	2	1,1762	1,1811	1,1769	0,0049	0,0007	Polychaeta
OWF1 - 50	Pygospio elegans	5	1,1663	1,1702	1,1669	0,0039	0,0006	Polychaeta
OWF1 - 50	Astarte sp.	3	1,1548	3,097	2,7643	1,9422	1,6095	Bivalvia
OWF1 - 50	Macoma balthica	1	1,16	1,4016	1,273	0,2416	0,113	Bivalvia
OWF1 - 50	Phoxocephalus holboelli	4	1,1578	1,1658	1,1592	0,008	0,0014	Malacostraca
OWF1 - 51	Scoloplos armiger	5	1,1636	1,2043	1,1699	0,0407	0,0063	Polychaeta
OWF1 - 51	Aricidea suecica	4	1,1732	1,183	1,1749	0,0098	0,0017	Polychaeta
OWF1 - 51	Pygospio elegans	2	1,1717	1,1722	1,1718	0,0005	1E-04	Polychaeta
OWF1 - 51	Ampharete baltica	1	1,17	1,1706	1,1701	0,0006	1E-04	Polychaeta
OWF1 - 51	Antinoella sarsi	1	1,1626	1,1643	1,1628	0,0017	0,0002	Polychaeta
OWF1 - 51	Astarte sp.	10	1,1802	6,6539	5,5863	5,4737	4,4061	Bivalvia
OWF1 - 51	Diastylis rathkei	1	1,1693	1,187	1,1716	0,0177	0,0023	Malacostraca
OWF1 - 51	Corophium crassicorne	1	1,1661	1,1666	1,1662	0,0005	1E-04	Malacostraca
OWF1 - 51	Phoxocephalus holboelli	1	1,1633	1,1658	1,1636	0,0025	0,0003	Malacostraca
OWF1 - 52	Scoloplos armiger	1	1,1656	1,1659	1,1657	0,0003	1E-04	Polychaeta
OWF1 - 52	Aricidea suecica	2	1,1616	1,167	1,1628	0,0054	0,0012	Polychaeta
OWF1 - 52	Terebellides stroemi	5	1,1663	1,2157	1,1748	0,0494	0,0085	Polychaeta
OWF1 - 52	Macoma balthica	2	1,1758	1,2493	1,2088	0,0735	0,033	Bivalvia
OWF1 - 52	Edwardsia sp.	1	1,1637	1,1652	1,1641	0,0015	0,0004	Anthozoa
OWF1 - 53	Scoloplos armiger	3	1,1782	1,1849	1,1795	0,0067	0,0013	Polychaeta
OWF1 - 53	Nephtys hombergii	1	1,1729	1,4267	1,2225	0,2538	0,0496	Polychaeta
OWF1 - 53	Antinoella sarsi	1	1,1673	1,1964	1,1711	0,0291	0,0038	Polychaeta
OWF1 - 53	Macoma balthica	2	1,1641	1,193	1,1771	0,0289	0,013	Bivalvia
OWF1 - 53	Diastylis rathkei	1	1,1681	1,1828	1,1706	0,0147	0,0025	Malacostraca
OWF1 - 54	Scoloplos armiger	2	1,1753	1,1845	1,1776	0,0092	0,0023	Polychaeta
OWF1 - 54	Astarte sp.	2	1,15	1,7612	1,6425	0,6112	0,4925	Bivalvia
OWF1 - 54	Macoma balthica	1	1,1593	1,1984	1,1803	0,0391	0,021	Bivalvia
OWF1 - 55	Scoloplos armiger	2	1,1738	1,1868	1,1763	0,013	0,0025	Polychaeta
OWF1 - 55	Aricidea suecica	1	1,1662	1,1684	1,1665	0,0022	0,0003	Polychaeta

OWF1 - 56	Nephtys hombergii	1	1,1692	1,2207	1,1779	0,0515	0,0087	Polychaeta
OWF1 - 56	Hydrobia ulvae	1	1,1686	1,1734	1,1707	0,0048	0,0021	Gastropoda
OWF1 - 56	Astarte sp.	2	1,1638	1,2353	1,2193	0,0715	0,0555	Bivalvia
OWF1 - 57	Terebellides stroemi	6	1,1721	1,2291	1,181	0,057	0,0089	Polychaeta
OWF1 - 57	Nephtys hombergii	1	1,1736	1,2252	1,1816	0,0516	0,008	Polychaeta
OWF1 - 57	Eteone longa	1	1,173	1,1748	1,1732	0,0018	0,0002	Polychaeta
OWF1 - 57	Astarte sp.	1	1,1603	1,1884	1,1803	0,0281	0,02	Bivalvia
OWF1 - 58	Ampharete baltica	1	1,1593	1,1691	1,1603	0,0098	0,001	Polychaeta
OWF1 - 58	Scoloplos armiger	1	1,1681	1,1733	1,1689	0,0052	0,0008	Polychaeta
OWF1 - 58	Aricidea suecica	1	1,1749	1,1765	1,1752	0,0016	0,0003	Polychaeta
OWF1 - 58	Polydora quadrilobata	1	1,1591	1,1603	1,1593	0,0012	0,0002	Polychaeta
OWF1 - 58	Astarte sp.	1	1,1601	2,6766	2,3609	1,5165	1,2008	Bivalvia
OWF1 - 58	Macoma balthica	1	1,1543	1,1837	1,1667	0,0294	0,0124	Bivalvia
OWF1 - 58	Edwardsia sp.	2	1,1734	1,1854	1,1772	0,012	0,0038	Anthozoa
OWF1 - 59	Macoma balthica	1	1,1677	1,5961	1,3552	0,4284	0,1875	Bivalvia
OWF1 - 60	Astarte sp.	1	1,1563	1,1728	1,1679	0,0165	0,0116	Bivalvia
OWF2 - 1	Pygospio elegans	26	1,1714	1,1874	1,1766	0,016	0,0052	Polychaeta
OWF2 - 1	Oligochaeta indet.	2	1,1699	1,1713	1,1703	0,0014	0,0004	Clitellata
OWF2 - 2	Pygospio elegans	3	1,1627	1,1636	1,1628	0,0009	1E-04	Polychaeta
OWF2 - 3	Pygospio elegans	1	1,1657	1,166	1,1658	0,0003	1E-04	Polychaeta
OWF2 - 4	Pygospio elegans	1	1,1621	1,1637	1,1623	0,0016	0,0002	Polychaeta
OWF2 - 5	Scoloplos armiger	1	1,1664	1,1698	1,1669	0,0034	0,0005	Polychaeta
OWF2 - 6	Scoloplos armiger	1	1,162	1,1642	1,1624	0,0022	0,0004	Polychaeta
OWF2 - 7	Scoloplos armiger	1	1,169	1,1817	1,1708	0,0127	0,0018	Polychaeta
OWF2 - 8	Scoloplos armiger	2	1,1645	1,179	1,1666	0,0145	0,0021	Polychaeta
OWF2 - 9	Scoloplos armiger	1	1,1716	1,1804	1,1726	0,0088	0,001	Polychaeta
OWF2 - 11		0				0	0	
OWF2 - 12	Pygospio elegans	7	1,13	1,1354	1,1317	0,0054	0,0017	Polychaeta
OWF2 - 13	Pygospio elegans	9	1,176	1,1793	1,1766	0,0033	0,0006	Polychaeta
OWF2 - 14	Pygospio elegans	13	1,1663	1,1747	1,1684	0,0084	0,0021	Polychaeta
OWF2 - 14	Oligochaeta indet.	3	1,1701	1,1729	1,1704	0,0028	0,0003	Clitellata
OWF2 - 15	Pygospio elegans	13	1,1679	1,1742	1,1699	0,0063	0,002	Polychaeta
OWF2 - 16	Pygospio elegans	15	1,1641	1,1701	1,1658	0,006	0,0017	Polychaeta
OWF2 - 16	Antinoella sarsi	1	1,1748	1,176	1,175	0,0012	0,0002	Polychaeta
OWF2 - 17	Pygospio elegans	9	1,1763	1,1794	1,1773	0,0031	0,001	Polychaeta
OWF2 - 20	Scoloplos armiger	1	1,1653	1,1701	1,166	0,0048	0,0007	Polychaeta
OWF2 - 21	Scoloplos armiger	1	1,1647	1,1686	1,1654	0,0039	0,0007	Polychaeta
OWF2 - 21	Antinoella sarsi	1	1,1737	1,1757	1,1739	0,002	0,0002	Polychaeta
OWF2 - 23		0				0	0	
OWF2 - 24	Scoloplos armiger	2	1,1691	1,1755	1,1699	0,0064	0,0008	Polychaeta
OWF2 - 26	Pygospio elegans	11	1,1645	1,1734	1,1686	0,0089	0,0041	Polychaeta
OWF2 - 26	Ampharete baltica	1	1,1638	1,1645	1,1639	0,0007	1E-04	Polychaeta
OWF2 - 27	Pygospio elegans	6	1,1657	1,1681	1,166	0,0024	0,0003	Polychaeta
OWF2 - 28	Marenzelleria viridis	1	1,1624	1,3079	1,1941	0,1455	0,0317	Polychaeta
OWF2 - 28	Pygospio elegans	6	1,1705	1,1739	1,1713	0,0034	0,0008	Polychaeta
OWF2 - 29	Pygospio elegans	3	1,1697	1,1717	1,1704	0,002	0,0007	Polychaeta
OWF2 - 31		0				0	0	
OWF2 - 32	Scoloplos armiger	1	1,1699	1,173	1,1705	0,0031	0,0006	Polychaeta
OWF2 - 33	Aricidea suecica	1	1,1588	1,1623	1,1596	0,0035	0,0008	Polychaeta
OWF2 - 35		0				0	0	
OWF2 - 36	Pygospio elegans	10	1,1627	1,1685	1,1652	0,0058	0,0025	Polychaeta
OWF2 - 37	Pygospio elegans	2	1,1702	1,1715	1,1708	0,0013	0,0006	Polychaeta
OWF2 - 38	Marenzelleria viridis	2	1,1578	1,2385	1,1722	0,0807	0,0144	Polychaeta
OWF2 - 38	Oligochaeta indet.	9	1,1694	1,179	1,1726	0,0096	0,0032	Clitellata
OWF2 - 38	Pygospio elegans	24	1,1664	1,201	1,1858	0,0346	0,0194	Polychaeta
OWF2 - 39	Marenzelleria viridis	1	1,1634	1,1732	1,1651	0,0098	0,0017	Polychaeta
OWF2 - 39	Oligochaeta indet.	2	1,1683	1,17	1,1688	0,0017	0,0005	Clitellata
OWF2 - 39	Pygospio elegans	26	1,1527	1,1888	1,1687	0,0361	0,016	Polychaeta
OWF2 - 40	Pygospio elegans	2	1,165	1,1685	1,1666	0,0035	0,0016	Polychaeta
OWF2 - 41	Marenzelleria viridis	1	1,1779	1,1859	1,1796	0,008	0,0017	Polychaeta
OWF2 - 41	Pygospio elegans	1	1,1671	1,1709	1,1693	0,0038	0,0022	Polychaeta
OWF2 - 42	Pygospio elegans	1	1,1734	1,1749	1,174	0,0015	0,0006	Polychaeta
OWF2 - 43	Pygospio elegans	6	1,1695	1,179	1,1731	0,0095	0,0036	Polychaeta
OWF2 - 43	Scoloplos armiger	1	1,1672	1,1791	1,1698	0,0119	0,0026	Polychaeta
OWF2 - 44	Scoloplos armiger	1	1,1709	1,1784	1,1718	0,0075	0,0009	Polychaeta
OWF2 - 45	Pygospio elegans	6	1,1766	1,1841	1,1795	0,0075	0,0029	Polychaeta
OWF2 - 45	Scoloplos armiger	2	1,1724	1,1876	1,1748	0,0152	0,0024	Polychaeta
OWF2 - 46	Pygospio elegans	1	1,1714	1,174	1,1718	0,0026	0,0004	Polychaeta
OWF2 - 47	Pygospio elegans	5	1,1678	1,1778	1,1733	0,01	0,0055	Polychaeta
OWF2 - 47	Scoloplos armiger	2	1,1675	1,176	1,1688	0,0085	0,0013	Polychaeta
OWF2 - 48	Pygospio elegans	7	1,1628	1,1689	1,1658	0,0061	0,003	Polychaeta
OWF2 - 49	Pygospio elegans	6	1,1678	1,1737	1,1706	0,0059	0,0028	Polychaeta
OWF2 - 50	Pygospio elegans	5	1,1766	1,1822	1,179	0,0056	0,0024	Polychaeta
OWF2 - 51	Pygospio elegans	5	1,1754	1,1817	1,1785	0,0063	0,0031	Polychaeta
OWF2 - 51	Antinoella sarsi	1	1,1718	1,1801	1,1722	0,0083	0,0004	Polychaeta
OWF2 - 52	Pygospio elegans	22	1,17	1,2388	1,2108	0,0688	0,0408	Polychaeta

OWF2 - 52	Antinoella sarsi	1	1,1624	1,1646	1,1626	0,0022	0,0002	Polychaeta
OWF2 - 54	Scoloplos armiger	2	1,1656	1,1867	1,1681	0,0211	0,0025	Polychaeta
OWF2 - 55	Pygospio elegans	1	1,1616	1,1638	1,1618	0,0022	0,0002	Polychaeta
OWF2 - 56		0				0	0	
OWF2 - 57	Pygospio elegans	11	1,1663	1,183	1,175	0,0167	0,0087	Polychaeta
OWF2 - 57	Scoloplos armiger	1	1,1646	1,1745	1,1658	0,0099	0,0012	Polychaeta
OWF2 - 58	Pygospio elegans	1	1,1637	1,1647	1,1639	0,001	0,0002	Polychaeta
OWF2 - 59	Marenzelleria viridis	1	1,1657	1,2609	1,1865	0,0952	0,0208	Polychaeta
OWF2 - 59	Oligochaeta indet.	2	1,162	1,1637	1,1621	0,0017	1E-04	Clitellata
OWF2 - 59	Pygospio elegans	31	1,1706	1,2349	1,2062	0,0643	0,0356	Polychaeta
OWF2 - 60	Oligochaeta indet.	10	1,1697	1,1798	1,1721	0,0101	0,0024	Clitellata
OWF2 - 60	Marenzelleria viridis	7	1,1698	1,213	1,1781	0,0432	0,0083	Polychaeta
OWF2 - 60	Hediste diversicolor	1	1,1586	1,1598	1,1589	0,0012	0,0003	Polychaeta
OWF2 - 60	Pygospio elegans	48	1,1681	1,2634	1,2213	0,0953	0,0532	Polychaeta
OWF2 - 1	Macoma balthica	3	1,1643	1,1756	1,1692	0,0113	0,0049	Bivalvia
OWF2 - 2	Macoma balthica	7	1,1742	1,389	1,265	0,2148	0,0908	Bivalvia
OWF2 - 3	Macoma balthica	6	1,176	1,2525	1,2138	0,0765	0,0378	Bivalvia
OWF2 - 4	Macoma balthica	8	1,1653	1,2037	1,1795	0,0384	0,0142	Bivalvia
OWF2 - 5	Macoma balthica	2	1,1649	1,1957	1,1761	0,0308	0,0112	Bivalvia
OWF2 - 9	Macoma balthica	2	1,1735	1,2139	1,1881	0,0404	0,0146	Bivalvia
OWF2 - 10	Macoma balthica	1	1,1685	1,2232	1,192	0,0547	0,0236	Bivalvia
OWF2 - 12	Macoma balthica	4	1,1618	1,2656	1,2077	0,1038	0,0459	Bivalvia
OWF2 - 13	Macoma balthica	8	1,1692	1,3783	1,2684	0,2091	0,0992	Bivalvia
OWF2 - 14	Macoma balthica	4	1,1642	1,7734	1,5305	0,6092	0,3663	Bivalvia
OWF2 - 15	Macoma balthica	2	1,1715	1,8179	1,5665	0,6464	0,395	Bivalvia
OWF2 - 16	Macoma balthica	4	1,1304	1,1845	1,154	0,0541	0,0236	Bivalvia
OWF2 - 17	Macoma balthica	5	1,176	1,2213	1,1953	0,0453	0,0193	Bivalvia
OWF2 - 18	Macoma balthica	4	1,1678	1,1862	1,1731	0,0184	0,0053	Bivalvia
OWF2 - 19	Macoma balthica	3	1,1695	1,2228	1,1923	0,0533	0,0228	Bivalvia
OWF2 - 20	Macoma balthica	3	1,1735	1,1904	1,1802	0,0169	0,0067	Bivalvia
OWF2 - 21	Macoma balthica	2	1,1613	1,166	1,1634	0,0047	0,0021	Bivalvia
OWF2 - 22	Macoma balthica	1	1,167	1,1681	1,1677	0,0011	0,0007	Bivalvia
OWF2 - 24	Macoma balthica	3	1,1801	1,2572	1,2117	0,0771	0,0316	Bivalvia
OWF2 - 25	Macoma balthica	2	1,1731	1,2402	1,2025	0,0671	0,0294	Bivalvia
OWF2 - 26	Macoma balthica	4	1,1644	1,247	1,2003	0,0826	0,0359	Bivalvia
OWF2 - 27	Mytilus edulis	1	1,1638	1,1797	1,1688	0,0159	0,0005	Bivalvia
OWF2 - 27	Macoma balthica	2	1,1732	1,8038	1,5094	0,6306	0,3362	Bivalvia
OWF2 - 28	Mytilus edulis	1	1,1681	1,1728	1,1693	0,0047	0,0012	Bivalvia
OWF2 - 29	Macoma balthica	9	1,1702	1,3459	1,2532	0,1757	0,083	Bivalvia
OWF2 - 30	Macoma balthica	4	1,1795	1,2368	1,2018	0,0573	0,0223	Bivalvia
OWF2 - 32	Macoma balthica	1	1,1703	1,1782	1,1738	0,0079	0,0035	Bivalvia
OWF2 - 33	Macoma balthica	2	1,1752	1,2104	1,1922	0,0352	0,017	Bivalvia
OWF2 - 36	Macoma balthica	5	1,1674	1,3034	1,2316	0,136	0,0642	Bivalvia
OWF2 - 37	Macoma balthica	9	1,1665	1,4421	1,2937	0,2756	0,1272	Bivalvia
OWF2 - 38	Macoma balthica	12	1,1759	2,1575	1,6335	0,9816	0,4576	Bivalvia
OWF2 - 39	Macoma balthica	5	1,1683	1,4641	1,3109	0,2958	0,1426	Bivalvia
OWF2 - 40	Macoma balthica	3	1,1701	1,2331	1,1986	0,063	0,0285	Bivalvia
OWF2 - 41	Macoma balthica	6	1,1661	1,2739	1,2125	0,1078	0,0464	Bivalvia
OWF2 - 42	Macoma balthica	6	1,1763	1,3066	1,2334	0,1303	0,0571	Bivalvia
OWF2 - 43	Macoma balthica	1	1,1608	1,2846	1,2189	0,1238	0,0581	Bivalvia
OWF2 - 45	Mytilus edulis	1	1,1605	1,1658	1,1616	0,0053	0,0011	Bivalvia
OWF2 - 46	Macoma balthica	1	1,1787	1,2055	1,1916	0,0268	0,0129	Bivalvia
OWF2 - 47	Macoma balthica	4	1,1645	1,2495	1,2024	0,085	0,0379	Bivalvia
OWF2 - 48	Macoma balthica	6	1,1636	1,7343	1,4491	0,5707	0,2855	Bivalvia
OWF2 - 49	Macoma balthica	7	1,1627	1,7883	1,5369	0,6256	0,3742	Bivalvia
OWF2 - 50	Macoma balthica	3	1,1615	1,4491	1,2891	0,2876	0,1276	Bivalvia
OWF2 - 51	Macoma balthica	4	1,1685	1,3056	1,2272	0,1371	0,0587	Bivalvia
OWF2 - 53	Macoma balthica	1	1,1605	1,172	1,165	0,0115	0,0045	Bivalvia
OWF2 - 54	Mytilus edulis	9	1,166	1,2917	1,2158	0,1257	0,0498	Bivalvia
OWF2 - 57	Macoma balthica	6	1,1592	1,3097	1,2269	0,1505	0,0677	Bivalvia
OWF2 - 58	Macoma balthica	1	1,1777	1,245	1,2069	0,0673	0,0292	Bivalvia
OWF2 - 59	Macoma balthica	9	1,1835	1,9788	1,5956	0,7953	0,4121	Bivalvia
OWF2 - 60	Mytilus edulis	2	1,1768	1,1864	1,1789	0,0096	0,0021	Bivalvia
OWF2 - 60	Macoma balthica	30	1,166	2,7334	2,0164	1,5674	0,8504	Bivalvia
OWF2 - 1	Pontoporeia affinis	1	1,1651	1,1759	1,1663	0,0108	0,0012	Malacostraca
OWF2 - 1	Diastylis rathkei	1	1,1621	1,1737	1,1636	0,0116	0,0015	Malacostraca
OWF2 - 2	Pontoporeia femorata	3	1,1678	1,2018	1,1722	0,034	0,0044	Malacostraca
OWF2 - 12	Diastylis rathkei	1	1,1673	1,1785	1,1683	0,0112	0,001	Malacostraca
OWF2 - 13	Pontoporeia femorata	1	1,173	1,1774	1,1738	0,0044	0,0008	Malacostraca
OWF2 - 13	Diastylis rathkei	1	1,1594	1,1734	1,1613	0,014	0,0019	Malacostraca
OWF2 - 14	Diastylis rathkei	1	1,1678	1,179	1,1694	0,0112	0,0016	Malacostraca
OWF2 - 15	Pontoporeia affinis	2	1,1747	1,2033	1,1776	0,0286	0,0029	Malacostraca
OWF2 - 15	Pontoporeia femorata	2	1,159	1,1901	1,1627	0,0311	0,0037	Malacostraca
OWF2 - 15	Diastylis rathkei	1	1,1571	1,182	1,1689	0,0249	0,0118	Malacostraca
OWF2 - 16	Diastylis rathkei	1	1,1626	1,1786	1,165	0,016	0,0024	Malacostraca
OWF2 - 17	Diastylis rathkei	2	1,1783	1,1994	1,1814	0,0211	0,0031	Malacostraca

OWF2 - 18	Pontoporeia femorata	1	1,1731	1,1829	1,1741	0,0098	0,001	Malacostraca
OWF2 - 21	Pontoporeia femorata	1	1,1673	1,1992	1,1719	0,0319	0,0046	Malacostraca
OWF2 - 26	Pontoporeia femorata	1	1,1753	1,1994	1,1783	0,0241	0,003	Malacostraca
OWF2 - 26	Diastylis rathkei	1	1,1739	1,1867	1,1757	0,0128	0,0018	Malacostraca
OWF2 - 27	Pontoporeia affinis	1	1,1662	1,1816	1,1676	0,0154	0,0014	Malacostraca
OWF2 - 29	Pontoporeia femorata	1	1,1691	1,2073	1,1727	0,0382	0,0036	Malacostraca
OWF2 - 34	Diastylis rathkei	1	1,172	1,1852	1,1742	0,0132	0,0022	Malacostraca
OWF2 - 38	Pontoporeia affinis	4	1,1588	1,1979	1,1626	0,0391	0,0038	Malacostraca
OWF2 - 39	Pontoporeia affinis	6	1,1717	1,2276	1,1769	0,0559	0,0052	Malacostraca
OWF2 - 41	Diastylis rathkei	1	1,1701	1,1826	1,1722	0,0125	0,0021	Malacostraca
OWF2 - 42	Diastylis rathkei	1	1,163	1,1756	1,1649	0,0126	0,0019	Malacostraca
OWF2 - 43	Diastylis rathkei	2	1,1828	1,2131	1,1859	0,0303	0,0031	Malacostraca
OWF2 - 44	Diastylis rathkei	1	1,1737	1,1878	1,1757	0,0141	0,002	Malacostraca
OWF2 - 45	Diastylis rathkei	2	1,1704	1,192	1,1738	0,0216	0,0034	Malacostraca
OWF2 - 48	Pontoporeia femorata	1	1,1644	1,1703	1,1651	0,0059	0,0007	Malacostraca
OWF2 - 48	Diastylis rathkei	1	1,1841	1,192	1,1854	0,0079	0,0013	Malacostraca
OWF2 - 49	Pontoporeia affinis	1	1,1589	1,1633	1,1593	0,0044	0,0004	Malacostraca
OWF2 - 49	Diastylis rathkei	1	1,164	1,1781	1,1661	0,0141	0,0021	Malacostraca
OWF2 - 50	Pontoporeia femorata	1	1,1721	1,1873	1,1737	0,0152	0,0016	Malacostraca
OWF2 - 52	Diastylis rathkei	1	1,1725	1,1835	1,1738	0,011	0,0013	Malacostraca
OWF2 - 54	Gammarus sp.	1	1,1663	1,1934	1,1706	0,0271	0,0043	Malacostraca
OWF2 - 54	Diastylis rathkei	2	1,1614	1,1912	1,1658	0,0298	0,0044	Malacostraca
OWF2 - 57	Diastylis rathkei	1	1,1649	1,1768	1,1666	0,0119	0,0017	Malacostraca
OWF2 - 58	Pontoporeia femorata	3	1,1757	1,2261	1,1826	0,0504	0,0069	Malacostraca
OWF2 - 59	Pontoporeia affinis	5	1,1655	1,1881	1,168	0,0226	0,0025	Malacostraca
OWF2 - 60	Pontoporeia femorata	1	1,1527	1,168	1,1558	0,0153	0,0031	Malacostraca
OWF2 - 60	Pontoporeia affinis	1	1,1578	1,1805	1,1606	0,0227	0,0028	Malacostraca
OWF2 - 4	Halicryptus spinulosus	1	1,1616	1,1752	1,1628	0,0136	0,0012	Halicryptomorpha
OWF2 - 12	Halicryptus spinulosus	1	1,1541	1,1561	1,1542	0,002	1E-04	Halicryptomorpha
OWF2 - 13	Halicryptus spinulosus	3	1,1682	1,1852	1,1695	0,017	0,0013	Halicryptomorpha
OWF2 - 14	Halicryptus spinulosus	2	1,1725	1,1767	1,1731	0,0042	0,0006	Halicryptomorpha
OWF2 - 15	Halicryptus spinulosus	2	1,159	1,1715	1,1607	0,0125	0,0017	Halicryptomorpha
OWF2 - 18	Halicryptus spinulosus	2	1,1675	1,1793	1,1685	0,0118	0,001	Halicryptomorpha
OWF2 - 19	Halicryptus spinulosus	2	1,1559	1,1767	1,1589	0,0208	0,003	Halicryptomorpha
OWF2 - 25	Halicryptus spinulosus	1	1,1746	1,1798	1,1747	0,0052	1E-04	Halicryptomorpha
OWF2 - 25	Nemertini indet.	1	1,1584	1,1619	1,1585	0,0035	1E-04	Nemertini
OWF2 - 37	Halicryptus spinulosus	3	1,1606	1,1769	1,1616	0,0163	0,001	Halicryptomorpha
OWF2 - 37	Nemertini indet.	1	1,1634	1,1717	1,1646	0,0083	0,0012	Nemertini
OWF2 - 39	Halicryptus spinulosus	1	1,1527	1,1561	1,1529	0,0034	0,0002	Halicryptomorpha
OWF2 - 42	Halicryptus spinulosus	2	1,1559	1,1648	1,1562	0,0089	0,0003	Halicryptomorpha
OWF2 - 43	Nemertini indet.	4	1,1594	1,1758	1,162	0,0164	0,0026	Nemertini
OWF2 - 44	Nemertini indet.	1	1,1598	1,1617	1,1601	0,0019	0,0003	Nemertini
OWF2 - 45	Halicryptus spinulosus	1	1,1684	1,1752	1,1688	0,0068	0,0004	Halicryptomorpha
OWF2 - 45	Nemertini indet.	2	1,1723	1,1806	1,1731	0,0083	0,0008	Nemertini
OWF2 - 46	Halicryptus spinulosus	1	1,1563	1,1656	1,1569	0,0093	0,0006	Halicryptomorpha
OWF2 - 47	Nemertini indet.	1	1,1472	1,1518	1,1478	0,0046	0,0006	Nemertini
OWF2 - 48	Halicryptus spinulosus	1	1,1501	1,1669	1,1519	0,0168	0,0018	Halicryptomorpha
OWF2 - 51	Halicryptus spinulosus	4	1,1719	1,2069	1,1753	0,035	0,0034	Halicryptomorpha
OWF2 - 51	Nemertini indet.	3	1,1542	1,1763	1,1573	0,0221	0,0031	Nemertini
OWF2 - 52	Nemertini indet.	1	1,1768	1,181	1,1771	0,0042	0,0003	Nemertini
OWF2 - 57	Halicryptus spinulosus	1	1,1543	1,1588	1,1547	0,0045	0,0004	Halicryptomorpha
OWF2 - 58	Halicryptus spinulosus	1	1,1585	1,1631	1,1587	0,0046	0,0002	Halicryptomorpha
OWF2 - 60	Halicryptus spinulosus	4	1,1519	1,1722	1,1545	0,0203	0,0026	Halicryptomorpha

APPENDIX 5B – ABUNDANCE AND BIOMASS AT STATIONS

Data from stations where HAPS samples were taken for infauna analyses. Stations are listed after area - note that some stations taken in one area have been reassigned to another area in cases where a station was situated within the given area (e.g. station OWF1 – 28 has been reassigned to area CC). See Appendix 2 for station locations.

Station	Number of species	Abundance (ind./m ²)	Biomass (gWW/m ²)	Biomass (gDW/m ²)	Subarea
CC - 1	2	4545	10.18	2.02	CC
CC - 12	3	280	0.43	0.06	CC
CC - 2	11	39860	235.61	83.50	CC
CC - 3	5	2238	3.41	1.44	CC
CC - 4	3	2727	3.70	0.57	CC
CC - 9	1	70	0.42	0.05	CC
CC1 - 10	5	1259	9.78	4.35	CC
CC1 - 11	7	1678	93.73	60.76	CC
CC1 - 12	5	1049	127.74	97.08	CC
CC1 - 13	6	769	19.55	2.82	CC
CC1 - 14	3	280	11.43	6.07	CC
CC1 - 15	5	559	10.55	6.38	CC
CC1 - 1x	7	1259	414.16	328.71	CC
CC1 - 2x	6	2028	48.71	29.22	CC
CC1 - 4	4	629	2.69	0.81	CC
CC1 - 9	4	1329	4.86	1.08	CC
CC2 - 1	1	70	0.03	0.01	CC
CC2 - 11	3	490	3.43	0.60	CC
CC2 - 12	10	13427	802.76	329.14	CC
CC2 - 4	8	4266	45.97	19.71	CC
CC2 - 5	5	1329	12.95	4.74	CC
CC2 - 6	4	1119	3.42	1.31	CC
CC2 - 7	2	140	0.15	0.02	CC
CC2 - 8	1	70	0.03	0.01	CC
CC2 - 9	3	629	9.86	5.32	CC
INV - 28	1	210	0.49	0.08	CC

Station	Number of species	Abundance (ind./m ²)	Biomass (gWW/m ²)	Biomass (gDW/m ²)	Subarea
INV - 37	6	1748	215.95	167.01	CC
INV - 61	6	1538	3.38	0.43	CC
INV - 62	5	769	2.60	1.05	CC
OWF1 - 28	6	2168	11.90	4.62	CC
OWF1 - 29	6	1399	13.85	4.55	CC
OWF1 - 59	1	70	29.96	13.11	CC
SPA - 36	3	280	0.97	0.13	CC
INV - 10	2	140	0.92	0.15	INV
INV - 100	0	0	0.00	0.00	INV
INV - 101	2	420	6.93	3.37	INV
INV - 102	2	140	5.24	1.24	INV
INV - 105	1	140	0.74	0.11	INV
INV - 107	1	280	5.06	2.47	INV
INV - 11	1	70	22.76	10.71	INV
INV - 110	3	699	31.20	13.55	INV
INV - 111	5	3776	26.20	12.87	INV
INV - 112	1	70	0.06	0.01	INV
INV - 113	3	2378	17.06	6.50	INV
INV - 12	1	70	7.25	3.97	INV
INV - 13	1	70	14.15	11.62	INV
INV - 14	1	70	7.94	6.19	INV
INV - 15	0	0	0.00	0.00	INV
INV - 16	0	0	0.00	0.00	INV
INV - 17	2	140	27.69	12.13	INV
INV - 18	5	769	14.87	9.14	INV
INV - 19	5	699	158.86	125.71	INV
INV - 20	2	210	11.52	5.64	INV
INV - 21	0	0	0.00	0.00	INV
INV - 22	0	0	0.00	0.00	INV

Station	Number of species	Abundance (ind./m ²)	Biomass (gWW/m ²)	Biomass (gDW/m ²)	Subarea
INV - 23	1	70	408.85	289.10	INV
INV - 24	0	0	0.00	0.00	INV
INV - 25	0	0	0.00	0.00	INV
INV - 26	1	70	0.10	0.02	INV
INV - 27	1	70	31.65	18.85	INV
INV - 29	4	350	19.20	14.50	INV
INV - 30	5	2937	27.24	12.72	INV
INV - 31	3	1958	1.90	0.34	INV
INV - 32	5	1189	151.62	112.80	INV
INV - 38	3	280	68.71	52.43	INV
INV - 39	4	350	50.25	23.62	INV
INV - 40	0	0	0.00	0.00	INV
INV - 41	1	70	0.10	0.01	INV
INV - 43	2	210	1.01	0.15	INV
INV - 44	0	0	0.00	0.00	INV
INV - 45	1	70	13.47	9.76	INV
INV - 46	1	70	204.59	146.38	INV
INV - 47	1	70	0.05	0.01	INV
INV - 48	0	0	0.00	0.00	INV
INV - 49	0	0	0.00	0.00	INV
INV - 50	0	0	0.00	0.00	INV
INV - 51	1	70	14.18	1.83	INV
INV - 52	0	0	0.00	0.00	INV
INV - 53	0	0	0.00	0.00	INV
INV - 54	0	0	0.00	0.00	INV
INV - 55	2	140	8.35	4.91	INV
INV - 56	0	0	0.00	0.00	INV
INV - 57	0	0	0.00	0.00	INV
INV - 58	0	0	0.00	0.00	INV

Station	Number of species	Abundance (ind./m ²)	Biomass (gWW/m ²)	Biomass (gDW/m ²)	Subarea
INV - 59	0	0	0.00	0.00	INV
INV - 60	1	70	61.89	42.23	INV
INV - 66	7	1189	27.23	9.64	INV
INV - 7	1	140	1.85	0.27	INV
INV - 70	6	1608	14.94	1.83	INV
INV - 73	7	2028	6.30	1.32	INV
INV - 79	5	699	3.79	0.41	INV
INV - 8	2	140	47.63	26.83	INV
INV - 80	5	839	11.19	3.99	INV
INV - 81	5	1748	10.09	2.14	INV
INV - 82	4	629	3.01	1.34	INV
INV - 83	3	350	5.10	0.90	INV
INV - 84	5	2727	325.59	134.41	INV
INV - 85	7	2797	14.62	5.84	INV
INV - 86	5	3077	34.43	16.83	INV
INV - 87	4	2517	4.45	1.77	INV
INV - 88	5	3776	12.91	5.45	INV
INV - 9	2	140	36.15	26.57	INV
INV - 91	3	1189	6.52	2.88	INV
INV - 95	6	4196	13.31	5.06	INV
INV - 98	1	70	0.29	0.06	INV
INV - 99	1	70	1.76	1.15	INV
OWF1 - 13	2	140	87.99	55.78	INV
OWF1 - 14	1	70	1.34	0.62	INV
OWF1 - 21	1	70	0.27	0.15	INV
OWF1 - 22	3	629	15.21	9.20	INV
OWF1 - 23	0	0	0.00	0.00	INV
OWF1 - 24	2	140	1.82	0.67	INV
OWF1 - 25	4	629	63.48	49.87	INV

Station	Number of species	Abundance (ind./m ²)	Biomass (gWW/m ²)	Biomass (gDW/m ²)	Subarea
OWF1 - 26	9	1678	17.51	7.20	INV
OWF1 - 30	4	909	267.03	217.28	INV
OWF1 - 31	2	140	0.24	0.09	INV
OWF1 - 32	1	140	107.12	88.45	INV
OWF1 - 37	6	1049	7.62	1.73	INV
OWF1 - 38	1	70	5.59	2.28	INV
OWF1 - 39	2	140	3.90	1.87	INV
OWF1 - 60	1	70	1.15	0.81	INV
OWF1 - 1	1	140	5.64	3.49	OWF1
OWF1 - 10	1	70	0.61	0.27	OWF1
OWF1 - 11	0	0	0.00	0.00	OWF1
OWF1 - 12	3	350	2.52	0.94	OWF1
OWF1 - 15	2	350	2.57	0.48	OWF1
OWF1 - 16	5	1329	27.75	13.17	OWF1
OWF1 - 17	4	909	30.65	15.91	OWF1
OWF1 - 18	5	839	12.48	2.27	OWF1
OWF1 - 19	4	839	26.60	13.11	OWF1
OWF1 - 2	1	70	0.69	0.40	OWF1
OWF1 - 20	5	839	196.41	157.76	OWF1
OWF1 - 3	0	0	0.00	0.00	OWF1
OWF1 - 33	4	629	138.59	107.27	OWF1
OWF1 - 34	7	2028	16.84	5.64	OWF1
OWF1 - 35	8	1329	16.57	6.50	OWF1
OWF1 - 36	3	769	715.28	574.29	OWF1
OWF1 - 4	3	210	5.60	1.53	OWF1
OWF1 - 40	2	210	21.06	10.18	OWF1
OWF1 - 41	8	1329	62.25	42.38	OWF1
OWF1 - 42	7	699	207.94	157.55	OWF1
OWF1 - 43	4	559	5.02	2.31	OWF1

Station	Number of species	Abundance (ind./m ²)	Biomass (gWW/m ²)	Biomass (gDW/m ²)	Subarea
OWF1 - 44	1	70	2.15	0.38	OWF1
OWF1 - 45	4	350	68.38	42.29	OWF1
OWF1 - 46	3	210	7.55	1.61	OWF1
OWF1 - 47	3	699	100.20	73.43	OWF1
OWF1 - 48	6	1608	163.77	117.66	OWF1
OWF1 - 49	7	1818	23.91	3.97	OWF1
OWF1 - 5	5	1049	14.62	7.55	OWF1
OWF1 - 50	9	1748	159.56	121.62	OWF1
OWF1 - 51	9	1818	387.95	308.90	OWF1
OWF1 - 52	5	769	9.10	3.02	OWF1
OWF1 - 53	5	559	23.30	4.91	OWF1
OWF1 - 54	3	350	46.12	36.07	OWF1
OWF1 - 55	2	210	1.06	0.20	OWF1
OWF1 - 56	3	280	8.94	4.64	OWF1
OWF1 - 57	4	629	9.69	2.59	OWF1
OWF1 - 58	7	559	110.19	85.27	OWF1
OWF1 - 6	4	1049	11.40	5.37	OWF1
OWF1 - 7	5	1049	43.76	26.67	OWF1
OWF1 - 8	2	909	1.22	0.17	OWF1
OWF1 - 9	6	1119	18.32	9.41	OWF1
OWF2 - 1	5	2308	3.57	0.92	OWF2
OWF2 - 10	1	70	3.83	1.64	OWF2
OWF2 - 11	0	0	0.00	0.00	OWF2
OWF2 - 12	4	909	8.56	3.41	OWF2
OWF2 - 13	5	1538	17.33	7.26	OWF2
OWF2 - 14	5	1608	44.46	25.94	OWF2
OWF2 - 15	6	1538	52.43	29.17	OWF2
OWF2 - 16	4	1469	5.41	1.95	OWF2
OWF2 - 17	3	1119	4.86	1.64	OWF2

Station	Number of species	Abundance (ind./m ²)	Biomass (gWW/m ²)	Biomass (gDW/m ²)	Subarea
OWF2 - 18	3	490	2.80	0.51	OWF2
OWF2 - 19	2	350	5.18	1.80	OWF2
OWF2 - 2	3	909	17.46	6.66	OWF2
OWF2 - 20	2	280	1.52	0.52	OWF2
OWF2 - 21	4	350	2.97	0.53	OWF2
OWF2 - 22	1	70	0.08	0.05	OWF2
OWF2 - 23	0	0	0.00	0.00	OWF2
OWF2 - 24	2	350	5.84	2.27	OWF2
OWF2 - 25	3	280	5.30	2.07	OWF2
OWF2 - 26	5	1259	9.03	3.14	OWF2
OWF2 - 27	4	699	46.45	23.98	OWF2
OWF2 - 28	3	559	10.74	2.36	OWF2
OWF2 - 29	3	909	15.10	6.10	OWF2
OWF2 - 3	2	490	5.37	2.65	OWF2
OWF2 - 30	1	280	4.01	1.56	OWF2
OWF2 - 31	0	0	0.00	0.00	OWF2
OWF2 - 32	2	140	0.77	0.29	OWF2
OWF2 - 33	2	210	2.71	1.24	OWF2
OWF2 - 34	1	70	0.92	0.15	OWF2
OWF2 - 35	0	0	0.00	0.00	OWF2
OWF2 - 36	2	1049	9.92	4.66	OWF2
OWF2 - 37	4	1049	21.08	9.09	OWF2
OWF2 - 38	5	3566	80.11	34.85	OWF2
OWF2 - 39	6	2867	28.16	11.62	OWF2
OWF2 - 4	3	699	3.75	1.09	OWF2
OWF2 - 40	2	350	4.65	2.10	OWF2
OWF2 - 41	4	629	9.24	3.66	OWF2
OWF2 - 42	4	699	10.72	4.19	OWF2
OWF2 - 43	5	979	13.42	4.90	OWF2

Station	Number of species	Abundance (ind./m ²)	Biomass (gWW/m ²)	Biomass (gDW/m ²)	Subarea
OWF2 - 44	3	210	1.64	0.22	OWF2
OWF2 - 45	6	979	4.52	0.77	OWF2
OWF2 - 46	3	210	2.71	0.97	OWF2
OWF2 - 47	4	839	7.56	3.17	OWF2
OWF2 - 48	5	1119	42.48	20.44	OWF2
OWF2 - 49	4	1049	45.45	26.54	OWF2
OWF2 - 5	2	210	2.39	0.82	OWF2
OWF2 - 50	3	629	21.57	9.20	OWF2
OWF2 - 51	5	1189	14.60	4.80	OWF2
OWF2 - 52	4	1748	6.03	2.98	OWF2
OWF2 - 53	1	70	0.80	0.31	OWF2
OWF2 - 54	4	979	14.24	4.27	OWF2
OWF2 - 55	1	70	0.15	0.01	OWF2
OWF2 - 56	0	0	0.00	0.00	OWF2
OWF2 - 57	5	1399	13.53	5.57	OWF2
OWF2 - 58	4	420	8.62	2.55	OWF2
OWF2 - 59	5	3357	68.47	32.94	OWF2
OWF2 - 6	1	70	0.15	0.03	OWF2
OWF2 - 60	9	7273	124.83	64.70	OWF2
OWF2 - 7	1	70	0.89	0.13	OWF2
OWF2 - 8	1	140	1.01	0.15	OWF2
OWF2 - 9	2	210	3.44	1.09	OWF2
SPA - 100	2	140	0.40	0.07	SPA
SPA - 101	3	559	43.36	19.64	SPA
SPA - 102	4	2238	94.29	41.01	SPA
SPA - 103	4	1049	71.76	27.65	SPA
SPA - 104	3	490	2.55	1.68	SPA
SPA - 105	4	559	1.06	0.17	SPA
SPA - 106	4	1469	8.13	1.14	SPA

Station	Number of species	Abundance (ind./m ²)	Biomass (gWW/m ²)	Biomass (gDW/m ²)	Subarea
SPA - 107	3	629	1.35	0.16	SPA
SPA - 114	1	70	0.06	0.01	SPA
SPA - 115	4	2098	141.74	66.66	SPA
SPA - 116	2	559	27.64	13.77	SPA
SPA - 117	5	559	11.47	5.50	SPA
SPA - 118	3	420	0.36	0.05	SPA
SPA - 119	3	280	2.95	1.24	SPA
SPA - 120	3	839	12.45	3.69	SPA
SPA - 121	2	699	1.52	0.24	SPA
SPA - 122	3	559	1.94	0.36	SPA
SPA - 123	3	420	1.45	0.55	SPA
SPA - 124	4	280	0.62	0.10	SPA
SPA - 125	4	559	3.38	1.02	SPA
SPA - 126	4	559	2.28	0.36	SPA
SPA - 127	4	1818	105.67	55.38	SPA
SPA - 129	4	559	4.36	2.16	SPA
SPA - 130	2	140	0.13	0.02	SPA
SPA - 131	1	70	0.04	0.01	SPA
SPA - 132	2	140	1.65	0.64	SPA
SPA - 133	3	490	2.88	1.48	SPA
SPA - 136	1	70	1.20	0.17	SPA
SPA - 137	1	629	0.44	0.05	SPA
SPA - 138	2	280	0.45	0.06	SPA
SPA - 139	3	490	12.75	1.80	SPA
SPA - 140	2	210	0.28	0.03	SPA
SPA - 141	7	559	13.99	6.87	SPA
SPA - 142	5	1678	7.08	2.10	SPA
SPA - 143	4	4895	18.14	9.59	SPA
SPA - 147	5	629	8.99	2.84	SPA

Station	Number of species	Abundance (ind./m ²)	Biomass (gWW/m ²)	Biomass (gDW/m ²)	Subarea
SPA - 148	4	699	47.48	22.64	SPA
SPA - 149	2	3846	189.47	87.38	SPA
SPA - 150	2	1259	76.99	30.69	SPA
SPA - 152	4	350	1.64	0.79	SPA
SPA - 153	3	1818	3.44	0.88	SPA
SPA - 154	4	1119	10.66	3.46	SPA
SPA - 155	3	699	26.83	10.12	SPA
SPA - 156	4	420	5.34	0.77	SPA
SPA - 158	6	979	11.18	7.04	SPA
SPA - 16	5	2308	19.02	7.98	SPA
SPA - 161	1	420	0.82	0.10	SPA
SPA - 162	2	140	0.40	0.23	SPA
SPA - 163	1	769	1.47	0.20	SPA
SPA - 164	5	2378	67.15	38.94	SPA
SPA - 165	3	210	2.03	0.56	SPA
SPA - 166	4	490	18.40	4.39	SPA
SPA - 167	4	629	23.24	9.21	SPA
SPA - 168	2	559	1.37	0.15	SPA
SPA - 169	1	280	0.38	0.04	SPA
SPA - 17	5	1259	5.82	1.76	SPA
SPA - 18	7	629	31.69	15.65	SPA
SPA - 21	3	490	0.86	0.15	SPA
SPA - 22	4	629	45.73	33.31	SPA
SPA - 23	7	3287	34.19	16.44	SPA
SPA - 24	1	70	0.15	0.02	SPA
SPA - 25	3	210	0.42	0.15	SPA
SPA - 28	2	140	0.08	0.01	SPA
SPA - 29	4	2727	23.15	10.94	SPA
SPA - 30	1	70	0.03	0.01	SPA

Station	Number of species	Abundance (ind./m ²)	Biomass (gWW/m ²)	Biomass (gDW/m ²)	Subarea
SPA - 31	2	210	11.29	1.38	SPA
SPA - 32	5	629	6.72	0.90	SPA
SPA - 35	1	70	0.11	0.01	SPA
SPA - 37	3	420	1.36	0.18	SPA
SPA - 38	1	70	0.15	0.02	SPA
SPA - 39	0	0	0.00	0.00	SPA
SPA - 45	2	140	0.28	0.09	SPA
SPA - 46	3	210	1.98	1.06	SPA
SPA - 47	3	490	1.74	0.31	SPA
SPA - 48	2	140	25.47	19.35	SPA
SPA - 49	1	210	0.07	0.01	SPA
SPA - 54	7	5315	970.40	333.66	SPA
SPA - 58	3	210	1.50	0.26	SPA
SPA - 59	3	210	1.82	0.76	SPA
SPA - 60	3	280	2.87	1.62	SPA
SPA - 61	6	1259	1.73	0.27	SPA
SPA - 62	3	210	0.49	0.06	SPA
SPA - 63	1	210	1.17	0.15	SPA
SPA - 64	6	769	14.79	8.01	SPA
SPA - 65	6	699	4.38	1.65	SPA
SPA - 66	2	280	0.16	0.02	SPA
SPA - 67	3	2028	0.91	0.13	SPA
SPA - 68	5	559	6.66	3.14	SPA
SPA - 76	3	420	0.43	0.06	SPA
SPA - 77	6	979	7.10	1.65	SPA
SPA - 78	4	1538	2.68	0.74	SPA
SPA - 79	6	559	25.76	11.39	SPA
SPA - 87	2	769	35.62	18.36	SPA
SPA - 88	2	420	1.29	0.15	SPA

Station	Number of species	Abundance (ind./m ²)	Biomass (gWW/m ²)	Biomass (gDW/m ²)	Subarea
SPA - 94	3	909	70.97	29.00	SPA
SPA - 95	2	280	1.01	0.15	SPA
SPA - 97	2	909	0.96	0.13	SPA

APPENDIX 5C – BIRD FOOD PROGRAM

Biomass (gDW/m²) of infauna classes at the HAPS infauna stations that are relevant for birds, and specifically for the bird species long-tailed duck.

Station	Bivalvia (total)	Bivalvia (without <i>Mytilus</i> spp.)	<i>Mytilus</i> spp.	Gastropoda	Malacostraca	Polychaeta
CC - 1	-	-	-	0.18	1.84	-
CC - 12	-	-	-	-	0.04	0.01
CC - 2	77.20	-	77.20	3.43	2.74	0.13
CC - 3	0.17	-	0.17	1.03	0.06	0.02
CC - 4	-	-	-	-	-	0.16
CC - 9	-	-	-	-	0.05	-
CC1 - 10	3.51	3.51	-	-	-	0.84
CC1 - 11	58.48	58.48	-	-	0.08	2.20
CC1 - 12	96.06	96.06	-	-	0.01	1.01
CC1 - 13	0.07	0.07	-	-	-	2.75
CC1 - 14	5.75	5.75	-	-	-	0.01
CC1 - 15	6.20	6.20	-	-	0.01	0.17
CC1 - 1x	328.14	328.14	-	-	0.03	0.54
CC1 - 2x	24.41	24.41	-	-	-	4.81
CC1 - 4	0.53	-	0.53	-	0.23	0.04
CC1 - 9	0.39	-	0.39	-	0.10	0.59
CC2 - 1	-	-	-	-	-	-
CC2 - 11	-	-	-	-	0.20	0.40
CC2 - 12	321.10	11.11	309.99	0.19	4.22	3.62
CC2 - 4	18.41	-	18.41	-	0.18	1.10
CC2 - 5	3.78	0.88	2.90	-	-	0.92
CC2 - 6	1.20	-	1.20	-	-	0.07
CC2 - 7	-	-	-	-	-	0.01
CC2 - 8	-	-	-	-	-	0.01
CC2 - 9	5.22	5.22	-	-	0.10	0.01
INV - 10	-	-	-	-	-	0.10
INV - 100	-	-	-	-	-	-
INV - 101	3.13	3.13	-	-	-	0.24
INV - 102	0.46	0.46	-	-	-	-
INV - 105	-	-	-	-	-	0.11
INV - 107	2.47	2.47	-	-	-	-
INV - 11	10.71	10.71	-	-	-	-
INV - 110	13.49	5.84	7.65	-	-	0.06
INV - 111	11.93	11.93	-	-	0.30	0.50
INV - 112	-	-	-	-	-	0.01
INV - 113	-	-	-	-	0.02	6.48
INV - 12	3.97	3.97	-	-	-	-

Station	Bivalvia (total)	Bivalvia (without <i>Mytilus</i> spp.)	<i>Mytilus</i> spp.	Gastropoda	Malacostraca	Polychaeta
INV - 13	11.62	11.62	-	-	-	-
INV - 14	6.19	6.19	-	-	-	-
INV - 15	-	-	-	-	-	-
INV - 16	-	-	-	-	-	-
INV - 17	9.28	9.28	-	-	-	2.85
INV - 18	8.62	8.62	-	-	0.01	0.51
INV - 19	125.20	125.20	-	-	-	0.43
INV - 20	5.38	5.38	-	-	-	0.27
INV - 21	-	-	-	-	-	-
INV - 22	-	-	-	-	-	-
INV - 23	289.10	289.10	-	-	-	-
INV - 24	-	-	-	-	-	-
INV - 25	-	-	-	-	-	-
INV - 26	-	-	-	-	-	0.02
INV - 27	18.85	18.85	-	-	-	-
INV - 28	-	-	-	-	-	0.08
INV - 29	14.29	14.29	-	-	-	0.13
INV - 30	9.05	9.05	-	-	-	3.67
INV - 31	-	-	-	-	0.01	0.33
INV - 32	111.41	111.41	-	-	-	1.40
INV - 37	166.11	166.11	-	-	-	0.47
INV - 38	52.36	52.36	-	-	-	0.06
INV - 39	22.82	22.82	-	-	-	0.80
INV - 40	-	-	-	-	-	-
INV - 41	-	-	-	-	-	-
INV - 43	-	-	-	-	-	0.15
INV - 44	-	-	-	-	-	-
INV - 45	9.76	9.76	-	-	-	-
INV - 46	146.38	146.38	-	-	-	-
INV - 47	-	-	-	-	-	0.01
INV - 48	-	-	-	-	-	-
INV - 49	-	-	-	-	-	-
INV - 50	-	-	-	-	-	-
INV - 51	-	-	-	-	-	1.83
INV - 52	-	-	-	-	-	-
INV - 53	-	-	-	-	-	-
INV - 54	-	-	-	-	-	-
INV - 55	4.78	4.78	-	-	-	0.13
INV - 56	-	-	-	-	-	-
INV - 57	-	-	-	-	-	-
INV - 58	-	-	-	-	-	-
INV - 59	-	-	-	-	-	-

Station	Bivalvia (total)	Bivalvia (without <i>Mytilus</i> spp.)	<i>Mytilus</i> spp.	Gastropoda	Malacostraca	Polychaeta
INV - 60	42.23	42.23	-	-	-	-
INV - 61	-	-	-	-	-	0.29
INV - 62	0.90	0.58	0.31	-	-	0.14
INV - 66	5.83	5.83	-	-	0.03	3.78
INV - 7	-	-	-	-	-	0.27
INV - 70	-	-	-	-	-	1.74
INV - 73	0.21	0.21	-	-	-	1.08
INV - 79	-	-	-	-	0.03	0.36
INV - 8	26.83	26.83	-	-	-	-
INV - 80	3.53	-	3.53	-	-	0.42
INV - 81	-	-	-	-	-	2.13
INV - 82	1.31	1.19	0.12	-	-	0.03
INV - 83	-	-	-	-	-	0.90
INV - 84	134.13	-	134.13	-	-	0.25
INV - 85	4.55	4.17	0.38	-	0.24	1.03
INV - 86	16.16	16.16	-	-	0.08	0.39
INV - 87	1.20	1.20	-	-	0.06	0.50
INV - 88	4.62	4.42	0.20	-	0.02	0.82
INV - 9	26.45	26.45	-	-	-	0.12
INV - 91	2.73	2.73	-	-	0.09	0.06
INV - 95	4.21	4.21	-	-	0.20	0.55
INV - 98	-	-	-	-	-	0.06
INV - 99	1.15	1.15	-	-	-	-
OWF1 - 1	3.49	3.49	-	-	-	-
OWF1 - 10	0.27	0.27	-	-	-	-
OWF1 - 11	-	-	-	-	-	-
OWF1 - 12	0.74	0.74	-	-	-	0.20
OWF1 - 13	53.89	53.89	-	-	-	1.89
OWF1 - 14	0.62	0.62	-	-	-	-
OWF1 - 15	-	-	-	-	-	0.48
OWF1 - 16	11.22	11.22	-	-	0.24	1.71
OWF1 - 17	15.73	15.73	-	-	-	0.15
OWF1 - 18	0.30	0.30	-	-	-	1.80
OWF1 - 19	12.80	12.80	-	-	-	0.25
OWF1 - 2	0.40	0.40	-	-	-	-
OWF1 - 20	157.13	157.13	-	-	-	0.56
OWF1 - 21	0.15	0.15	-	-	-	-
OWF1 - 22	8.34	8.34	-	-	-	0.87
OWF1 - 23	-	-	-	-	-	-
OWF1 - 24	0.60	0.60	-	-	0.07	-
OWF1 - 25	49.63	49.63	-	-	-	0.24
OWF1 - 26	5.64	5.64	-	-	-	1.15

Station	Bivalvia (total)	Bivalvia (without <i>Mytilus</i> spp.)	<i>Mytilus</i> spp.	Gastropoda	Malacostraca	Polychaeta
OWF1 - 28	3.37	3.37	-	-	-	1.19
OWF1 - 29	3.49	3.49	-	-	-	0.73
OWF1 - 3	-	-	-	-	-	-
OWF1 - 30	217.16	217.16	-	-	-	0.11
OWF1 - 31	0.08	0.08	-	-	-	0.01
OWF1 - 32	88.45	88.45	-	-	-	-
OWF1 - 33	107.22	107.13	0.09	-	-	0.06
OWF1 - 34	2.39	2.39	-	-	-	3.24
OWF1 - 35	4.97	4.97	-	0.06	0.23	1.15
OWF1 - 36	573.80	573.80	-	-	-	0.48
OWF1 - 37	0.79	0.79	-	-	0.20	0.75
OWF1 - 38	2.28	2.28	-	-	-	-
OWF1 - 39	1.84	1.84	-	-	-	0.03
OWF1 - 4	0.71	0.71	-	-	0.14	-
OWF1 - 40	9.89	9.89	-	-	0.29	-
OWF1 - 41	41.64	41.64	-	-	-	0.38
OWF1 - 42	156.95	156.95	-	-	0.01	0.58
OWF1 - 43	1.97	1.97	-	-	-	0.27
OWF1 - 44	-	-	-	-	-	0.38
OWF1 - 45	39.20	39.20	-	-	-	3.08
OWF1 - 46	-	-	-	-	-	0.07
OWF1 - 47	73.17	73.17	-	-	-	0.26
OWF1 - 48	116.79	116.79	-	-	-	0.87
OWF1 - 49	0.20	0.20	-	-	0.08	3.69
OWF1 - 5	7.08	7.08	-	-	-	0.38
OWF1 - 50	120.45	120.45	-	-	0.10	1.06
OWF1 - 51	308.12	308.12	-	-	0.19	0.59
OWF1 - 52	2.31	2.31	-	-	-	0.69
OWF1 - 53	0.91	0.91	-	-	0.17	3.83
OWF1 - 54	35.91	35.91	-	-	-	0.16
OWF1 - 55	-	-	-	-	-	0.20
OWF1 - 56	3.88	3.88	-	0.15	-	0.61
OWF1 - 57	1.40	1.40	-	-	-	1.20
OWF1 - 58	84.84	84.84	-	-	-	0.16
OWF1 - 59	13.11	13.11	-	-	-	-
OWF1 - 6	4.99	4.99	-	-	-	0.26
OWF1 - 60	0.81	0.81	-	-	-	-
OWF1 - 7	24.55	24.55	-	-	-	2.12
OWF1 - 8	-	-	-	-	-	0.17
OWF1 - 9	8.76	8.76	-	-	0.01	0.51
OWF2 - 1	0.34	0.34	-	-	0.19	0.36
OWF2 - 10	1.64	1.64	-	-	-	-

Station	Bivalvia (total)	Bivalvia (without <i>Mytilus</i> spp.)	<i>Mytilus</i> spp.	Gastropoda	Malacostraca	Polychaeta
OWF2 - 11	-	-	-	-	-	-
OWF2 - 12	3.21	3.21	-	-	0.07	0.12
OWF2 - 13	6.94	6.94	-	-	0.19	0.04
OWF2 - 14	25.62	25.62	-	-	0.11	0.15
OWF2 - 15	27.62	27.62	-	-	1.29	0.14
OWF2 - 16	1.65	1.65	-	-	0.17	0.13
OWF2 - 17	1.35	1.35	-	-	0.22	0.07
OWF2 - 18	0.37	0.37	-	-	0.07	-
OWF2 - 19	1.59	1.59	-	-	-	-
OWF2 - 2	6.35	6.35	-	-	0.31	0.01
OWF2 - 20	0.47	0.47	-	-	-	0.05
OWF2 - 21	0.15	0.15	-	-	0.32	0.06
OWF2 - 22	0.05	0.05	-	-	-	-
OWF2 - 23	-	-	-	-	-	-
OWF2 - 24	2.21	2.21	-	-	-	0.06
OWF2 - 25	2.06	2.06	-	-	-	-
OWF2 - 26	2.51	2.51	-	-	0.34	0.29
OWF2 - 27	23.86	23.51	0.35	-	0.10	0.02
OWF2 - 28	0.08	-	0.08	-	-	2.27
OWF2 - 29	5.80	5.80	-	-	0.25	0.05
OWF2 - 3	2.64	2.64	-	-	-	0.01
OWF2 - 30	1.56	1.56	-	-	-	-
OWF2 - 31	-	-	-	-	-	-
OWF2 - 32	0.24	0.24	-	-	-	0.04
OWF2 - 33	1.19	1.19	-	-	-	0.06
OWF2 - 34	-	-	-	-	0.15	-
OWF2 - 35	-	-	-	-	-	-
OWF2 - 36	4.49	4.49	-	-	-	0.17
OWF2 - 37	8.90	8.90	-	-	-	0.04
OWF2 - 38	32.00	32.00	-	-	0.27	2.36
OWF2 - 39	9.97	9.97	-	-	0.36	1.24
OWF2 - 4	0.99	0.99	-	-	-	0.01
OWF2 - 40	1.99	1.99	-	-	-	0.11
OWF2 - 41	3.24	3.24	-	-	0.15	0.27
OWF2 - 42	3.99	3.99	-	-	0.13	0.04
OWF2 - 43	4.06	4.06	-	-	0.22	0.43
OWF2 - 44	-	-	-	-	0.14	0.06
OWF2 - 45	0.08	-	0.08	-	0.24	0.37
OWF2 - 46	0.90	0.90	-	-	-	0.03
OWF2 - 47	2.65	2.65	-	-	-	0.48
OWF2 - 48	19.97	19.97	-	-	0.14	0.21
OWF2 - 49	26.17	26.17	-	-	0.17	0.20

Station	Bivalvia (total)	Bivalvia (without <i>Mytilus</i> spp.)	<i>Mytilus</i> spp.	Gastropoda	Malacostraca	Polychaeta
OWF2 - 5	0.78	0.78	-	-	-	0.03
OWF2 - 50	8.92	8.92	-	-	0.11	0.17
OWF2 - 51	4.10	4.10	-	-	-	0.24
OWF2 - 52	-	-	-	-	0.09	2.87
OWF2 - 53	0.31	0.31	-	-	-	-
OWF2 - 54	3.48	-	3.48	-	0.61	0.17
OWF2 - 55	-	-	-	-	-	0.01
OWF2 - 56	-	-	-	-	-	-
OWF2 - 57	4.73	4.73	-	-	0.12	0.69
OWF2 - 58	2.04	2.04	-	-	0.48	0.01
OWF2 - 59	28.82	28.82	-	-	0.17	3.94
OWF2 - 6	-	-	-	-	-	0.03
OWF2 - 60	59.62	59.47	0.15	-	0.41	4.32
OWF2 - 7	-	-	-	-	-	0.13
OWF2 - 8	-	-	-	-	-	0.15
OWF2 - 9	1.02	1.02	-	-	-	0.07
SPA - 100	-	-	-	-	-	0.07
SPA - 101	19.43	-	19.43	-	-	0.21
SPA - 102	40.41	-	40.41	-	-	0.59
SPA - 103	24.71	-	24.71	-	0.26	2.64
SPA - 104	1.64	0.23	1.41	-	0.03	-
SPA - 105	-	-	-	-	0.14	0.02
SPA - 106	-	-	-	-	0.51	0.62
SPA - 107	-	-	-	-	0.14	0.01
SPA - 114	-	-	-	-	-	0.01
SPA - 115	66.59	-	66.59	-	-	0.06
SPA - 116	13.75	-	13.75	-	-	-
SPA - 117	2.83	2.83	-	-	0.02	2.64
SPA - 118	-	-	-	-	0.02	0.01
SPA - 119	1.17	-	1.17	0.07	-	-
SPA - 120	-	-	-	-	0.10	3.58
SPA - 121	0.07	0.07	-	-	0.17	-
SPA - 122	-	-	-	-	0.23	0.13
SPA - 123	0.45	0.45	-	-	0.07	0.03
SPA - 124	-	-	-	0.03	0.04	0.02
SPA - 125	0.75	0.62	0.13	-	-	0.27
SPA - 126	-	-	-	-	-	0.34
SPA - 127	55.06	-	55.06	-	-	0.30
SPA - 129	2.05	1.77	0.28	-	0.09	0.02
SPA - 130	-	-	-	-	-	0.01
SPA - 131	-	-	-	-	-	0.01
SPA - 132	0.62	-	0.62	-	-	-

Station	Bivalvia (total)	Bivalvia (without <i>Mytilus</i> spp.)	<i>Mytilus</i> spp.	Gastropoda	Malacostraca	Polychaeta
SPA - 133	1.43	-	1.43	-	-	0.02
SPA - 136	-	-	-	-	-	0.17
SPA - 137	-	-	-	-	-	0.05
SPA - 138	-	-	-	-	-	0.06
SPA - 139	-	-	-	-	-	1.80
SPA - 140	-	-	-	-	-	0.03
SPA - 141	6.06	6.06	-	-	0.01	0.79
SPA - 142	1.20	1.20	-	-	0.24	0.66
SPA - 143	3.83	3.73	0.10	-	0.10	5.67
SPA - 147	-	-	-	-	0.10	2.73
SPA - 148	22.62	-	22.62	-	-	0.01
SPA - 149	87.19	-	87.19	0.19	-	-
SPA - 150	30.67	-	30.67	-	-	0.02
SPA - 152	0.75	0.75	-	-	-	0.03
SPA - 153	-	-	-	-	-	0.88
SPA - 154	-	-	-	-	-	3.45
SPA - 155	9.03	-	9.03	-	-	1.08
SPA - 156	-	-	-	-	-	0.76
SPA - 158	6.84	6.84	-	-	0.03	0.17
SPA - 16	0.65	0.65	-	0.63	-	6.69
SPA - 161	-	-	-	-	0.10	-
SPA - 162	-	-	-	0.22	0.01	-
SPA - 163	-	-	-	-	0.20	-
SPA - 164	37.07	37.07	-	-	0.27	1.52
SPA - 165	0.19	0.19	-	-	-	0.37
SPA - 166	-	-	-	-	0.05	4.34
SPA - 167	6.66	-	6.66	-	0.03	2.52
SPA - 168	-	-	-	-	0.11	0.03
SPA - 169	-	-	-	-	-	0.04
SPA - 17	-	-	-	0.57	-	1.18
SPA - 18	13.49	13.49	-	0.06	0.03	2.06
SPA - 21	-	-	-	-	-	0.14
SPA - 22	33.01	33.01	-	-	0.13	0.17
SPA - 23	15.50	15.50	-	-	0.19	0.62
SPA - 24	-	-	-	-	-	0.02
SPA - 25	0.13	-	0.13	-	-	0.01
SPA - 28	-	-	-	-	-	0.01
SPA - 29	10.20	10.20	-	0.20	-	0.54
SPA - 30	-	-	-	-	-	-
SPA - 31	-	-	-	-	-	1.38
SPA - 32	0.11	-	0.11	-	0.08	0.70
SPA - 35	-	-	-	-	-	0.01

Station	Bivalvia (total)	Bivalvia (without <i>Mytilus</i> spp.)	<i>Mytilus</i> spp.	Gastropoda	Malacostraca	Polychaeta
SPA - 36	-	-	-	-	0.11	0.02
SPA - 37	-	-	-	-	0.13	0.04
SPA - 38	-	-	-	-	-	0.02
SPA - 39	-	-	-	-	-	-
SPA - 45	-	-	-	0.07	-	0.02
SPA - 46	1.00	1.00	-	-	0.04	0.01
SPA - 47	-	-	-	0.10	0.16	0.05
SPA - 48	19.34	19.34	-	-	-	-
SPA - 49	-	-	-	-	-	-
SPA - 54	331.97	-	331.97	-	-	1.64
SPA - 58	0.10	-	0.10	-	-	0.16
SPA - 59	0.64	0.64	-	-	-	0.12
SPA - 60	1.59	1.59	-	-	-	0.02
SPA - 61	-	-	-	0.06	-	0.19
SPA - 62	-	-	-	-	0.04	0.02
SPA - 63	-	-	-	-	0.15	-
SPA - 64	7.89	7.89	-	0.03	0.05	0.03
SPA - 65	1.15	1.15	-	0.12	0.17	0.20
SPA - 66	-	-	-	-	-	0.01
SPA - 67	-	-	-	0.03	-	0.01
SPA - 68	2.94	-	2.94	0.03	-	0.15
SPA - 76	-	-	-	-	-	0.04
SPA - 77	0.79	0.79	-	0.03	-	0.81
SPA - 78	-	-	-	0.47	0.19	0.06
SPA - 79	10.74	10.20	0.55	0.05	-	0.60
SPA - 87	18.35	-	18.35	-	-	0.01
SPA - 88	-	-	-	-	-	0.15
SPA - 94	28.89	-	28.89	-	-	0.10
SPA - 95	-	-	-	-	-	0.14
SPA - 97	-	-	-	-	-	0.13
Total DW	5957.48	4631.85	1325.63	8.00	24.93	173.43

APPENDIX 6 – STATISTICAL ANALYSES OF INFAUNA

METHODS

The statistical analyses presented below are used to describe the infauna communities within the pre-investigation area for Energy Island Bornholm.

The DKI index (The Danish Quality index) is developed to reflect the ecological quality of benthic infauna and can be used to assess the ecological condition of an area. The sampling conducted for this baseline study did not follow the NOVANA requirements for this specific analysis (Hansen & Josefson, 2020). To calculate the DKI index, a total of 42 HAPS samples (each with an area of 0.0143 m² – together consisting of an area of 0.6 m²) should be sampled in a homogeneous area. In the present study, samples were spread over a relatively large geographical area, and the DKI index was thus not calculated.

INDICES

In this study the Shannon-Wiener diversity index (H') and the AMBI index were used to describe the species diversity and sensitivity of infauna sampled in the pre-investigation area. The Shannon-Wiener diversity index (H') indicates the species diversity, where a high H' indicates high species diversity. The AMBI index is a “sensitivity index”, i.e. it indicates the environmental condition of a location. Low AMBI values indicate good environmental conditions, with the possible presence of infauna species that are sensitive to eutrophication. High AMBI values, on the other hand, indicate that the infauna community is dominated by species that are tolerant towards eutrophication.

It is important to note that the applied indices described below (Shannon-Wiener and AMBI) are not developed to compare different locations, as e.g. wave-, sediment- and contamination conditions can vary between locations. Thus, there will be areas (e.g. highly dynamic areas) where a high abundance of sensitive species will not be expected, which will be reflected in the index value. In time series from the same location, the environmental quality on the location over time can, on the other hand, be followed. In the present report, each subarea (CC, OWF1, OWF2, INV and SPA) cover large geographical areas, where e.g. sediment, depth and dynamic conditions varies. The variation in physical conditions between the samples within each of the areas, are thus larger than a normal dataset collected for e.g. NOVANA (sampled as one station with 42 replicate HAPS samples). Hence, results from the analyses should be interpreted with care.

SHANNON-WIENER INDEX – SPECIES DIVERSITY INDEX

Shannon-Wiener index (H') increases as both the richness (species number) and the evenness (similar individual numbers for the different species) of the infauna community increase. The fact that the index incorporates both components of biodiversity can be seen as both a strength and a weakness. A strength because it provides a simple synthetic summary, but a weakness because it makes it difficult to compare communities that differ greatly in richness. Typical values are generally between 1.5 and 4 in most ecological studies and the index is rarely greater than 4.

$$H' = - \sum_{i=1}^R p_i \ln p_i$$

, where R is richness (the total number of species in the dataset) and the proportional abundance of the i 'th type is p_i .

Note that the index score can only be used to compare within the same area or between areas, where the physical and environmental parameters are similar. Here, we have samples from a large geographical area within the pre-investigation area for Energy Island Bornholm, and we would therefore expect that physical and environmental parameters differ within each area. Thus, the results from the Shannon-Wiener diversity index are just an indication of the species diversity in each of the different areas, and results should therefore be interpreted with care. We additionally use the results to compare species diversity between the areas.

AMBI INDEX - CONDITION OF COMMUNITY/DISTURBANCE

The AMBI index is a marine index used to evaluate the effect of eutrophication on infauna in European Fjords, coastal areas, and sea areas (Borja et. al., 2000). This index is derived from the individual numbers of the species in five ecological fauna groups, which are classified by their tolerance to environmental stress factors (GI-GV) (see below) and describes the overall environmental quality of an area based on the composition of the infauna community. The AMBI index cannot be used for comparisons between different locations, but rather to assess the development of the infauna community / locality over time at the same location. In the present study, we have data from one point in time and use AMBI to assess the effect of eutrophication on infauna in each subarea and for comparison between the subareas within the pre-investigation area.

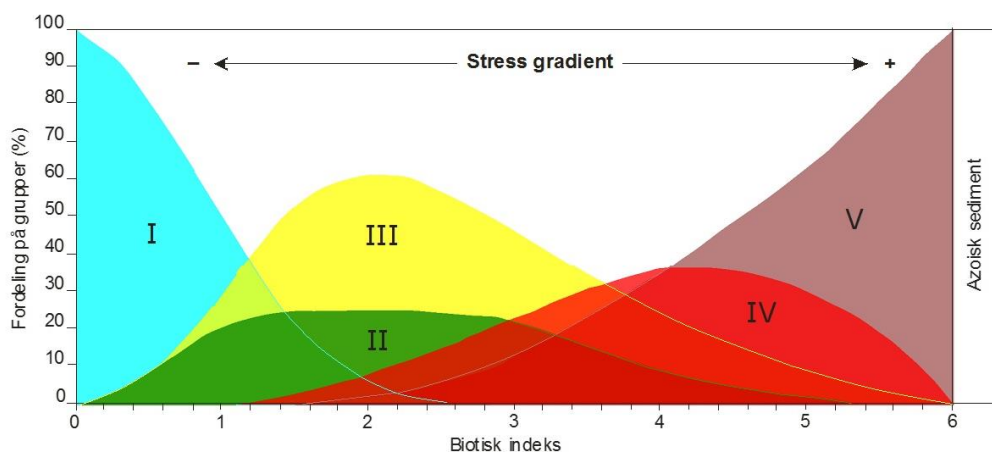


Figure 1. Theoretical development of the five infauna groups and AMBI values across a stress gradient. Distribution on groups (%) and the biotic index. Values >6 indicate azoic (no life) sediment. Source: Edited from Hedeselskabet (2005).

Fauna group GI: Species very sensitive to organic enrichment and present under unpolluted conditions (initial state). They include the specialist carnivores and some deposit-feeding tubicolous polychaetes.

Fauna group GII: Species indifferent to enrichment, always present in low densities with non-significant variations with time (from initial state to slight unbalance). These include suspension feeders, less selective carnivores, and scavengers.

Fauna group GIII: Generalists that are tolerant to excess organic matter enrichment. These species may occur under normal conditions, but their populations are stimulated by organic enrichment (slight unbalanced situations). They are surface deposit-feeding species, such as tubicolous spionids, e.g. the species *Pygospio elegans* (see e.g. Table 5).

Fauna group GIV: Second-order opportunistic species (slight to pronounced unbalanced situations). Mainly small sized polychaetes: subsurface deposit-feeders, such as cirratulids.

Fauna group GV: First-order opportunistic species (pronounced unbalanced situations). These are deposit feeders, which proliferate in reduced sediments.

The AMBI value can be calculated from the formula:

$$AMBI = \frac{0 * \%GI + 1,5 * \%GII + 3 * \%GIII + 4,5 * \%GIV + 6 * \%GV}{100}$$

Hence, the AMBI value can be interpreted according to (Borja et. al., 2000), which describes the condition/pollution/health of the bottom fauna as well as the degree of disturbance of the location. The scale ranges from Normal to Azoic (having no living beings) for the bottom fauna and from undisturbed to extremely disturbed for the locality (Table 1).

Table 1. Overview of AMBI-index values. From (Borja et. al., 2000). The values can be interpreted from Figure 1.

AMBI	Dominating ecological group	Condition of the benthic community	Disturbance
0,0 < AMBI ≤ 0,2	I	Normal	Undisturbed
0,2 < AMBI ≤ 1,2		Impoverished	
1,2 < AMBI ≤ 3,3	III	Unbalanced	Lightly disturbed
3,3 < AMBI ≤ 4,3		Transitional to pollution	Mean disturbed
4,3 < AMBI ≤ 5,0	IV-V	Polluted	
5,0 < AMBI ≤ 5,5		Transitional to heavy pollution	Heavily disturbed
5,5 < AMBI ≤ 6,0	V	Heavy polluted	
Azoic	Azoic	Azoic	Extremely disturbed

MULTIVARIATE STATISTICAL ANALYSES

Bray-Curtis similarity index and MDS analysis

Similarities and dissimilarity in the composition of taxons between the single samples and localities are analyzed using multidimensional scaling (MDS) by Bray-Curtis similarities (BC_{ij}) calculated pairwise for all combinations of samples. For this, the software PRIMER (Primer-E, version 7, see (Clarke & Gorley, 2006)) is used. Data is transformed (square root) before analysis in order to suppress dominating taxa.

$$BC_{ij} = 1 - \frac{2C_{ij}}{S_i + S_j}$$

Where C_{ij} is the sum of the smallest value of the species that are in both samples / localities. S_i and S_j is the total number of species found in the sample / locality. The calculated Bray-Curtis similarity index is shown as an MDS-plot where separated groups can be identified.

In the interpretation of data, the stress number of the MDS-plot is evaluated. Stress varies between 0 and 1, where values close to 0 indicates a more accurate representation of data. A stress number less than 0.1 indicates an excellent representation in the interpretation of data in 2-D, whereas the interpretation of data in 2-D is subject to greater uncertainty at stress values greater than 0.2.

ANOSIM (Analysis of Similarity)

This method uses Bray-Curtis similarity values and gives a P-value (significance level) and an R-value (strength). The R-value is typically between 0 and 1, but can be negative, as low as -1, but often close to 0. An R-value close to 1 indicates a high degree of separation between subsamples from one station vs. subsamples from another station, while R-values close to 0 indicate no separation between subsamples of the two stations.

Hence, the R-value is both affected by the variation in the distribution of taxa between subsamples within each station as well as the variation between subsamples from the other station. In the present study, subsamples were not taken at each station and samples taken within each of the five areas (CC, OWF1, OWF2, INV and SPA) were all pooled to represent the five separate areas (five pools of data/stations).

Thus, in ANOSIM analysis it should initially be tested if there is a significant difference between subsamples sorted e.g. after depth intervals, and thereafter the Global R-value / the strength of the analysis is assessed. Afterwards, pair-wise comparisons and the R-value for these can be assessed. It is possible that there is a significant difference, but that the R value is low (e.g. <0.2), which means that the strength of the analysis is low, and results should be interpreted with care.

In the present report, we define the following R-values' strength as: $R < 0.2$: weak and not relevant, $0.2 < R < 0.4$: low, $0.4 < R < 0.6$: moderate, $R > 0.6$: high.

SIMPER (Similarity percentages)

A SIMPER analysis is not an actual test but more a description of which species that can explain the similarity/dissimilarity you test for in the ANOSIM. More specifically, a SIMPER analysis calculates the contribution of each species (%) to the similarity/dissimilarity between groups of samples and, furthermore, specifies which species that contribute mostly to the similarity/dissimilarity observed.

RESULTS

Results for infauna sampled in the pre-investigation area for Energy Island Bornholm are presented in the following chapter. Data are presented as totals for the pre-investigation area and for the subareas (OWF1, OWF2, CC, SPA, INV). Note that results for the two subareas Bornholm I North (B1N) and South (B1S) are presented as one subarea (OWF1), as data analyses of class composition (pie charts in the main report) and multivariate statistical analyses (see section "Multivariate statistical analyses" below) showed that infauna class distribution was similar in both subareas and furthermore, that the degree of separation of infauna communities between B1N and B1S was low and therefore not relevant.

SHANNON-WIENER DIVERSITY INDEX (H')

The average H' for the whole pre-investigation area including all sampled stations was 0.78 ± 0.56 and ranged from 0.49 to 1.07 (Table 2). The highest species diversity was observed in the OWF1 area (1.07 ± 0.59), followed by the CC area (1.00 ± 0.55), and was lowest in the INV area (0.49 ± 0.55). Species diversity at each station is listed in Table 3.

In the latest report from NOVANA (Hansen & Høgslund, 2023), the Shannon Diversity index for all Danish marine areas ranged between 0.2-3.1 averaging at 1.8 (data from 2021). The average species diversity (H') in all the five different subareas within the pre-investigation area for Energy Island Bornholm were thus below average for Danish waters (Table 2).

Table 2. Average Shannon-Wiener diversity index (H') ± standard deviation (SD) for the different areas and total pre-investigation area for Energy Island Bornholm. See Table 3 for H' at each station.

Area	H'
CC	1.00 ± 0.55 (0-1.74) Median 1.10
OWF1	1.07 ± 0.59 (0-2.00) Median 1.14
OWF2	0.76 ± 0.49 (0-1.57) Median 0.89
INV	0.49 ± 0.55 (0-1.89) Median 0.15
SPA	0.85 ± 0.49 (0-1.91) Median 0.89
Total area	0.78 ± 0.56 (0-2.00) Median 0.85

Table 3. Results of the Shannon-Wiener diversity index (H') in the pre-investigation area for Energy Island Bornholm. See Table 2 for average H' in the different areas and total pre-investigation area.

Station	H'	Station	H'	Station	H'	Station	H'
CC - 1	0.08	INV - 61	1.59	OWF1 - 9	1.51	SPA - 125	1.26
CC - 12	1.04	INV - 62	1.37	OWF2 - 1	0.79	SPA - 126	1.21
CC - 2	0.78	INV - 66	1.48	OWF2 - 10	0.00	SPA - 127	0.89
CC - 3	1.10	INV - 7	0.00	OWF2 - 11	0.00	SPA - 129	1.21
CC - 4	0.62	INV - 70	1.47	OWF2 - 12	1.09	SPA - 130	0.69
CC - 9	0.00	INV - 73	1.40	OWF2 - 13	1.29	SPA - 131	0.00
CC1 - 10	1.27	INV - 79	1.47	OWF2 - 14	1.24	SPA - 132	0.69
CC1 - 11	1.60	INV - 8	0.69	OWF2 - 15	1.32	SPA - 133	1.08
CC1 - 12	1.36	INV - 80	1.42	OWF2 - 16	0.85	SPA - 136	0.00
CC1 - 13	1.67	INV - 81	0.66	OWF2 - 17	0.95	SPA - 137	0.00
CC1 - 14	1.04	INV - 82	1.15	OWF2 - 18	0.96	SPA - 138	0.56
CC1 - 15	1.39	INV - 83	1.05	OWF2 - 19	0.67	SPA - 139	1.00
CC1 - 1x	1.74	INV - 84	0.90	OWF2 - 2	1.01	SPA - 140	0.64
CC1 - 2x	1.18	INV - 85	0.85	OWF2 - 20	0.56	SPA - 141	1.91
CC1 - 4	1.21	INV - 86	0.96	OWF2 - 21	1.33	SPA - 142	0.68
CC1 - 9	1.16	INV - 87	0.77	OWF2 - 22	0.00	SPA - 143	0.56
CC2 - 1	0.00	INV - 88	0.91	OWF2 - 23	0.00	SPA - 147	1.43
CC2 - 11	0.80	INV - 9	0.69	OWF2 - 24	0.67	SPA - 148	1.09
CC2 - 12	1.42	INV - 91	0.58	OWF2 - 25	1.04	SPA - 149	0.21
CC2 - 4	0.84	INV - 95	1.26	OWF2 - 26	1.12	SPA - 150	0.53
CC2 - 5	1.45	INV - 98	0.00	OWF2 - 27	1.09	SPA - 152	1.33
CC2 - 6	0.95	INV - 99	0.00	OWF2 - 28	0.74	SPA - 153	0.32
CC2 - 7	0.69	OWF1 - 1	0.00	OWF2 - 29	0.79	SPA - 154	0.95
CC2 - 8	0.00	OWF1 - 10	0.00	OWF2 - 3	0.41	SPA - 155	1.03

Station	H'	Station	H'	Station	H'	Station	H'
CC2 - 9	0.96	OWF1 - 11	0.00	OWF2 - 30	0.00	SPA - 156	1.33
INV - 10	0.69	OWF1 - 12	0.95	OWF2 - 31	0.00	SPA - 158	1.54
INV - 100	0.00	OWF1 - 13	0.69	OWF2 - 32	0.69	SPA - 16	1.11
INV - 101	0.45	OWF1 - 14	0.00	OWF2 - 33	0.64	SPA - 161	0.00
INV - 102	0.69	OWF1 - 15	0.50	OWF2 - 34	0.00	SPA - 162	0.69
INV - 105	0.00	OWF1 - 16	1.13	OWF2 - 35	0.00	SPA - 163	0.00
INV - 107	0.00	OWF1 - 17	1.20	OWF2 - 36	0.64	SPA - 164	1.13
INV - 11	0.00	OWF1 - 18	1.31	OWF2 - 37	1.08	SPA - 165	1.10
INV - 110	0.90	OWF1 - 19	1.13	OWF2 - 38	1.33	SPA - 166	1.28
INV - 111	0.96	OWF1 - 2	0.00	OWF2 - 39	1.16	SPA - 167	1.27
INV - 112	0.00	OWF1 - 20	1.47	OWF2 - 4	0.64	SPA - 168	0.66
INV - 113	0.63	OWF1 - 21	0.00	OWF2 - 40	0.67	SPA - 169	0.00
INV - 12	0.00	OWF1 - 22	0.85	OWF2 - 41	1.00	SPA - 17	1.40
INV - 13	0.00	OWF1 - 23	0.00	OWF2 - 42	1.09	SPA - 18	1.89
INV - 14	0.00	OWF1 - 24	0.69	OWF2 - 43	1.38	SPA - 21	0.80
INV - 15	0.00	OWF1 - 25	1.31	OWF2 - 44	1.10	SPA - 22	1.21
INV - 16	0.00	OWF1 - 26	1.89	OWF2 - 45	1.57	SPA - 23	1.48
INV - 17	0.69	OWF1 - 28	1.58	OWF2 - 46	1.10	SPA - 24	0.00
INV - 18	1.41	OWF1 - 29	1.37	OWF2 - 47	1.24	SPA - 25	1.10
INV - 19	1.42	OWF1 - 3	0.00	OWF2 - 48	1.25	SPA - 28	0.69
INV - 20	0.64	OWF1 - 30	0.94	OWF2 - 49	1.08	SPA - 29	0.91
INV - 21	0.00	OWF1 - 31	0.69	OWF2 - 5	0.64	SPA - 30	0.00
INV - 22	0.00	OWF1 - 32	0.00	OWF2 - 50	0.94	SPA - 31	0.64
INV - 23	0.00	OWF1 - 33	1.31	OWF2 - 51	1.51	SPA - 32	1.46
INV - 24	0.00	OWF1 - 34	1.53	OWF2 - 52	0.50	SPA - 35	0.00
INV - 25	0.00	OWF1 - 35	1.72	OWF2 - 53	0.00	SPA - 36	1.04
INV - 26	0.00	OWF1 - 36	0.60	OWF2 - 54	1.03	SPA - 37	0.87
INV - 27	0.00	OWF1 - 37	1.41	OWF2 - 55	0.00	SPA - 38	0.00
INV - 28	0.00	OWF1 - 38	0.00	OWF2 - 56	0.00	SPA - 39	0.00
INV - 29	1.33	OWF1 - 39	0.69	OWF2 - 57	1.14	SPA - 45	0.69
INV - 30	1.20	OWF1 - 4	1.10	OWF2 - 58	1.24	SPA - 46	1.10
INV - 31	0.31	OWF1 - 40	0.64	OWF2 - 59	1.04	SPA - 47	0.96
INV - 32	1.15	OWF1 - 41	1.89	OWF2 - 6	0.00	SPA - 48	0.69
INV - 37	1.57	OWF1 - 42	1.89	OWF2 - 60	1.46	SPA - 49	0.00
INV - 38	1.04	OWF1 - 43	1.21	OWF2 - 7	0.00	SPA - 54	0.61
INV - 39	1.33	OWF1 - 44	0.00	OWF2 - 8	0.00	SPA - 58	1.10
INV - 40	0.00	OWF1 - 45	1.33	OWF2 - 9	0.64	SPA - 59	1.10
INV - 41	0.00	OWF1 - 46	1.10	SPA - 100	0.69	SPA - 60	1.04
INV - 43	0.64	OWF1 - 47	0.94	SPA - 101	1.08	SPA - 61	1.37
INV - 44	0.00	OWF1 - 48	1.52	SPA - 102	0.51	SPA - 62	1.10
INV - 45	0.00	OWF1 - 49	1.56	SPA - 103	1.27	SPA - 63	0.00
INV - 46	0.00	OWF1 - 5	1.26	SPA - 104	0.96	SPA - 64	1.59
INV - 47	0.00	OWF1 - 50	2.00	SPA - 105	1.26	SPA - 65	1.61
INV - 48	0.00	OWF1 - 51	1.80	SPA - 106	0.78	SPA - 66	0.56
INV - 49	0.00	OWF1 - 52	1.41	SPA - 107	0.85	SPA - 67	0.48

Station	H'	Station	H'	Station	H'	Station	H'
INV - 50	0.00	OWF1 - 53	1.49	SPA - 114	0.00	SPA - 68	1.49
INV - 51	0.00	OWF1 - 54	1.05	SPA - 115	0.63	SPA - 76	0.87
INV - 52	0.00	OWF1 - 55	0.64	SPA - 116	0.66	SPA - 77	1.47
INV - 53	0.00	OWF1 - 56	1.04	SPA - 117	1.49	SPA - 78	1.31
INV - 54	0.00	OWF1 - 57	1.00	SPA - 118	0.87	SPA - 79	1.73
INV - 55	0.69	OWF1 - 58	1.91	SPA - 119	1.04	SPA - 87	0.69
INV - 56	0.00	OWF1 - 59	0.00	SPA - 120	0.92	SPA - 88	0.45
INV - 57	0.00	OWF1 - 6	1.14	SPA - 121	0.33	SPA - 94	0.83
INV - 58	0.00	OWF1 - 60	0.00	SPA - 122	0.90	SPA - 95	0.56
INV - 59	0.00	OWF1 - 7	1.42	SPA - 123	1.01	SPA - 97	0.27
INV - 60	0.00	OWF1 - 8	0.27	SPA - 124	1.39		

AMBI-INDEX

The AMBI index can be used to evaluate the effect of eutrophication on marine infauna and describes the condition/pollution/health of the bottom fauna as well as the degree of disturbance of the location (Borja et. al., 2000). This index is derived from the individual numbers of the species in five ecological fauna groups, which are classified by their tolerance to environmental stress factors (GI-GV), and describes the overall environmental quality of an area based on the composition of the infauna community (see details above in the Method section 'AMBI index - condition of community/disturbance'). The scale ranges from Normal to Azoic (having no living beings) for the bottom fauna and from undisturbed to extremely disturbed for the locality (see e.g. Table 1).

A low AMBI and high species diversity (H') are interpreted as the infauna community not being as disturbed as when an area has a high AMBI and low H'. High AMBI and low H' is interpreted as being an infauna community being negatively affected by eutrophication or from derivative effects from e.g. oxygen depletion (Hansen & Høgslund, 2023).

Table 4. Results from the AMBI-index analysis using (Borja et. al., 2000). The average AMBI and the distribution (%) of the ecological groups (I-V) are listed for the five subareas within the pre-investigation area for Energy Island Bornholm, together with the total pre-investigation area (data from all five areas pooled). The disturbance classification is listed for both the benthic community and the location.

Area	I(%)	II(%)	III(%)	IV(%)	V(%)	Average AMBI	Disturbance classification (community/location)
CC	19	4	70	0	7	2.58	Unbalanced/Slightly disturbed
OWF1	22.8	12.4	63.6	0.2	0.9	2.16	Unbalanced/Slightly disturbed
OWF2	5.7	1.9	88.7	0	3.7	2.91	Unbalanced/Slightly disturbed
INV	9.5	7.3	78.1	0	5.2	2.76	Unbalanced/Slightly disturbed
SPA	12.5	6.4	69.1	0	12	2.89	Unbalanced/Slightly disturbed
Total pre-investigation area	13.7	5.6	78.8	0	6.8	2.71	Unbalanced/Slightly disturbed

The AMBI index classifies the infauna community and location as "unbalanced" and "slightly disturbed", respectively, according to (Borja et. al., 2000) (Table 4). The average AMBI values for the pre-investigation area, including all stations in the five areas, was 2.71, which is similar to the average AMBI index found in Danish waters (2.9 – ranging from 1.3-5.2) NOVANA; (Hansen & Høgslund, 2023)). Note that the AMBI index found in the present study should be interpreted with care, as data are sampled from stations spread out over a large

geographical area, whereas the AMBI index in the Danish monitoring program (NOVANA) is calculated for one station with 42 replicates.

Table 5 lists the eight dominating species across the pre-investigation area, together with the ecological group in which the species are classified according to (Borja et. al., 2000).

Table 5. Ecological group (AMBI – see Table 1) and total abundance (individuals/m²) of the eight most abundant species in the pre-investigation area for Energy Island Bornholm. Ecological group (AMBI-index) for the species are found using (Borja et. al., 2000).

Taxonomic class	Species	Ecological fauna group (AMBI)	Pre-investigation area (individuals/m ²)
Polychaeta	<i>Pygospio elegans</i>	III	292 ± 34
Bivalvia	<i>Mytilus</i> spp.	III	192 ± 105
Bivalvia	<i>Limecola balthica</i>	III	105 ± 13
Polychaeta	<i>Scoloplos armiger</i>	III	60 ± 8
Clitellata	<i>Oligochaeta</i> indet.	V	59 ± 11
Malacostraca	<i>Bathyporeia pilosa</i>	I	49 ± 15
Bivalvia	<i>Astarte</i> sp.	I	23 ± 5
Malacostraca	<i>Gammarus</i> sp.	I	22 ± 15

Species belonging to the ecological fauna group I, are species that are very sensitive to organic enrichment and present under unpolluted conditions (initial state). Species in this group include the specialist carnivores and some deposit feeding tubicolous polychaetes. Species belonging to the ecological fauna group II are species that are indifferent to enrichment, always present in low densities with non-significant variations with time (from initial state to slight unbalance). These include suspension feeders, less selective carnivores, and scavengers. Species in the ecological fauna group III are generalists that are tolerant to excess organic matter enrichment. These species may occur under normal conditions, but their populations are stimulated by organic enrichment (slight unbalanced situations). These species are surface deposit-feeders, e.g. tubicolous spionids such as *Pygospio elegans*, which dominated the species abundance in the pre-investigation area (Table 5).

In all five subareas, the dominating ecological group was group III (generalists tolerant to excess organic matter enrichment) (ranging from 69.1% to 88.7%, see Table 4). The OWF1 area had the lowest AMBI value and had the highest contribution of species in the ecological fauna group I (22.8%), which are defined as species that are sensitive to disturbance/eutrophication, and present under unpolluted conditions. Species diversity (H') was furthermore higher in the OWF1 area compared to the other areas (Table 2). The OWF2 area had the highest AMBI values (i.e. worst condition of all subareas) and lowest contribution (5.7%) of ecological fauna group I and the highest contribution of ecological fauna group III, relative to the other areas. OWF2 also had lower species diversity compared to e.g. OWF1 and CC (Table 2). This is likely due to high TOC and most widely spread oxygen deficiency (<4 mgO₂/l) in OWF2 compared to OWF1 and CC areas (see Technical report section 5.1.2 – Salinity, temperature and oxygen concentration). The CC area had AMBI and H's values that were in between the ones found in the OWF1 and OWF2 areas. The SPA area had an AMBI index of 2.89, similar to OWF2. SPA was the area with the highest contribution of species in the ecological fauna group V, which are species that are less sensitive and can tolerate high disturbance/eutrophication. The INV area had an AMBI index of 2.76 with a relatively high contribution of species in the ecological fauna group III (78.1%) and a contribution of species in the ecological fauna group V of 5.2%.

In summary, the average species diversity index (Shannon-Wiener, H') for the whole pre-investigation area (including all sampled stations) was 0.78, which is below average for Danish waters (H' = 1.8 (data from 2021)). The highest species diversity was observed in the OWF1 area (1.07) and lowest in the INV area (0.49).

The AMBI index classified the infauna community and location as “unbalanced” and “slightly disturbed”, respectively in all areas within the pre-investigation area for Energy Island Bornholm. The average AMBI index found in the pre-investigation area using all data was 2.71, and comparable with the average AMBI index found in Danish waters (2.9). The dominating ecological fauna group was group III, which are defined as generalist species that are tolerant to excess organic matter enrichment.

MULTIVARIATE STATISTICAL ANALYSES

Multi-Dimensional Scalling (MDS; based on Bray-Curtis similarity index), ANOSIM analysis and SIMPER analysis were applied to analyse species abundances and biomass, similarity and dissimilarity between stations in the different subareas (B1N, B1S, OWF1, OWF2, CC, SPA and INV) within the pre-investigation area. Note that similarity is within, and dissimilarity is between the subareas.

STATISTICAL ANALYSES FOR SPECIES COMPOSITION AND ABUNDANCE

INITIAL COMPARISON OF SUBAREAS

The initial analysis conducted used all infauna abundance data and included all subareas to get an overview of the dataset and similarity/dissimilarity of the subareas. The cable corridor area (CC), which include the CC, CC1 and CC2 subareas were included as one subarea to reduce the number of categories investigated and as both CC1 and CC2 are expected to be realized in the project. However, Bornholm I North and South (B1N and B1S) were included separately as one of these might be optional.

The MDS plot shows three outlier stations (INV_023, 046 and 047), which are very different from the other stations as they are situated in the edge of the MDS-plot (Figure 2), thus, masking the differences between the other stations in the plot. The raw data showed that there was only one individual of one species present (the bivalve *Arctica islandica*) at both stations INV_023 and INV_046. This species was not present at any other station sampled. At station INV_047, only one individual of the polychaete species *Levinsenia gracilis* was present. This species was not present at other stations.

A new MDS-plot was, therefore, conducted without the three outlier stations to be able to see the grouping of the other stations (Figure 3). Note that the three outlier stations are included in the analyses following the MDS (ANOSIM and SIMPER).

The MDS plot without the outliers shows some overlap of the infauna communities between the subareas especially B1N and B1S (Figure 3). However, an Analysis of Similarity (ANOSIM) between the stations in the subareas showed that there was a significant difference between composition and abundance of the infauna communities in the sampled subareas ($p=0.001$), though with a low strength (Global R) of the analysis ($R=0.325$).



Figure 2. MDS plot of all data. The MDS plot visually illustrates similarities and dissimilarities regarding infauna species composition and abundance within the pre-investigation area for Energy Island Bornholm (B1N, B1S, CC, INV, OWF2 and SPA). The Bray-Curtis Similarity Index displayed in the MDS-plot is based on square-root transformed data from the species composition and abundance. If two stations (samples) are similar, they will be in the same position in the plot. Note that three outlier stations are resulting in that it is not possible to see how the remaining stations (in the lower left corner of the plot) are situated in the MDS-plot.

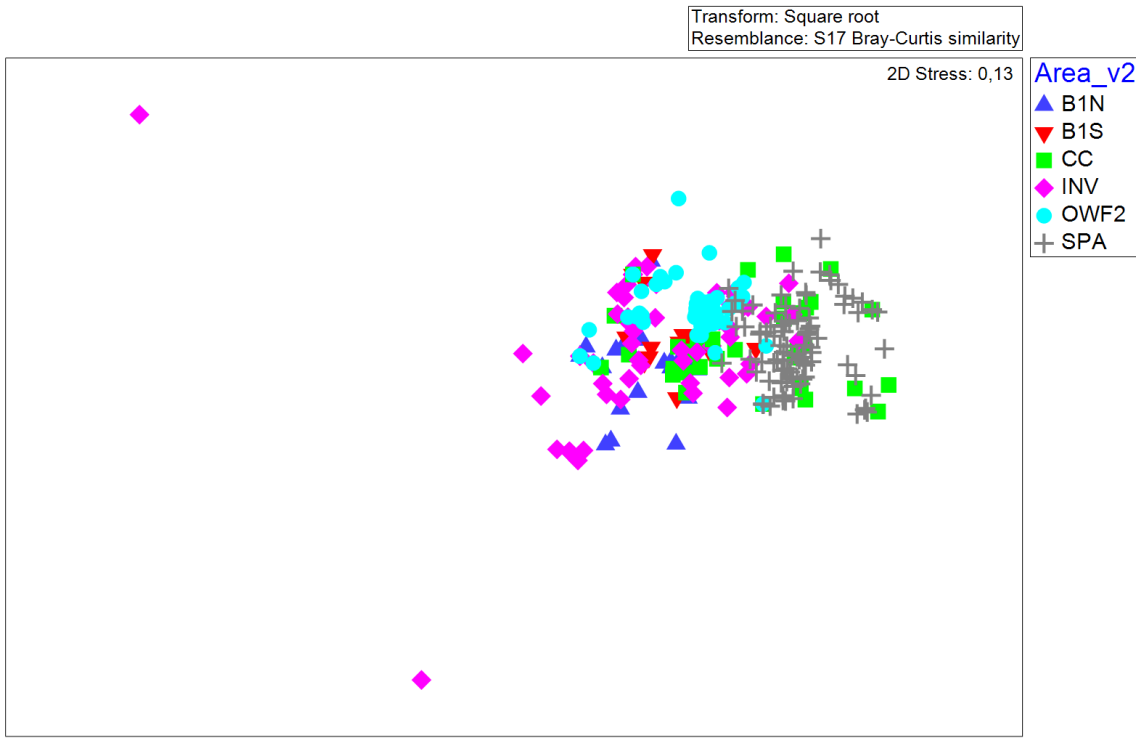


Figure 3. MDS plot excl. three outliers. The MDS plot visually illustrates similarities and dissimilarities regarding infauna species composition and abundance within the pre-investigation area for Energy Island Bornholm (B1N, B1S, CC, INV, OWF2 and SPA). The Bray-Curtis Similarity Index displayed in the MDS plot is based on square-root transformed data from the species composition and abundance. If two stations (samples) are similar, they will be in the same position in the plot.

MERGING OF SUBAREAS B1N AND B1S INTO ONE SUBAREA (OWF1)

As B1N and B1S showed some similarity in the MDS plot (Figure 3), the specific similarity/dissimilarity between these two subareas were investigated further, which resulted in merging of the two subareas Bornholm I North and South (B1N and B1S) into one subarea called OWF1 (excl. stations outside the B1N and B1S areas - see Appendix 2, map 1)

An analysis of similarity (ANOSIM) revealed that there was a significant difference of composition and abundance of infauna communities between B1N and B1S ($p=0.04$), however with a weak R-value of 0.164, indicating a low degree of separation between the infauna communities in the two subareas, which both can indicate a high variation in the infauna communities between stations within each subarea and/or a high variation in infauna communities between the subareas. A low degree of separation means that the separation is too small to be relevant. Thus, the two subareas have been pooled into one area OWF1.

This is supported by results from the SIMPER analysis (testing similarities within and dissimilarities between areas, respectively), which revealed that there was a similarity of 31.65% in the composition and abundance of the infauna communities within B1N stations, where *Scoloplos armiger*, *Astarte* sp. and *Limecola balthica* (former *Macoma balthica*) together explaining 71.89% of the similarity in the area. The similarity was 39.16% between stations in the B1S area, where *Limecola balthica* and *Scoloplos armiger* together explained 81.14% of the similarity. The dissimilarity in the composition and abundance of the infauna communities between B1N and B1S was 72.48%, and the SIMPER analysis lists seven species, that together explain 73.20% of the dissimilarity between the two subareas. All seven species were present in both areas. Thus, the differences in abundances of the same species between the two subareas were the reason for the high dissimilarity found. *Scoloplos armiger*, *Limecola balthica* and *Astarte* sp. together explained 40.79% of the dissimilarity between B1N and B1S.

As the same species were present in the two subareas (B1N and B1S), and as there was only 31.65% and 39.16% similarity within B1N and B1S, respectively, indicating a high variation with regard to composition and abundance of the infauna communities between stations within each subarea, likely due to sampling in a large geographical and geologically heterogenous area, the two subareas were pooled into one large area ("OWF1"). The OWF1 stations that are not situated within the two subareas B1N and B1S, were assigned to the CC area (only applies to stations OWF1_28, 29 and 59) and 15 OWF1 stations were assigned to the INV area (see Appendix 5A – Infauna basis data).

COMPARISON OF SUBAREAS INCL. OWF1

The result of the MDS plot when conducting the analysis with the two subareas B1N and B1S merged into one subarea OWF1 (and when removing the three outlier stations INV_023, 046 and 057 as mentioned above), is presented in Figure 4. The MDS plot shows that stations within some of the subareas (e.g., INV and CC) were more spread out than other areas (e.g. SPA and OWF2). This means that the infauna communities differed more within subarea INV and CC, respectively, reflecting that sampled stations cover a larger geographical area, a wider depth range and more varying sediment types (see e.g., Map 1-4 in Appendix 2).

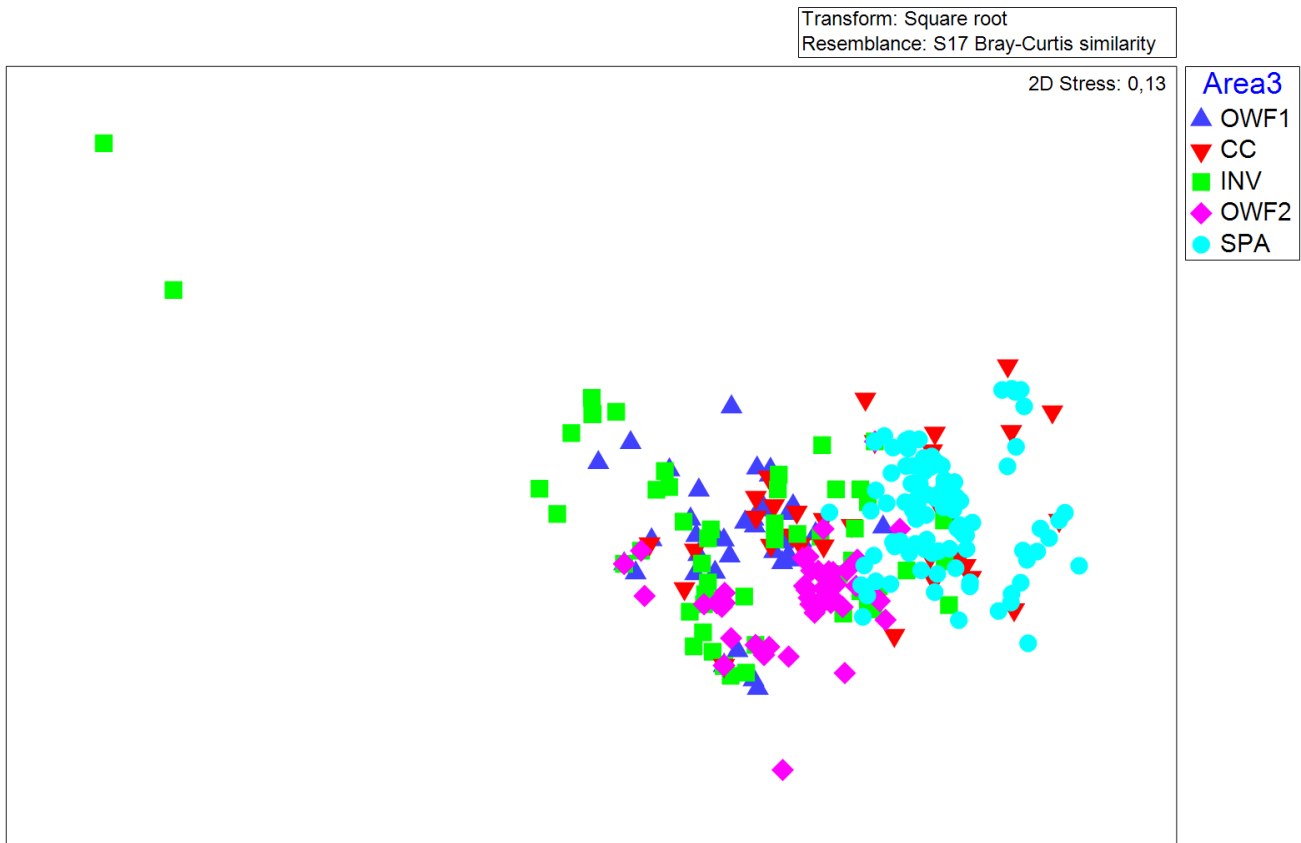


Figure 4. MDS plot of subareas incl. OWF1. The MDS plot visually illustrates similarities and dissimilarities regarding infauna species composition and abundance within the pre-investigation area for Energy Island Bornholm (OWF1, CC, INV, OWF2 and SPA). B1N and B1S were merged into the subarea OWF1. The Bray-Curtis Similarity Index displayed in the MDS plot is based on square-root transformed data from the species composition and abundance. If two stations (samples) are similar, they will be in the same position in the plot.

The ANOSIM analysis showed that there was a statistical difference in the composition and abundance of infauna communities between subareas ($p=0.001$), though with a low analysis strength ($R=0.329$), meaning that the strength of the separation is weak.

Results from the SIMPER analysis, which compare similarity within and dissimilarities in the infauna communities within and between area, are shown in Table 6. Table 6 shows that there is in general relatively low similarities in the abundance and composition of the infauna communities inside/within each area (18-37%), being highest within OWF2 and lowest within CC. These low similarities within areas are, as mentioned above, likely due to the fact that sampled stations within each subarea cover a large geographical area, depth range and that different substrate types are present within each assigned area. Dissimilarities between areas ranged from 75-92%, with highest dissimilarity between stations located in SPA and OWF1. The lowest dissimilarities were between OWF1/OWF2 (75%) and SPA/CC (78%), which likely reflects the dominating sediment types and depth that are most similar for OWF1/OWF2 (soft substrate dominating, sediment type 1a) and SPA/CC (hard substrate dominating sediment type 3 and 4) (see Technical report Table 5-2).

Table 6. Comparison of subareas incl. OWF1. Results from the SIMPER analysis listing similarities (blue cells) and dissimilarities (white cells) in abundance and composition of infauna communities between areas for stations sampled in the pre-investigation area for the Energy Island Bornholm. Average similarity (%) of the infauna communities within each of the areas (numbers in blue cells) and dissimilarity (%) of the infauna communities between each of the areas (white cells).

Area	OWF1	OWF2	CC	INV	SPA
OWF1	31	75	82	79	92
OWF2	75	37	81	79	84
CC	82	81	20	85	78
INV	79	79	85	18	90
SPA	92	84	78	90	32

For all areas, the same species were present (e.g. *Pygospio elegans*, *Scoloplos armiger*, *Bathyporeia pilosa* and *Limecola balthica*), and similarities and dissimilarities within and between areas, respectively, were mainly explained by differences in abundances of the species, and not presence/absence of species.

DEPTH AS A DETERMINING FACTOR

In this section, the importance of depth for the species composition and abundance of infauna is investigated. The results show that at most of the 10 m depth intervals, dissimilarity is due to differences in abundance, whereas the species composition is similar. Only when comparing the lowest (0-10 m) and deepest depth interval (50-60 m), a significant difference was seen in species composition, where the species *Oligochaeta* (indet.), *Mytilus* spp, *Bathyporeia pilosa*, *Hediste diversicolor* and *Gammarus* sp. together explained 71% of the dissimilarity. All these species had a high abundance at 0-10 m depth but none of these species, except for *Mytilus* spp. (though in very low abundance), were present at 50-60 m depth.

The subareas differed in depth (both within and between areas), where e.g. INV stations occur deeper than e.g. SPA, and stations in OWF2 deeper than in OWF1, and stations in the CC area having a wide range of depths (see Figure 4-2 in the Technical report). Thus, it is tested whether depth is a factor that can describe similarities and dissimilarities in the composition and abundance of the infauna communities observed at the sampled stations. We chose to divide the samples/stations into 10-m depth intervals to avoid dividing data into too many groups/intervals, but still be able to see whether depth could describe the dissimilarities/similarities observed in the infauna communities. Thus, it is likely that infauna communities sampled at adjacent depth intervals (e.g., 10-20 and 20-30 m depth), are more similar than between non-adjacent depth intervals (e.g. 10-20 m and 30-40 m depth). Furthermore, as the sediment type (ST) at one depth in one area can differ from the ST at the same depth in another area, this can result in low similarities in the infauna community within a depth interval. Unfortunately, we are not able to test the effect of ST on the composition and abundance of the infauna communities, as the sediment composition was assessed from ROV video of the seabed. Experience (see (Energinet, 2023)) shows that analysis of infauna as a function of sediment type would require detailed grain size analyses of the infauna sediment samples.

The MDS plot below (Figure 5) is without the three stations INV_023, 046 and 047 (see above for explanation), but the three stations are included in the statistical tests conducted and explained in the following.

From the MDS plot it is evident that there is a grouping of stations from depth intervals ranging from 0-10 to 50-60 m, though still with some overlap between adjacent depth intervals. There was a significant difference in abundance and composition of the infauna communities between depth intervals (ANOSIM, $p=0.001$), though with low strength of the analysis ($R=0.36$). Pairwise tests between each of the depth intervals showed that the infauna communities were significantly different from each other, except infauna communities between 40-50 and 50-60 m depth ($p=0.541$; $R=-0.01$) and between 10-20 and 20-30 m depth ($p=0.055$; $R=0.056$). The low R-

values indicate that the strength of the separation is weak and therefore not relevant. Also, low R-values were observed between depth intervals that were significantly different – e.g., between 30-40 and 40-50 m depth ($p=0.02$; $R=0.089$), whereas the remaining pairwise comparisons were significantly different ($p=0.001$) with R-values ranging from 0.39 to 0.846 (i.e. from low to high R-values).

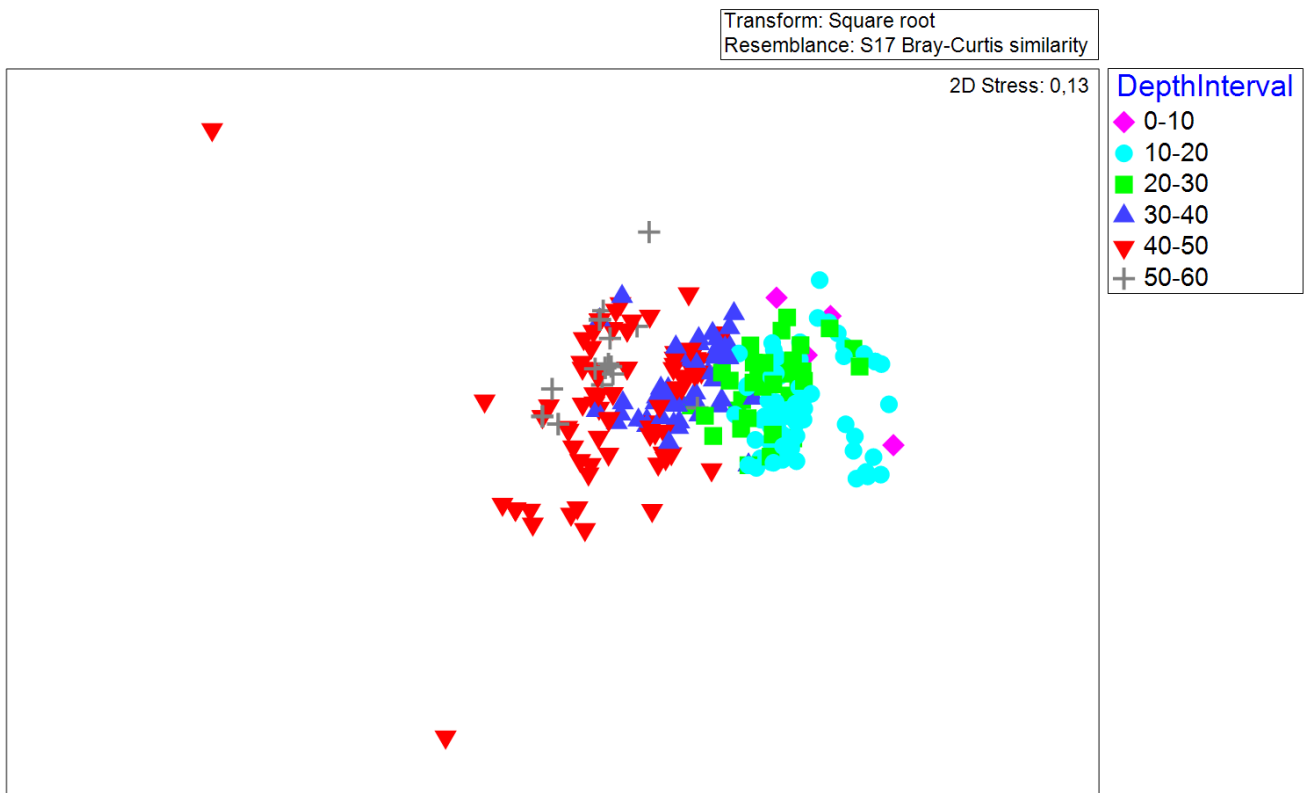


Figure 5. MDS plot for 10-m depth intervals - abundance. The MDS plot visually illustrates similarities and dissimilarities regarding infauna species composition and abundance within the pre-investigation area for Energy Island Bornholm in relation to depth. The Bray-Curtis Similarity Index displayed in the MDS plot is based on square-root transformed data from the species composition and abundance at six different 10-m depth intervals. The three outlier stations are excluded. If two stations (samples) are similar, they will be in the same position in the plot.

A SIMPER analysis was conducted to investigate similarities within and dissimilarities between depth intervals, respectively (Table 7). The analysis showed that similarities in infauna community abundance and composition between depth intervals ranged from 19-40%, where the lowest similarity between stations was observed at 0-10 m depth, likely due to very few stations/samples at this depth interval (4 stations, all in the CC area (CC_1-4)).

Dissimilarities in infauna community abundance and composition between depth intervals ranged from 68-100%. The dissimilarities observed between depth intervals were in most cases due to differences in species abundances occurring in the different depth intervals, and in general, the species explaining the dissimilarities observed in the pairwise comparison, were present in both pairwise compared depth intervals.

Only in the 0-10 and 50-60 m depth intervals, a difference in species composition was observed. Here a dissimilarity of 100% was observed between infauna communities occurring at 0-10 and 50-60 m depth, where *Oligochaeta* (indet.), *Bathyporeia pilosa*, *Mytilus* spp., *Hediste diversicolor* and *Gammarus* sp. together explained 71% of the dissimilarity. All these species had a high abundance at 0-10 m depth but none of these species except for *Mytilus* spp. (though in very low abundance) were present at 50-60 m depth.

Table 7. Comparison of 10-m depth intervals. Results from the SIMPER analysis listing similarities (blue cells) and dissimilarities (white cells) in abundance and composition of the infauna communities at different depth intervals for all stations sampled in the pre-investigation area for the Energy Island Bornholm. Average similarity (%) of the infauna communities within each of the six depth intervals (numbers in blue cells) and dissimilarity (%) of the infauna communities between each of the six depth intervals (white cells).

Depth interval (m)	0-10	10-20	20-30	30-40	40-50	50-60
0-10	19	82	83	91	98	100
10-20	82	33	68	83	94	99
20-30	83	68	37	75	91	96
30-40	91	83	75	37	77	80
40-50	98	94	91	77	23	75
50-60	100	99	96	80	75	40

STATISTICAL ANALYSES FOR SPECIES COMPOSITION AND BIOMASS

INITIAL COMPARISONS AND MERGING OF DATA

Multivariate statistical analyses were conducted for biomass data as well as for abundance (see above).

As seen for the abundance data, three outlier stations were situated in the edge/periphery of the MDS plot and removed to allow visualization of the remaining data (see Figure 2). MDS plots with OWF1 stations divided into B1N and B1S (Figure 6) and pooled into OWF1 stations were also conducted (Figure 7). As seen for abundance data, species composition and biomass of the samples in B1N and B1S were similar and, thus, merged into one subarea (=OWF1).

Overall, the patterns for the biomass data resembled that for the abundance data in the MDS plots. Generally, hard sediment type stations (SPA and CC) were grouped close together in the MDS plot, whereas the softer sediment (sand/mud/clay/silt) stations (OWF1, OWF2 and INV) were grouped close together (Figure 6 and Figure 7). These differences in biomasses between area with soft vs. hard sediment types are likely due to higher biomass of blue mussels at hard sediment stations than at soft bottom stations, and this is confirmed from the ROV video data (see section 5.5.1 – Epifauna/Blue mussels in the Technical report).

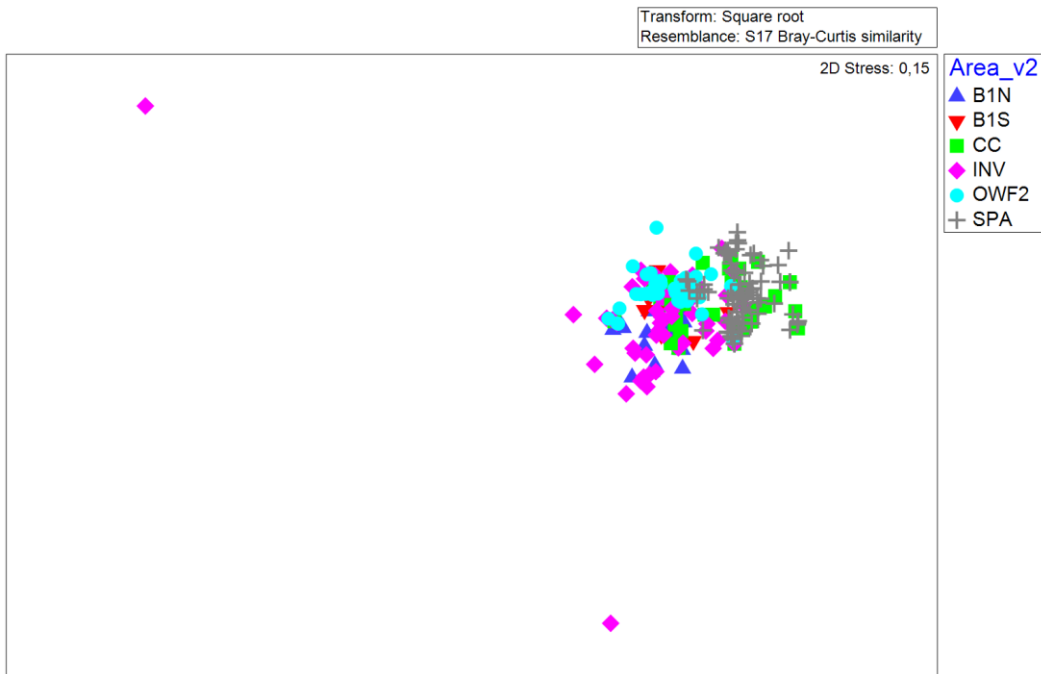


Figure 6. MDS plot for biomass in all subareas. The MDS plot visually illustrates similarities and dissimilarities regarding infauna species composition and biomass within the pre-investigation area for Energy Island Bornholm (B1N, B1S, CC, INV, OWF2 and SPA). The Bray-Curtis Similarity Index displayed in the MDS plot is based on square-root transformed data from the species composition and biomass. If two stations (samples) are similar, they will be in the same position in the plot.

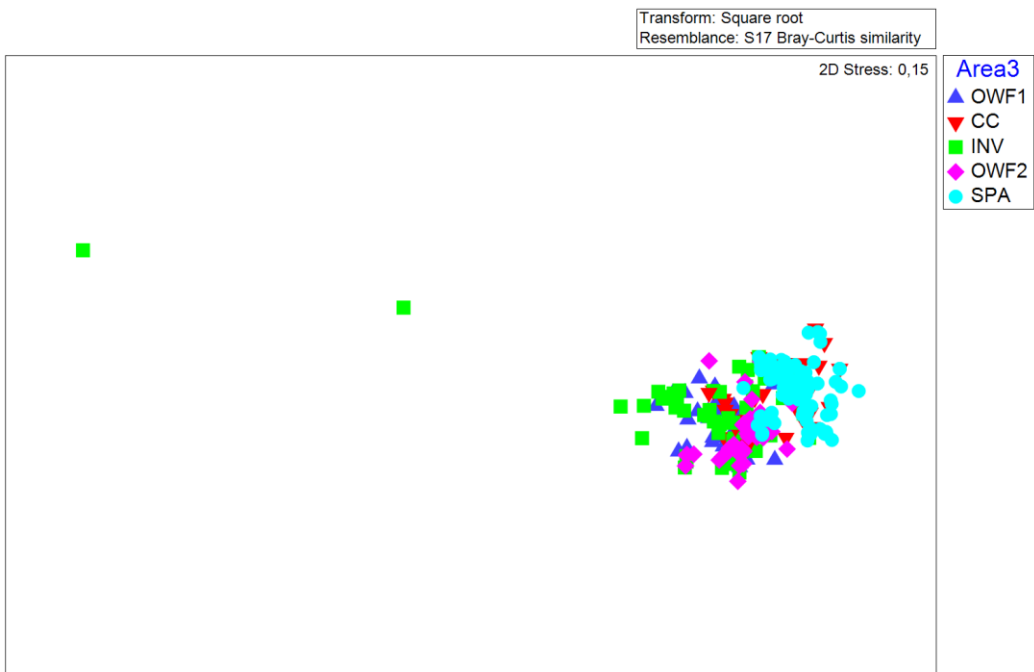


Figure 7. MDS plot of biomass without outliers. The MDS plot visually illustrates similarities and dissimilarities regarding infauna species composition and biomass within the pre-investigation area for Energy Island Bornholm (OWF1, CC, INV, OWF2 and SPA). The Bray-Curtis Similarity Index displayed in the MDS plot is based on square-root transformed data from the species composition and biomass. If two stations (samples) are similar, they will be in the same position in the plot.

DEPTH AS DETERMINING FACTOR

Infauna species composition and biomass within the pre-investigation area for Energy Island Bornholm were also tested in relation to depth. The MDS plot displays some grouping of infauna in relation to the different 10-

m depth intervals, and there was a gradient of the grouping from lowest depths (to the right in the plot) towards infauna communities at deeper depths (towards the left in the plot) (Figure 8), similar to what was observed for the abundance data (Figure 5). It is further evident that there are overlaps between adjacent depth intervals. In general, the shallower stations are located in the areas with hard substrate (SPA and INV), which, had higher coverage of blue mussels compared to the other areas (see section 5.5.1 – Epifauna/Blue mussels in the Technical report, Figure 5-33).

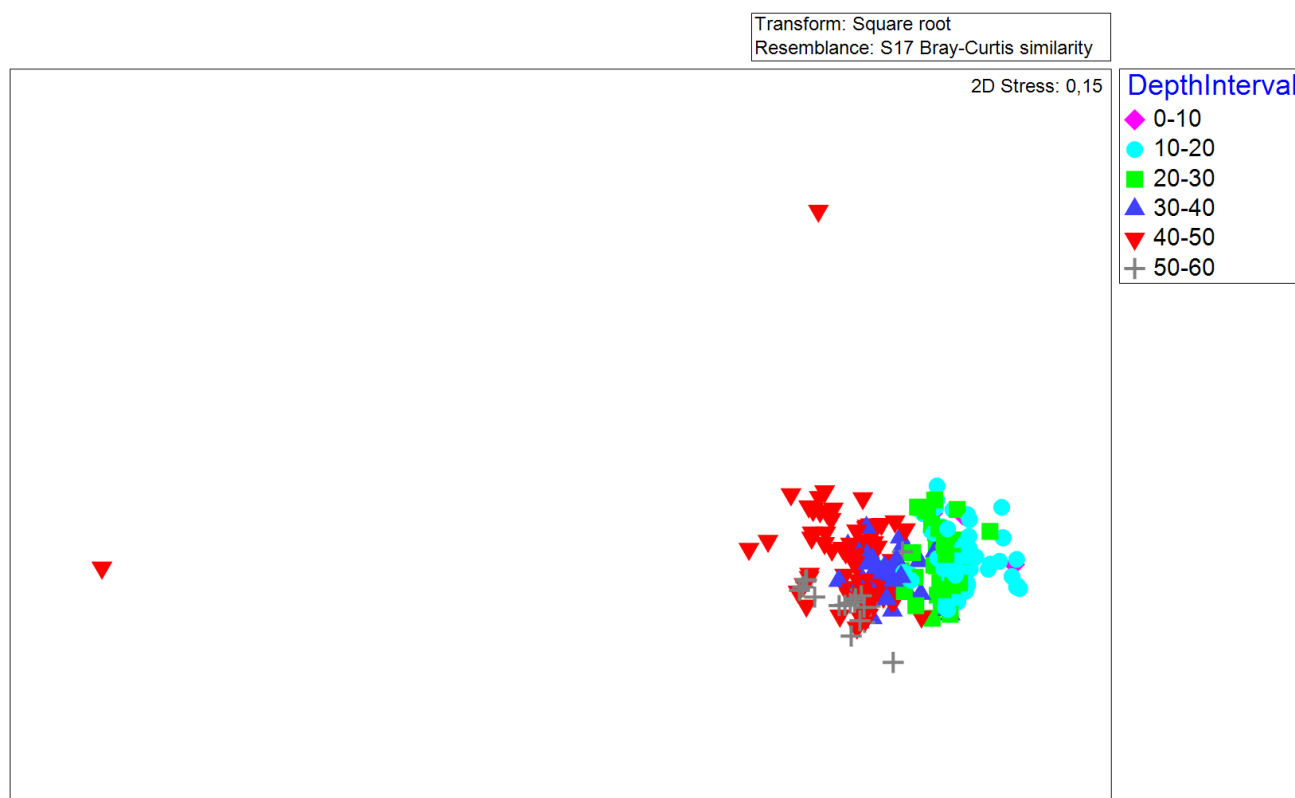


Figure 8. MDS plot for 10-m depth intervals - biomass. The MDS plot visually illustrates similarities and dissimilarities regarding infauna species composition and biomass within the pre-investigation area for Energy Island Bornholm in relation to depth. The Bray-Curtis Similarity Index displayed in the MDS plot is based on square-root transformed data from the species composition and biomass at six different 10-m depth intervals. If two stations (samples) are similar, they will be in the same position in the plot.

SUMMARY OF RESULTS

In summary, comparison between species and abundances/biomasses at stations in the pre-investigation area for Energy Island Bornholm (MDS plots in Figure 4 and Figure 7) showed that the infauna communities in the different subareas (CC, OWF1, OWF2, SPA, INV) were significantly different ($p < 0.01$). Furthermore, the MDS plots indicate that the infauna community biomass is different between the SPA/CC and OWF1/OWF2/INV areas, where the difference is caused by higher area coverage of hard sediment types and thus blue mussels (=high biomass) in the SPA/CC subareas and the other subareas being dominated by soft sediment types and thus lower coverage of blue mussels (=lower biomass). The associated SIMPER analyses show low similarities within each subarea, likely, caused by sampling within a large, varied, geographical area, and thus, large variance in sediment type and depth within each subarea. The dissimilarities observed between subareas were related to abundance/biomass differences between areas and not to species composition, as the species explaining the dissimilarities were generally the same in all the subareas.

It was evident that there were overlaps between composition and abundance/biomass of infauna communities in adjacent depth intervals (Figure 5 and Figure 8). The MDS plots furthermore indicate that there was a gradient

of the grouping from lowest depths towards infauna communities at deeper depths (from right towards left in the plot). A SIMPER analysis of similarities and dissimilarities between 10-m depth intervals between the subareas showed, that the highest dissimilarity of the infauna community composition and abundance/biomass was observed between samples taken at the 0-10 m and 50-60 m depth intervals. This difference in infauna communities between the shallowest (0-10 m) and deepest samples (50-60 m) were likely caused by i) differences in sediment type (hard substrate><soft sediment), ii) TOC content as TOC generally increases with depth and finally iii) more stations with moderate and significant oxygen deficiency at the deep soft sediment stations (sediment type 1a) (see section 5.1.2 in Technical report), which changes the living conditions for infauna between shallow and deep stations.

APPENDIX 7 – CTDO DATA

APPENDIX 7A – CTDO DATA

Station	Transect (TR)	Date	Time	Depth (m)	Barometric Pressure (mBar)	Partial Pressure Oxygen (Torr)	Specific Conductivity ($\mu\text{S/cm}$)	Actual Conductivity ($\mu\text{S/cm}$)	Pressure (mBar)	Salinity (PSU)	Temperature ($^{\circ}\text{C}$)	Dissolved Oxygen(%Sat)	Dissolved Oxygen (mg/l)
INV_007	TR1	03-11-2022	06:23	0.219	1017.83	144.81	13867.609	10465.418	2.696	8.011	12.155	91.77	10.08
INV_007	TR1	03-11-2022	06:23	1.752	1017.83	147.795	13867.609	10465.418	154.877	8.011	12.155	93.729	9.616
INV_007	TR1	03-11-2022	06:23	4.645	1017.83	141.602	13825.726	10472.449	442.101	7.987	12.302	89.814	9.186
INV_007	TR1	03-11-2022	06:23	7.865	1017.83	140.336	13861.119	10517.429	761.708	8.011	12.37	89.017	9.089
INV_007	TR1	03-11-2022	06:23	10.605	1017.83	139.167	13905.298	10531.327	1033.696	8.037	12.296	88.269	9.026
INV_007	TR1	03-11-2022	06:24	13.055	1017.83	138.532	13909.567	10530.032	1277.236	8.039	12.279	87.865	8.988
INV_007	TR1	03-11-2022	06:24	15.574	1017.83	138.327	13911.048	10532.166	1527.464	8.04	12.283	87.736	8.974
INV_007	TR1	03-11-2022	06:24	18.933	1017.83	137.513	13915.764	10514.999	1860.473	8.042	12.205	87.213	8.936
INV_007	TR1	03-11-2022	06:24	22.6	1017.83	130.616	13833.455	10073.467	2224.171	7.961	10.769	82.732	8.76
INV_007	TR1	03-11-2022	06:24	25.569	1017.83	110.877	13774.327	9569.197	2519.072	7.882	9.016	70.129	7.738
INV_007	TR1	03-11-2022	06:25	29.275	1017.83	104.763	14661.04	9838.581	2886.621	8.393	7.779	66.201	7.498
INV_007	TR1	03-11-2022	06:25	31.257	1017.83	96.721	15173.87	10268.388	3083.491	8.72	8.074	61.133	6.86
INV_007	TR1	03-11-2022	06:25	34.018	1017.83	91.325	15422.345	10481.204	3357.234	8.879	8.226	57.728	6.448
INV_007	TR1	03-11-2022	06:25	37.351	1017.83	87.903	16701.65	11665.707	3688.041	9.709	9.213	55.607	6.036
INV_007	TR1	03-11-2022	06:25	40.213	1017.83	86.139	17772.396	12795.066	3972.091	10.421	10.337	54.541	5.742
INV_007	TR1	03-11-2022	06:26	43.057	1017.83	81.585	31523.119	24309.84	4254.442	19.588	13.02	51.783	4.849
INV_007	TR1	03-11-2022	06:26	44.225	1017.83	69.868	31949.01	24686.561	4370.49	19.883	13.099	44.349	4.139
INV_007	TR1	03-11-2022	06:26	44.3	1017.83	67.138	31846.242	24695.844	4379.633	19.82	13.245	42.622	3.967
INV_007	TR1	03-11-2022	06:26	43.421	1017.83	66.577	31726.209	24656.902	4290.566	19.742	13.334	42.27	3.928
INV_007	TR1	03-11-2022	06:26	42.808	1017.83	66.475	31693.602	24640.342	4229.667	19.721	13.348	42.206	3.922
INV_007	TR1	03-11-2022	06:27	40.697	1017.83	66.707	31557.457	24574.836	4020.505	19.631	13.415	42.356	3.932
INV_007	TR1	03-11-2022	06:27	38.431	1017.83	78.529	17476.887	12736.071	3795.286	10.248	10.798	49.742	5.188
INV_007	TR1	03-11-2022	06:27	34.351	1017.83	82.071	16549.559	11673.75	3390.444	9.625	9.575	51.933	5.593
INV_007	TR1	03-11-2022	06:27	30.039	1017.83	85.566	15145.302	10361.92	2962.944	8.714	8.464	54.098	6.015
INV_007	TR1	03-11-2022	06:27	25.947	1017.83	92.623	14218.491	9457.452	2557.08	8.111	7.469	58.517	6.69

Station	Transect (TR)	Date	Time	Depth (m)	Barometric Pressure (mBar)	Partial Pressure Oxygen (Torr)	Specific Conductivity (µS/cm)	Actual Conductivity (µS/cm)	Pressure (mBar)	Salinity (PSU)	Temperature (°C)	Dissolved Oxygen(%Sat)	Dissolved Oxygen (mg/l)
INV_007	TR1	03-11-2022	06:28	20.742	1017.83	117.96	14037.121	10151.336	2040.296	8.081	10.507	74.699	7.951
INV_007	TR1	03-11-2022	06:28	16.227	1017.83	133.435	14014.901	10530.889	1591.799	8.099	11.985	84.609	8.709
INV_007	TR1	03-11-2022	06:28	11.708	1017.83	137.394	13982.732	10543.321	1143.499	8.082	12.122	87.13	8.942
INV_007	TR1	03-11-2022	06:28	6.935	1017.83	138.453	13883.729	10515.316	669.32	8.024	12.298	87.816	8.981
INV_007	TR1	03-11-2022	06:28	1.86	1017.83	139.101	13871.467	10514.156	165.648	8.016	12.328	88.23	9.017
INV_007	TR1	03-11-2022	06:29	0.157	1017.83	137.892	59.366	44.654	-3.302	0.027	12.025	87.438	9.459
INV_016	TR1	03-11-2022	06:53	0.193	1017.83	146.24	12184.239	9143.607	0.155	6.965	11.934	92.676	10.18
INV_016	TR1	03-11-2022	06:53	0.888	1017.83	151.983	12184.239	9143.607	69.378	6.965	11.934	96.366	10
INV_016	TR1	03-11-2022	06:53	4.822	1017.83	144.126	13844.812	10619.601	459.549	8.009	12.803	91.458	9.25
INV_016	TR1	03-11-2022	06:53	8.571	1017.83	142.997	13824.829	10624.287	831.673	7.997	12.879	90.749	9.164
INV_016	TR1	03-11-2022	06:54	12.247	1017.83	142.542	13819.674	10630.408	1196.468	7.995	12.917	90.463	9.127
INV_016	TR1	03-11-2022	06:54	15.507	1017.83	142.426	13811.141	10630.102	1520.078	7.99	12.941	90.392	9.116
INV_016	TR1	03-11-2022	06:54	19.271	1017.83	142.03	13813.586	10627.201	1893.665	7.991	12.923	90.139	9.094
INV_016	TR1	03-11-2022	06:54	22.829	1017.83	140.988	13828.983	10619.715	2246.774	8	12.85	89.471	9.04
INV_016	TR1	03-11-2022	06:54	26.611	1017.83	118.636	13914.373	9706.648	2622.045	7.973	9.167	75.046	8.246
INV_016	TR1	03-11-2022	06:55	30.43	1017.83	106.08	14590.999	9913.643	3001.078	8.363	8.217	67.055	7.517
INV_016	TR1	03-11-2022	06:55	34.312	1017.83	95.201	15735.625	10821.462	3386.267	9.087	8.649	60.198	6.648
INV_016	TR1	03-11-2022	06:55	37.882	1017.83	103.793	17709.27	13549.397	3740.566	10.447	12.702	65.858	6.575
INV_016	TR1	03-11-2022	06:55	41.343	1017.83	102.026	24496.73	19154.045	4084.012	14.891	13.581	64.793	6.173
INV_016	TR1	03-11-2022	06:55	44.881	1017.83	75.325	31581.475	24542.008	4435.136	19.644	13.33	47.824	4.448
INV_016	TR1	03-11-2022	06:56	44.64	1017.83	69.525	31620.01	24571.848	4411.286	19.67	13.33	44.142	4.105
INV_016	TR1	03-11-2022	06:56	41.889	1017.83	67.556	30966.164	24100.102	4138.222	19.227	13.391	42.894	3.994
INV_016	TR1	03-11-2022	06:56	37.729	1017.83	81.799	20051.693	15731.236	3725.551	11.98	13.719	51.955	5.025
INV_016	TR1	03-11-2022	06:56	33.881	1017.83	92.393	15677.866	11656.155	3343.462	9.132	11.57	58.563	6.045
INV_016	TR1	03-11-2022	06:56	29.383	1017.83	88.592	14785.635	10155.112	2897.078	8.495	8.603	56.017	6.216

Station	Transect (TR)	Date	Time	Depth (m)	Barometric Pressure (mBar)	Partial Pressure Oxygen (Torr)	Specific Conductivity ($\mu\text{S/cm}$)	Actual Conductivity ($\mu\text{S/cm}$)	Pressure (mBar)	Salinity (PSU)	Temperature ($^{\circ}\text{C}$)	Dissolved Oxygen(%Sat)	Dissolved Oxygen (mg/l)
INV_016	TR1	03-11-2022	06:57	23.712	1017.83	108.239	14467.534	10272.048	2334.924	8.332	9.817	68.504	7.397
INV_016	TR1	03-11-2022	06:57	19.513	1017.83	131.423	13904.582	10630.835	1917.721	8.044	12.673	83.387	8.456
INV_016	TR1	03-11-2022	06:57	14.176	1017.83	139.161	13861.788	10635.37	1388.085	8.019	12.814	88.309	8.929
INV_016	TR1	03-11-2022	06:57	8.64	1017.83	141.53	13835.004	10636.622	838.85	8.004	12.896	89.82	9.066
INV_016	TR1	03-11-2022	06:57	2.983	1017.83	142.291	13817.264	10631.023	278.754	7.994	12.927	90.305	9.109
INV_016	TR1	03-11-2022	06:58	0.168	1017.83	140.085	92.041	70.4	-2.257	0.043	12.69	88.884	9.471
INV_021	TR1	03-11-2022	07:14	0.227	1017.83	145.636	13905.994	10667.704	3.531	8.047	12.808	92.269	10.21
INV_021	TR1	03-11-2022	07:14	1.817	1017.83	147.637	13905.994	10667.704	163.077	8.047	12.808	93.687	9.472
INV_021	TR1	03-11-2022	07:15	5.542	1017.83	143.845	13835.195	10644.521	531.768	8.005	12.926	91.291	9.208
INV_021	TR1	03-11-2022	07:15	9.435	1017.83	143.163	13820.686	10642.5	917.655	7.996	12.96	90.861	9.159
INV_021	TR1	03-11-2022	07:15	12.919	1017.83	142.839	13818.823	10648.584	1263.252	7.996	12.989	90.658	9.133
INV_021	TR1	03-11-2022	07:15	16.282	1017.83	142.673	13809.789	10641.469	1596.98	7.99	12.988	90.553	9.122
INV_021	TR1	03-11-2022	07:15	20.251	1017.83	142.768	13819.959	10654.1	1990.817	7.997	13.006	90.615	9.125
INV_021	TR1	03-11-2022	07:16	23.143	1017.83	141.723	14049.913	10868.163	2277.916	8.143	13.143	89.964	9.024
INV_021	TR1	03-11-2022	07:16	26.669	1017.83	122.107	14882.18	11174.458	2627.832	8.641	11.956	77.424	7.947
INV_021	TR1	03-11-2022	07:16	29.746	1017.83	101.478	15532.122	10731.926	2933.194	8.966	8.819	64.175	7.064
INV_021	TR1	03-11-2022	07:16	33.907	1017.83	89.964	16135.574	11251.281	3346.281	9.353	9.152	56.908	6.2
INV_021	TR1	03-11-2022	07:16	37.575	1017.83	87.926	17504.467	12592.355	3710.239	10.25	10.308	55.67	5.871
INV_021	TR1	03-11-2022	07:17	41.435	1017.83	92.264	24682.902	19450.678	4093.147	15.025	13.902	58.612	5.542
INV_021	TR1	03-11-2022	07:17	45.193	1017.83	76.167	30459.277	23835.021	4466.073	18.893	13.614	48.373	4.493
INV_021	TR1	03-11-2022	07:17	44.706	1017.83	72.148	30434.736	23834.676	4417.832	18.878	13.646	45.821	4.253
INV_021	TR1	03-11-2022	07:17	41.916	1017.83	71.149	30265.455	23756.453	4140.908	18.767	13.74	45.191	4.189
INV_021	TR1	03-11-2022	07:17	37.879	1017.83	83.473	20828.563	16448.957	3740.199	12.493	13.991	53.033	5.084
INV_021	TR1	03-11-2022	07:18	33.499	1017.83	83.915	16615.816	12075.388	3305.648	9.7	10.693	53.149	5.576
INV_021	TR1	03-11-2022	07:18	29.058	1017.83	84.023	15734.046	10956.802	2864.927	9.1	9.103	53.148	5.806

Station	Transect (TR)	Date	Time	Depth (m)	Barometric Pressure (mBar)	Partial Pressure Oxygen (Torr)	Specific Conductivity (µS/cm)	Actual Conductivity (µS/cm)	Pressure (mBar)	Salinity (PSU)	Temperature (°C)	Dissolved Oxygen(%Sat)	Dissolved Oxygen (mg/l)
INV_021	TR1	03-11-2022	07:18	24.126	1017.83	102.812	15371.144	11434.16	2375.415	8.939	11.59	65.168	6.732
INV_021	TR1	03-11-2022	07:18	18.869	1017.83	128.806	13892.213	10663.255	1854.12	8.039	12.831	81.739	8.26
INV_021	TR1	03-11-2022	07:18	14.431	1017.83	139.133	13841.994	10644.08	1413.233	8.009	12.904	88.299	8.911
INV_021	TR1	03-11-2022	07:19	9.28	1017.83	141.76	13826.511	10642.235	902.196	8	12.942	89.969	9.072
INV_021	TR1	03-11-2022	07:19	3.495	1017.83	142.504	13818.891	10641.912	328.045	7.995	12.963	90.443	9.116
INV_021	TR1	03-11-2022	07:19	0.164	1017.83	141.096	109.269	83.912	-2.58	0.051	12.85	89.54	9.506
INV_029	TR1	03-11-2022	07:42	0.216	1017.83	155.373	13936.087	10718.947	2.488	8.067	12.914	98.443	10.87
INV_029	TR1	03-11-2022	07:42	4.662	1017.83	146.406	13936.087	10718.947	443.681	8.067	12.914	92.915	9.371
INV_029	TR1	03-11-2022	07:42	8.493	1017.83	144.613	13904.755	10726.794	824.153	8.05	13.034	91.789	9.234
INV_029	TR1	03-11-2022	07:42	12.782	1017.83	144.169	13905.556	10737.754	1249.568	8.051	13.073	91.51	9.198
INV_029	TR1	03-11-2022	07:42	16.779	1017.83	143.886	13908.799	10737.081	1646.219	8.053	13.061	91.329	9.182
INV_029	TR1	03-11-2022	07:42	20.01	1017.83	143.602	13914.549	10747.869	1966.933	8.057	13.085	91.151	9.159
INV_029	TR1	03-11-2022	07:43	23.584	1017.83	141.078	14410.739	11168.334	2321.669	8.37	13.22	89.561	8.956
INV_029	TR1	03-11-2022	07:43	27.023	1017.83	132.791	15098.065	11752.15	2662.871	8.805	13.397	84.315	8.376
INV_029	TR1	03-11-2022	07:43	30.82	1017.83	124.332	16169.093	12598.411	3039.694	9.483	13.438	78.947	7.803
INV_029	TR1	03-11-2022	07:43	34.265	1017.83	107.983	18515.611	14155.688	3381.766	10.962	12.672	68.515	6.823
INV_029	TR1	03-11-2022	07:43	37.896	1017.83	97.686	23722.1	18856.008	3741.91	14.4	14.26	62.08	5.848
INV_029	TR1	03-11-2022	07:44	41.329	1017.83	76.05	24733.699	19798.086	4082.589	15.08	14.552	48.345	4.507
INV_029	TR1	03-11-2022	07:44	43.776	1017.83	65.409	26327.201	21127.949	4326.562	16.146	14.66	41.586	3.843
INV_029	TR1	03-11-2022	07:44	42.084	1017.83	61.186	26327.234	21148.168	4157.75	16.148	14.701	38.903	3.592
INV_029	TR1	03-11-2022	07:44	38.419	1017.83	66.533	24281.551	19465.867	3793.91	14.781	14.616	42.298	3.945
INV_029	TR1	03-11-2022	07:44	33.822	1017.83	81.78	20498.744	16265.984	3337.91	12.283	14.189	51.968	4.967
INV_029	TR1	03-11-2022	07:45	29.889	1017.83	100.212	16526.363	12931.054	2947.467	9.713	13.61	63.643	6.258
INV_029	TR1	03-11-2022	07:45	25.168	1017.83	116.761	15219.897	11869.323	2478.852	8.883	13.474	74.142	7.349
INV_029	TR1	03-11-2022	07:45	20.842	1017.83	128.52	14165.185	10979.683	2049.793	8.216	13.226	81.589	8.165

Station	Transect (TR)	Date	Time	Depth (m)	Barometric Pressure (mBar)	Partial Pressure Oxygen (Torr)	Specific Conductivity (µS/cm)	Actual Conductivity (µS/cm)	Pressure (mBar)	Salinity (PSU)	Temperature (°C)	Dissolved Oxygen(%Sat)	Dissolved Oxygen (mg/l)
INV_029	TR1	03-11-2022	07:45	15.764	1017.83	139.569	13898.027	10742.55	1545.672	8.047	13.113	88.593	8.897
INV_029	TR1	03-11-2022	07:45	11.326	1017.83	142.632	13899.689	10739.425	1105.281	8.048	13.096	90.536	9.096
INV_029	TR1	03-11-2022	07:46	6.099	1017.83	143.815	13902.476	10738.161	586.284	8.049	13.083	91.286	9.174
INV_029	TR1	03-11-2022	07:46	1.634	1017.83	144.037	13908.748	10741.48	143.179	8.053	13.078	91.427	9.189
INV_029	TR1	03-11-2022	07:46	0.179	1017.83	141.281	35.578	27.3	-1.05	0.015	12.817	89.654	9.528
INV_031	TR1	03-11-2022	08:06	0.194	1017.83	146.703	13915.121	10720.706	0.482	8.056	12.981	92.938	10.3
INV_031	TR1	03-11-2022	08:06	4.456	1017.83	146.696	13915.121	10720.706	423.587	8.056	12.981	93.105	9.377
INV_031	TR1	03-11-2022	08:06	9.864	1017.83	144.452	13914.759	10743.88	959.976	8.057	13.069	91.689	9.217
INV_031	TR1	03-11-2022	08:06	14.972	1017.83	144.002	13918.594	10757.712	1466.894	8.06	13.11	91.407	9.18
INV_031	TR1	03-11-2022	08:06	18.994	1017.83	143.765	13958.466	10793.788	1866.046	8.085	13.13	91.259	9.16
INV_031	TR1	03-11-2022	08:07	23.301	1017.83	143.591	14009.959	10844.591	2293.497	8.118	13.171	91.152	9.139
INV_031	TR1	03-11-2022	08:07	27.392	1017.83	141.967	14752.722	11436.429	2699.463	8.585	13.231	90.126	8.998
INV_031	TR1	03-11-2022	08:07	27.804	1017.83	125.198	16696.758	13005.229	2740.395	9.818	13.424	79.496	7.843
INV_031	TR1	03-11-2022	08:07	27.424	1017.83	125.179	15820.586	12306.13	2702.811	9.261	13.369	79.479	7.878
INV_031	TR1	03-11-2022	08:07	23.74	1017.83	128.816	14156.552	10986.676	2337.126	8.212	13.277	81.781	8.176
INV_031	TR1	03-11-2022	08:08	18.765	1017.83	139.852	13948.789	10804.874	1843.573	8.08	13.199	88.781	8.898
INV_031	TR1	03-11-2022	08:08	12.864	1017.83	142.886	13898.066	10755.247	1258.328	8.048	13.161	90.703	9.1
INV_031	TR1	03-11-2022	08:08	7.483	1017.83	143.658	13884.971	10740.311	723.662	8.04	13.142	91.192	9.153
INV_031	TR1	03-11-2022	08:08	1.51	1017.83	143.867	13881.385	10735.013	130.802	8.037	13.133	91.323	9.168
INV_031	TR1	03-11-2022	08:08	0.177	1017.83	141.129	51.257	39.258	-1.275	0.023	12.744	89.552	9.532
SPA_011	TR1	03-11-2022	08:25	0.199	1017.83	145.428	13713.238	10548.546	0.888	7.929	12.917	92.122	10.24
SPA_011	TR1	03-11-2022	08:25	3.586	1017.83	146.509	13713.238	10548.546	337.084	7.929	12.917	92.981	9.385
SPA_011	TR1	03-11-2022	08:25	7.673	1017.83	144.286	13684.209	10550.679	742.835	7.912	13.011	91.579	9.226
SPA_011	TR1	03-11-2022	08:25	12.341	1017.83	143.949	13678.916	10554.782	1205.826	7.909	13.042	91.367	9.198
SPA_011	TR1	03-11-2022	08:25	16.379	1017.83	143.544	13690.734	10566.537	1606.541	7.917	13.052	91.111	9.17

Station	Transect (TR)	Date	Time	Depth (m)	Barometric Pressure (mBar)	Partial Pressure Oxygen (Torr)	Specific Conductivity (µS/cm)	Actual Conductivity (µS/cm)	Pressure (mBar)	Salinity (PSU)	Temperature (°C)	Dissolved Oxygen(%Sat)	Dissolved Oxygen (mg/l)
SPA_011	TR1	03-11-2022	08:25	17.645	1017.83	142.914	13682.761	10572.181	1732.395	7.913	13.098	90.716	9.121
SPA_011	TR1	03-11-2022	08:26	18.372	1017.83	142.762	13682.488	10571.473	1804.379	7.912	13.096	90.619	9.112
SPA_011	TR1	03-11-2022	08:26	17.956	1017.83	142.411	13684.305	10580.556	1763.449	7.914	13.125	90.398	9.084
SPA_011	TR1	03-11-2022	08:26	15.471	1017.83	142.685	13664.74	10561.812	1516.682	7.902	13.111	90.571	9.105
SPA_011	TR1	03-11-2022	08:26	10.532	1017.83	143.46	13662.02	10553.075	1026.371	7.899	13.086	91.061	9.159
SPA_011	TR1	03-11-2022	08:26	4.452	1017.83	143.887	13660.283	10550.392	422.95	7.898	13.081	91.332	9.187
SPA_011	TR1	03-11-2022	08:27	0.19	1017.83	143.511	144.704	111.712	-0.178	0.068	13.063	91.091	9.624
SPA_014	TR1	03-11-2022	08:49	0.211	1017.83	144.608	13512.809	10386.441	3.257	7.803	12.887	91.623	10.12
SPA_014	TR1	03-11-2022	08:49	5.98	1017.83	145.134	13512.809	10386.441	574.545	7.803	12.887	92.106	9.31
SPA_014	TR1	03-11-2022	08:49	11.497	1017.83	142.502	13491.872	10384.905	1121.935	7.791	12.943	90.44	9.131
SPA_014	TR1	03-11-2022	08:49	13.652	1017.83	141.803	13479.528	10385.311	1336.009	7.784	12.982	90	9.08
SPA_014	TR1	03-11-2022	08:49	13.033	1017.83	141.504	13454.767	10382.821	1274.84	7.77	13.046	89.816	9.049
SPA_014	TR1	03-11-2022	08:49	12.105	1017.83	141.711	13455.8	10383.708	1182.472	7.77	13.047	89.947	9.062
SPA_014	TR1	03-11-2022	08:50	7.359	1017.83	142.067	13453.411	10380.608	711.346	7.769	13.042	90.173	9.086
SPA_014	TR1	03-11-2022	08:50	2.455	1017.83	142.196	13448.975	10379.014	224.618	7.766	13.049	90.256	9.093
SPA_014	TR1	03-11-2022	08:50	0.174	1017.83	138.472	246.168	188.177	-1.485	0.117	12.666	87.859	9.363
SPA_025	TR1	03-11-2022	09:16	0.206	1017.83	144.513	13470.31	10363.281	1.936	7.777	12.924	91.555	10.14
SPA_025	TR1	03-11-2022	09:16	5.438	1017.83	145.218	13470.31	10363.281	520.734	7.777	12.924	92.162	9.31
SPA_025	TR1	03-11-2022	09:16	9.972	1017.83	142.995	13455.664	10374.736	970.67	7.77	13.012	90.759	9.151
SPA_025	TR1	03-11-2022	09:16	14.288	1017.83	142.462	13449.8	10377.867	1398.981	7.766	13.042	90.424	9.111
SPA_025	TR1	03-11-2022	09:16	13.988	1017.83	142.53	13448.961	10379.617	1369.351	7.766	13.051	90.467	9.114
SPA_025	TR1	03-11-2022	09:17	14.217	1017.83	142.42	13443.774	10379.472	1392.24	7.763	13.066	90.399	9.104
SPA_025	TR1	03-11-2022	09:17	11.692	1017.83	142.282	13440.439	10379.384	1141.986	7.761	13.076	90.312	9.094
SPA_025	TR1	03-11-2022	09:17	6.104	1017.83	142.706	13439.957	10378.979	588.01	7.761	13.076	90.582	9.121
SPA_025	TR1	03-11-2022	09:17	1.639	1017.83	142.722	13435.934	10376.205	144.212	7.758	13.077	90.592	9.122

Station	Transect (TR)	Date	Time	Depth (m)	Barometric Pressure (mBar)	Partial Pressure Oxygen (Torr)	Specific Conductivity (µS/cm)	Actual Conductivity (µS/cm)	Pressure (mBar)	Salinity (PSU)	Temperature (°C)	Dissolved Oxygen(%Sat)	Dissolved Oxygen (mg/l)
SPA_025	TR1	03-11-2022	09:17	0.214	1017.83	140.152	44.5	34.074	2.302	0.02	12.734	88.931	9.468
SPA_023	TR1	03-11-2022	09:48	0.239	1017.83	144.684	13524.76	10390.89	4.846	7.81	12.868	91.701	10.04
SPA_023	TR1	03-11-2022	09:48	2.854	1017.83	146.964	13524.76	10390.89	264.235	7.81	12.868	93.265	9.431
SPA_023	TR1	03-11-2022	09:48	5.636	1017.83	143.656	13492.457	10385.492	540.367	7.791	12.944	91.173	9.205
SPA_023	TR1	03-11-2022	09:48	10.605	1017.83	143.068	13486.598	10389.396	1033.615	7.788	12.976	90.802	9.161
SPA_023	TR1	03-11-2022	09:48	14.197	1017.83	142.683	13483.762	10390.74	1390.115	7.787	12.99	90.559	9.134
SPA_023	TR1	03-11-2022	09:49	18.064	1017.83	142.61	13488.813	10397.227	1773.896	7.79	13	90.514	9.127
SPA_023	TR1	03-11-2022	09:49	21.58	1017.83	142.413	13510.345	10420.041	2122.72	7.804	13.024	90.391	9.109
SPA_023	TR1	03-11-2022	09:49	25.377	1017.83	142.431	13547.958	10459	2499.736	7.828	13.063	90.406	9.102
SPA_023	TR1	03-11-2022	09:49	29.308	1017.83	139.097	13533.785	10428.016	2889.686	7.818	12.985	88.283	8.904
SPA_023	TR1	03-11-2022	09:49	29.96	1017.83	115.516	13346.993	9372.374	2954.44	7.629	9.409	73.086	8.003
SPA_023	TR1	03-11-2022	09:50	30.473	1017.83	114.407	13686.036	9800.926	3005.399	7.855	10.137	72.427	7.786
SPA_023	TR1	03-11-2022	09:50	31.012	1017.83	106.273	13580.892	9314.991	3061.223	7.751	8.554	67.194	7.502
SPA_023	TR1	03-11-2022	09:50	30.871	1017.83	106.674	13626.872	9287.915	3045.197	7.773	8.329	67.436	7.568
SPA_023	TR1	03-11-2022	09:50	27.528	1017.83	117.813	13967.39	10333.02	2713.219	8.057	11.377	74.662	7.793
SPA_023	TR1	03-11-2022	09:50	22.256	1017.83	136.86	13656.521	10465.228	2189.871	7.89	12.765	86.845	8.797
SPA_023	TR1	03-11-2022	09:51	15.409	1017.83	140.839	13557.937	10411.885	1510.277	7.831	12.851	89.377	9.04
SPA_023	TR1	03-11-2022	09:51	8.992	1017.83	142.189	13521.56	10395.091	873.39	7.809	12.894	90.238	9.12
SPA_023	TR1	03-11-2022	09:51	2.385	1017.83	142.799	13500.417	10392.782	217.729	7.796	12.948	90.629	9.149
SPA_023	TR1	03-11-2022	09:51	0.201	1017.83	140.387	45.33	34.658	1.097	0.02	12.675	89.075	9.496
INV_x1	TR1	03-11-2022	10:10	0.227	1017.83	145.34	13199.908	10158.368	3.587	7.609	12.936	92.127	10.06
INV_x1	TR1	03-11-2022	10:10	4.814	1017.83	146.508	13199.908	10158.368	458.836	7.609	12.936	92.982	9.4
INV_x1	TR1	03-11-2022	10:11	8.654	1017.83	143.895	13183.963	10167.929	840.024	7.601	13.023	91.332	9.216
INV_x1	TR1	03-11-2022	10:11	13.565	1017.83	143.336	13203.334	10189.849	1327.261	7.613	13.05	90.979	9.174
INV_x1	TR1	03-11-2022	10:11	16.502	1017.83	143.226	13279.378	10244.222	1618.792	7.66	13.033	90.908	9.168

Station	Transect (TR)	Date	Time	Depth (m)	Barometric Pressure (mBar)	Partial Pressure Oxygen (Torr)	Specific Conductivity (μS/cm)	Actual Conductivity (μS/cm)	Pressure (mBar)	Salinity (PSU)	Temperature (°C)	Dissolved Oxygen(%Sat)	Dissolved Oxygen (mg/l)
INV_x1	TR1	03-11-2022	10:11	20.186	1017.83	143.295	13344.338	10294.082	1984.305	7.701	13.032	90.952	9.17
INV_x1	TR1	03-11-2022	10:11	22.99	1017.83	143.505	13418.188	10355.705	2262.671	7.747	13.051	91.087	9.177
INV_x1	TR1	03-11-2022	10:12	28.072	1017.83	143.296	13467.854	10393.938	2766.916	7.778	13.05	90.954	9.162
INV_x1	TR1	03-11-2022	10:12	31.532	1017.83	143.086	13476.221	10397.292	3110.343	7.783	13.038	90.819	9.151
INV_x1	TR1	03-11-2022	10:12	35.092	1017.83	116.581	13153.293	9027.213	3463.648	7.489	8.576	73.713	8.239
INV_x1	TR1	03-11-2022	10:12	39.517	1017.83	100.222	14382.839	9575.805	3902.813	8.213	7.502	63.32	7.228
INV_x1	TR1	03-11-2022	10:12	42.213	1017.83	82.46	17231.879	11674.875	4170.363	10.004	8.116	52.12	5.795
INV_x1	TR1	03-11-2022	10:13	41.212	1017.83	75.266	17005.645	11485.195	4071.583	9.858	8.004	47.569	5.308
INV_x1	TR1	03-11-2022	10:13	38.366	1017.83	73.612	16009.983	10746.979	3788.646	9.229	7.789	46.517	5.239
INV_x1	TR1	03-11-2022	10:13	33.801	1017.83	94.914	14132.508	9443.19	3335.535	8.063	7.628	59.971	6.832
INV_x1	TR1	03-11-2022	10:13	27.116	1017.83	128.233	13669.556	10401.653	2672.078	7.894	12.484	81.348	8.292
INV_x1	TR1	03-11-2022	10:13	21.443	1017.83	139.406	13508.406	10347.265	2109.175	7.798	12.748	88.459	8.969
INV_x1	TR1	03-11-2022	10:14	15.708	1017.83	142.381	13348.502	10254.608	1540.056	7.7	12.865	90.356	9.144
INV_x1	TR1	03-11-2022	10:14	8.335	1017.83	143.076	13216.433	10172.572	808.219	7.62	12.942	90.805	9.178
INV_x1	TR1	03-11-2022	10:14	2.259	1017.83	143.368	13179.405	10159.436	205.186	7.598	13.003	90.995	9.186
INV_x1	TR1	03-11-2022	10:14	0.185	1017.83	140.166	51.551	39.445	0.19	0.023	12.705	88.938	9.475
INV_025	TR2	03-11-2022	05:32	0.177	1017.83	144.614	13809.075	10582.583	-1.461	7.986	12.767	91.63	10.11
INV_025	TR2	03-11-2022	05:32	4.209	1017.83	148.198	13809.075	10582.583	398.834	7.986	12.767	94.039	9.52
INV_025	TR2	03-11-2022	05:32	10.059	1017.83	144.565	13766.903	10595.313	979.291	7.962	12.938	91.749	9.255
INV_025	TR2	03-11-2022	05:33	15.975	1017.83	144.072	13758.095	10597.024	1566.454	7.957	12.971	91.439	9.217
INV_025	TR2	03-11-2022	05:33	21.64	1017.83	144.185	13770.749	10611.735	2128.648	7.966	12.99	91.513	9.22
INV_025	TR2	03-11-2022	05:33	27.18	1017.83	140.481	14316.351	11106.741	2678.46	8.311	13.262	89.185	8.913
INV_025	TR2	03-11-2022	05:33	32.272	1017.83	129.327	15659.202	12166.174	3183.794	9.158	13.321	82.109	8.152
INV_025	TR2	03-11-2022	05:33	37.59	1017.83	121.32	19165.723	14986.662	3711.525	11.404	13.584	77.046	7.501
INV_025	TR2	03-11-2022	05:34	42.61	1017.83	107.174	24049.342	19181.459	4209.737	14.621	14.402	68.12	6.389

Station	Transect (TR)	Date	Time	Depth (m)	Barometric Pressure (mBar)	Partial Pressure Oxygen (Torr)	Specific Conductivity (µS/cm)	Actual Conductivity (µS/cm)	Pressure (mBar)	Salinity (PSU)	Temperature (°C)	Dissolved Oxygen(%Sat)	Dissolved Oxygen (mg/l)
INV_025	TR2	03-11-2022	05:34	47.236	1017.83	80.272	31558.768	24704.938	4681.361	19.643	13.629	50.98	4.711
INV_025	TR2	03-11-2022	05:34	46.304	1017.83	61.988	31599.043	24687.559	4576.42	19.666	13.548	39.365	3.644
INV_025	TR2	03-11-2022	05:34	45.873	1017.83	55.774	31633.113	24701.188	4533.635	19.688	13.527	35.418	3.279
INV_025	TR2	03-11-2022	05:34	42.328	1017.83	62.333	29347.148	23097.535	4181.821	18.149	13.851	39.596	3.676
INV_025	TR2	03-11-2022	05:35	36.726	1017.83	91.273	20777.578	16354.418	3625.787	12.456	13.854	57.98	5.576
INV_025	TR2	03-11-2022	05:35	30.709	1017.83	110.601	16812.303	13176.794	3028.623	9.897	13.678	70.245	6.889
INV_025	TR2	03-11-2022	05:35	25.565	1017.83	120.049	14545.132	11281.889	2518.156	8.455	13.254	76.214	7.611
INV_025	TR2	03-11-2022	05:35	20.179	1017.83	131.184	13976.289	10830.093	1983.937	8.098	13.214	83.28	8.343
INV_025	TR2	03-11-2022	05:35	14.765	1017.83	139.273	13758.884	10618.872	1446.317	7.959	13.051	88.4	8.895
INV_025	TR2	03-11-2022	05:36	8.965	1017.83	142.102	13752.991	10605.747	870.669	7.955	13.019	90.193	9.082
INV_025	TR2	03-11-2022	05:36	2.971	1017.83	143.412	13749.158	10599.09	276.009	7.952	13.005	91.023	9.169
INV_025	TR2	03-11-2022	05:36	0.168	1017.83	142.63	349.327	267.667	-2.112	0.168	12.761	90.505	9.621
INV_039	TR2	03-11-2022	05:05	0.201	1017.83	144.898	13509.763	10341.424	0.971	7.798	12.721	91.8	10.16
INV_039	TR2	03-11-2022	05:05	4.703	1017.83	147.115	13509.763	10341.424	447.744	7.798	12.721	93.348	9.471
INV_039	TR2	03-11-2022	05:05	10.561	1017.83	144.488	13669.639	10500.174	1029.117	7.9	12.861	91.693	9.268
INV_039	TR2	03-11-2022	05:06	15.986	1017.83	143.805	13691.076	10530.878	1567.479	7.915	12.915	91.265	9.213
INV_039	TR2	03-11-2022	05:06	20.89	1017.83	142.982	13816.292	10646.165	2054.136	7.994	12.987	90.749	9.142
INV_039	TR2	03-11-2022	05:06	25.689	1017.83	141.484	14086.531	10858.524	2530.55	8.163	13.002	89.799	9.034
INV_039	TR2	03-11-2022	05:06	30.103	1017.83	140.314	14456.918	11178.137	2968.565	8.397	13.126	89.068	8.923
INV_039	TR2	03-11-2022	05:06	34.772	1017.83	124.753	16855.844	13045.307	3431.867	9.913	13.164	79.193	7.853
INV_039	TR2	03-11-2022	05:07	38.315	1017.83	111.177	20823.105	16278.891	3783.491	12.478	13.574	70.603	6.829
INV_039	TR2	03-11-2022	05:07	42.505	1017.83	102.402	25650.703	20207.23	4199.389	15.668	13.889	65.052	6.128
INV_039	TR2	03-11-2022	05:07	46.358	1017.83	76.06	31267.217	24389.484	4581.739	19.437	13.483	48.298	4.483
INV_039	TR2	03-11-2022	05:07	46.141	1017.83	70.124	31309.906	24399.178	4560.527	19.464	13.444	44.527	4.136
INV_039	TR2	03-11-2022	05:07	44.637	1017.83	70.314	31335.213	24415.758	4410.989	19.481	13.439	44.647	4.147

Station	Transect (TR)	Date	Time	Depth (m)	Barometric Pressure (mBar)	Partial Pressure Oxygen (Torr)	Specific Conductivity (µS/cm)	Actual Conductivity (µS/cm)	Pressure (mBar)	Salinity (PSU)	Temperature (°C)	Dissolved Oxygen(%Sat)	Dissolved Oxygen (mg/l)
INV_039	TR2	03-11-2022	05:08	40.494	1017.83	75.097	25627.258	20183.158	3999.791	15.652	13.878	47.705	4.495
INV_039	TR2	03-11-2022	05:08	35.795	1017.83	94.009	19673.428	15496.621	3533.362	11.739	13.884	59.72	5.765
INV_039	TR2	03-11-2022	05:08	31.318	1017.83	100.724	17123.818	13316.531	3089.115	10.088	13.359	63.951	6.308
INV_039	TR2	03-11-2022	05:08	26.797	1017.83	116.423	14540.256	11259.566	2640.366	8.451	13.187	73.907	7.392
INV_039	TR2	03-11-2022	05:08	21.223	1017.83	130.276	13961.684	10785.411	2087.25	8.087	13.089	82.693	8.307
INV_039	TR2	03-11-2022	05:09	15.361	1017.83	136.441	13807.155	10644.682	1505.473	7.989	13.008	86.599	8.72
INV_039	TR2	03-11-2022	05:09	9.799	1017.83	140.58	13695.935	10548.305	953.478	7.919	12.967	89.222	8.996
INV_039	TR2	03-11-2022	05:09	3.789	1017.83	143.124	13665.942	10519.828	357.641	7.9	12.947	90.835	9.164
INV_039	TR2	03-11-2022	05:09	0.194	1017.83	142.336	108.498	83.428	0.395	0.051	12.902	90.331	9.579
OWF1_45	TR2	03-11-2022	04:41	0.206	1017.83	144.519	11892.906	8995.807	1.472	6.791	12.246	91.56	10.13
OWF1_45	TR2	03-11-2022	04:41	1.363	1017.83	152.948	11892.906	8995.807	116.255	6.791	12.246	97.005	10.01
OWF1_45	TR2	03-11-2022	04:41	5.576	1017.83	145.678	13718.925	10527.036	534.337	7.93	12.819	92.445	9.351
OWF1_45	TR2	03-11-2022	04:42	10.339	1017.83	144.077	13706.546	10542.313	1007.199	7.924	12.913	91.438	9.23
OWF1_45	TR2	03-11-2022	04:42	14.993	1017.83	143.753	13700.283	10547.183	1468.996	7.921	12.95	91.235	9.203
OWF1_45	TR2	03-11-2022	04:42	19.644	1017.83	143.555	13743.418	10598.612	1930.657	7.949	13.02	91.115	9.175
OWF1_45	TR2	03-11-2022	04:42	24.84	1017.83	143.026	13881.092	10735.791	2446.306	8.037	13.137	90.79	9.114
OWF1_45	TR2	03-11-2022	04:42	30.444	1017.83	135.269	15036.615	11687.788	3002.523	8.765	13.34	85.883	8.544
OWF1_45	TR2	03-11-2022	04:43	35.318	1017.83	120.549	16877.244	13087.083	3486.212	9.929	13.242	76.53	7.575
OWF1_45	TR2	03-11-2022	04:43	40.61	1017.83	108.48	22304.199	17708.871	4011.314	13.464	14.213	68.936	6.538
OWF1_45	TR2	03-11-2022	04:43	43.85	1017.83	87.434	29286.947	23048.25	4333.079	18.108	13.847	55.541	5.158
OWF1_45	TR2	03-11-2022	04:43	43.246	1017.83	81.673	29274.621	23036.309	4272.942	18.1	13.843	51.881	4.819
OWF1_45	TR2	03-11-2022	04:43	40.795	1017.83	80.21	29251.428	23014.529	4029.791	18.084	13.837	50.952	4.734
OWF1_45	TR2	03-11-2022	04:44	36.57	1017.83	90.992	21396.971	16978.447	3610.335	12.869	14.188	57.822	5.507
OWF1_45	TR2	03-11-2022	04:44	31.054	1017.83	103.082	16637.508	12922.427	3062.923	9.778	13.309	65.446	6.475
OWF1_45	TR2	03-11-2022	04:44	24.933	1017.83	120.895	14468.308	11232.693	2455.728	8.407	13.291	76.754	7.661

Station	Transect (TR)	Date	Time	Depth (m)	Barometric Pressure (mBar)	Partial Pressure Oxygen (Torr)	Specific Conductivity (µS/cm)	Actual Conductivity (µS/cm)	Pressure (mBar)	Salinity (PSU)	Temperature (°C)	Dissolved Oxygen(%Sat)	Dissolved Oxygen (mg/l)
OWF1_45	TR2	03-11-2022	04:44	19.295	1017.83	136.398	13764.444	10641.707	1896.099	7.964	13.122	86.581	8.698
OWF1_45	TR2	03-11-2022	04:44	12.772	1017.83	141.399	13692.574	10555.921	1248.683	7.917	13.006	89.746	9.041
OWF1_45	TR2	03-11-2022	04:45	6.948	1017.83	143.003	13682.363	10538.034	670.645	7.91	12.968	90.76	9.152
OWF1_45	TR2	03-11-2022	04:45	0.352	1017.83	143.537	13679.567	10532.239	15.957	7.908	12.954	91.098	9.189
OWF1_45	TR2	03-11-2022	04:45	0.192	1017.83	139.529	22.169	16.908	0.012	0.009	12.575	88.522	9.459
OWF1_44	TR2	03-11-2022	04:22	0.209	1017.83	145.164	13505.243	10326.825	1.764	7.795	12.678	91.969	10.18
OWF1_44	TR2	03-11-2022	04:22	4.797	1017.83	148.261	13505.243	10326.825	457.046	7.795	12.678	94.071	9.553
OWF1_44	TR2	03-11-2022	04:22	10.773	1017.83	145.419	13626.969	10458.803	1050.156	7.873	12.828	92.282	9.336
OWF1_44	TR2	03-11-2022	04:22	16.514	1017.83	144.876	13797.693	10617.921	1619.927	7.981	12.934	91.946	9.274
OWF1_44	TR2	03-11-2022	04:23	22.341	1017.83	144.434	13938.622	10765.039	2198.236	8.072	13.079	91.679	9.213
OWF1_44	TR2	03-11-2022	04:23	28.133	1017.83	143.052	14105.513	10922.745	2772.981	8.178	13.186	90.811	9.098
OWF1_44	TR2	03-11-2022	04:23	33.224	1017.83	139.895	14520.542	11260.319	3278.227	8.439	13.245	88.812	8.872
OWF1_44	TR2	03-11-2022	04:23	38.886	1017.83	114.989	22964.297	18260.373	3840.11	13.9	14.276	73.077	6.903
OWF1_44	TR2	03-11-2022	04:23	41.723	1017.83	90.294	26801.59	21426.58	4121.711	16.459	14.5	57.397	5.312
OWF1_44	TR2	03-11-2022	04:24	40.61	1017.83	86.17	26540.148	21262.168	4011.271	16.287	14.588	54.781	5.066
OWF1_44	TR2	03-11-2022	04:24	39.373	1017.83	84.983	25121.193	20115.398	3888.615	15.338	14.567	54.025	5.027
OWF1_44	TR2	03-11-2022	04:24	33.827	1017.83	94.357	21030.842	16732.986	3338.149	12.632	14.301	59.967	5.706
OWF1_44	TR2	03-11-2022	04:24	28.869	1017.83	113.085	14373.271	11210.176	2846.085	8.351	13.478	71.809	7.141
OWF1_44	TR2	03-11-2022	04:24	23.292	1017.83	130.35	14025.263	10890.696	2292.647	8.13	13.299	82.757	8.273
OWF1_44	TR2	03-11-2022	04:25	17.66	1017.83	139.009	13884.059	10746.721	1733.654	8.039	13.169	88.243	8.852
OWF1_44	TR2	03-11-2022	04:25	11.781	1017.83	142.008	13734.663	10596.429	1150.18	7.944	13.037	90.135	9.073
OWF1_44	TR2	03-11-2022	04:25	5.995	1017.83	143.542	13716.441	10565.294	576.062	7.931	12.972	91.103	9.184
OWF1_44	TR2	03-11-2022	04:25	0.238	1017.83	144.42	13720.736	10564.282	4.632	7.934	12.956	91.659	9.244
OWF1_43	TR2	03-11-2022	04:05	0.233	1017.83	144.596	1347.201	1024.62	4.215	0.676	12.464	91.643	10.04
OWF1_43	TR2	03-11-2022	04:05	2.037	1017.83	150.447	1347.201	1024.62	183.194	0.676	12.464	95.439	10.18

Station	Transect (TR)	Date	Time	Depth (m)	Barometric Pressure (mBar)	Partial Pressure Oxygen (Torr)	Specific Conductivity (µS/cm)	Actual Conductivity (µS/cm)	Pressure (mBar)	Salinity (PSU)	Temperature (°C)	Dissolved Oxygen(%Sat)	Dissolved Oxygen (mg/l)
OWF1_43	TR2	03-11-2022	04:06	5.537	1017.83	145.416	13785.882	10617.492	530.572	7.975	12.967	92.292	9.303
OWF1_43	TR2	03-11-2022	04:06	9.288	1017.83	144.55	13931.945	10748.093	902.856	8.067	13.035	91.748	9.229
OWF1_43	TR2	03-11-2022	04:06	12.314	1017.83	144.21	13917.469	10750.616	1203.22	8.059	13.087	91.537	9.198
OWF1_43	TR2	03-11-2022	04:06	16.34	1017.83	144.124	13911.44	10749.359	1602.761	8.055	13.099	91.483	9.19
OWF1_43	TR2	03-11-2022	04:06	19.746	1017.83	144.02	13911.37	10752.603	1940.766	8.056	13.112	91.419	9.181
OWF1_43	TR2	03-11-2022	04:07	23.663	1017.83	144.047	13911.308	10751.127	2329.434	8.055	13.106	91.435	9.184
OWF1_43	TR2	03-11-2022	04:07	27.556	1017.83	143.585	13991.422	10833.614	2715.75	8.107	13.183	91.149	9.137
OWF1_43	TR2	03-11-2022	04:07	30.926	1017.83	142.845	14061.603	10898.025	3050.238	8.151	13.221	90.683	9.08
OWF1_43	TR2	03-11-2022	04:07	34.005	1017.83	140.944	14385.26	11163.245	3355.779	8.355	13.273	89.48	8.938
OWF1_43	TR2	03-11-2022	04:07	37.999	1017.83	103.079	23310.355	18479.516	3752.24	14.124	14.15	65.5	6.195
OWF1_43	TR2	03-11-2022	04:08	39.714	1017.83	83.061	23725.27	18920.061	3922.427	14.406	14.396	52.793	4.959
OWF1_43	TR2	03-11-2022	04:08	38.507	1017.83	78.778	23580.336	18806.752	3802.624	14.31	14.401	50.071	4.705
OWF1_43	TR2	03-11-2022	04:08	38.862	1017.83	78.839	23594.576	18834.287	3837.756	14.321	14.437	50.112	4.705
OWF1_43	TR2	03-11-2022	04:08	35.543	1017.83	80.339	23266.354	18504.254	3508.485	14.099	14.284	51.057	4.816
OWF1_43	TR2	03-11-2022	04:08	31.727	1017.83	94.662	14385.631	11215.755	3129.706	8.358	13.463	60.109	5.979
OWF1_43	TR2	03-11-2022	04:09	27.864	1017.83	128.021	14007.379	10872.857	2746.471	8.118	13.284	81.277	8.129
OWF1_43	TR2	03-11-2022	04:09	24.232	1017.83	139.328	13951.774	10805.626	2385.947	8.082	13.194	88.448	8.865
OWF1_43	TR2	03-11-2022	04:09	21.569	1017.83	142.457	13928.275	10773.27	2121.619	8.067	13.14	90.429	9.075
OWF1_43	TR2	03-11-2022	04:09	16.492	1017.83	143.584	13921.168	10757.536	1617.903	8.061	13.102	91.141	9.155
OWF1_43	TR2	03-11-2022	04:09	12.931	1017.83	143.932	13919.941	10753.664	1264.377	8.061	13.091	91.361	9.179
OWF1_43	TR2	03-11-2022	04:10	9.16	1017.83	144.19	13920.881	10751.427	890.18	8.061	13.08	91.524	9.198
OWF1_43	TR2	03-11-2022	04:10	5.183	1017.83	144.217	13921.376	10752.546	495.482	8.061	13.083	91.541	9.199
OWF1_43	TR2	03-11-2022	04:10	1.675	1017.83	144.282	13925.424	10753.114	147.306	8.064	13.073	91.582	9.205
OWF1_43	TR2	03-11-2022	04:10	0.22	1017.83	141.728	115.907	89.018	3.988	0.054	12.854	89.941	9.548
INV_071	TR2	03-11-2022	03:34	1.224	1017.83	150.427	13692.912	10473.531	102.46	7.912	12.69	95.447	9.683

Station	Transect (TR)	Date	Time	Depth (m)	Barometric Pressure (mBar)	Partial Pressure Oxygen (Torr)	Specific Conductivity (µS/cm)	Actual Conductivity (µS/cm)	Pressure (mBar)	Salinity (PSU)	Temperature (°C)	Dissolved Oxygen(%Sat)	Dissolved Oxygen (mg/l)
INV_071	TR2	03-11-2022	03:35	4.429	1017.83	145.201	13753.437	10598.503	420.528	7.955	12.99	92.157	9.286
INV_071	TR2	03-11-2022	03:35	7.581	1017.83	144.094	13746.838	10607.54	733.393	7.952	13.044	91.46	9.205
INV_071	TR2	03-11-2022	03:35	10.459	1017.83	143.595	13739.845	10611.356	1019.008	7.948	13.079	91.146	9.166
INV_071	TR2	03-11-2022	03:35	13.799	1017.83	143.456	13764.566	10643.92	1350.453	7.964	13.13	91.062	9.147
INV_071	TR2	03-11-2022	03:35	16.792	1017.83	143.251	13806.073	10684.505	1647.54	7.991	13.162	90.935	9.126
INV_071	TR2	03-11-2022	03:36	18.976	1017.83	143.419	13923.125	10781.188	1864.362	8.064	13.185	91.044	9.128
INV_071	TR2	03-11-2022	03:36	21.923	1017.83	143.18	14131.223	10947.71	2156.651	8.195	13.205	90.894	9.102
INV_071	TR2	03-11-2022	03:36	22.858	1017.83	137.714	14457.19	11208.851	2249.573	8.399	13.236	87.427	8.737
INV_071	TR2	03-11-2022	03:36	22.74	1017.83	137.069	14374.692	11145.315	2237.852	8.348	13.238	87.017	8.699
INV_071	TR2	03-11-2022	03:36	21.236	1017.83	138.343	13965.251	10817.373	2088.581	8.091	13.199	87.823	8.801
INV_071	TR2	03-11-2022	03:37	17.166	1017.83	142.615	13926.255	10783.364	1684.745	8.066	13.184	90.533	9.077
INV_071	TR2	03-11-2022	03:37	13.346	1017.83	143.185	13768.088	10658.104	1305.559	7.967	13.174	90.894	9.121
INV_071	TR2	03-11-2022	03:37	8.741	1017.83	143.311	13718.369	10612.231	848.671	7.936	13.145	90.972	9.136
INV_071	TR2	03-11-2022	03:37	4.451	1017.83	143.439	13705.916	10598.226	422.843	7.928	13.129	91.052	9.148
INV_071	TR2	03-11-2022	03:37	0.211	1017.83	143.707	13702.893	10594.742	2.026	7.926	13.124	91.221	9.166
SPA_071	TR2	03-11-2022	03:08	0.199	1017.83	145.223	13781.529	10425.54	0.788	7.959	12.251	92.005	10.19
SPA_071	TR2	03-11-2022	03:08	0.921	1017.83	153.356	13781.529	10425.54	72.486	7.959	12.251	97.265	9.961
SPA_071	TR2	03-11-2022	03:08	4.858	1017.83	145.858	13550.105	10432.17	463.161	7.827	12.953	92.571	9.342
SPA_071	TR2	03-11-2022	03:08	8.36	1017.83	144.637	13533.664	10431.837	810.752	7.818	13	91.8	9.255
SPA_071	TR2	03-11-2022	03:09	11.914	1017.83	144.251	13527.565	10438.324	1163.412	7.815	13.044	91.559	9.223
SPA_071	TR2	03-11-2022	03:09	15.553	1017.83	143.999	13514.88	10437.074	1524.594	7.808	13.077	91.402	9.201
SPA_071	TR2	03-11-2022	03:09	18.925	1017.83	143.843	13511.211	10442.79	1859.28	7.806	13.11	91.306	9.184
SPA_071	TR2	03-11-2022	03:09	19.407	1017.83	143.757	13512.134	10443.401	1907.191	7.806	13.109	91.251	9.179
SPA_071	TR2	03-11-2022	03:09	19.446	1017.83	143.788	13504.517	10439.328	1910.931	7.802	13.116	91.272	9.18
SPA_071	TR2	03-11-2022	03:10	19.329	1017.83	143.842	13507.077	10440.732	1899.331	7.803	13.114	91.306	9.183

Station	Transect (TR)	Date	Time	Depth (m)	Barometric Pressure (mBar)	Partial Pressure Oxygen (Torr)	Specific Conductivity (µS/cm)	Actual Conductivity (µS/cm)	Pressure (mBar)	Salinity (PSU)	Temperature (°C)	Dissolved Oxygen(%Sat)	Dissolved Oxygen (mg/l)
SPA_071	TR2	03-11-2022	03:10	16.025	1017.83	143.919	13506.169	10439.312	1571.389	7.803	13.111	91.355	9.189
SPA_071	TR2	03-11-2022	03:10	11.609	1017.83	144.036	13504.688	10438.133	1133.213	7.802	13.111	91.429	9.197
SPA_071	TR2	03-11-2022	03:10	7.203	1017.83	144.121	13500.352	10432.611	696.051	7.799	13.103	91.482	9.204
SPA_071	TR2	03-11-2022	03:10	2.288	1017.83	144.26	13497.696	10426.761	208.048	7.797	13.088	91.569	9.216
SPA_071	TR2	03-11-2022	03:11	0.174	1017.83	142.663	46.901	36.075	-1.333	0.021	12.914	90.54	9.601
SPA_075	TR2	03-11-2022	02:53	0.207	1017.83	144.694	3022.022	2236.164	1.499	1.575	11.385	91.661	10.17
SPA_075	TR2	03-11-2022	02:53	0.458	1017.83	155.95	3022.022	2236.164	26.482	1.575	11.385	98.832	10.74
SPA_075	TR2	03-11-2022	02:53	4.598	1017.83	146.113	13290.838	10241.35	437.284	7.667	12.987	92.736	9.361
SPA_075	TR2	03-11-2022	02:53	8.422	1017.83	144.534	13263.029	10243.84	816.848	7.651	13.082	91.742	9.243
SPA_075	TR2	03-11-2022	02:53	12.262	1017.83	144.149	13256.804	10243.436	1197.883	7.647	13.099	91.5	9.215
SPA_075	TR2	03-11-2022	02:53	15.903	1017.83	144.034	13249.208	10245.583	1559.27	7.643	13.131	91.429	9.202
SPA_075	TR2	03-11-2022	02:54	19.595	1017.83	143.927	13245.475	10244.789	1925.679	7.641	13.139	91.362	9.193
SPA_075	TR2	03-11-2022	02:54	21.435	1017.83	143.759	13244.192	10244.801	2108.317	7.64	13.143	91.256	9.182
SPA_075	TR2	03-11-2022	02:54	20.241	1017.83	143.847	13242.517	10246.322	1989.831	7.639	13.154	91.313	9.185
SPA_075	TR2	03-11-2022	02:54	20.263	1017.83	143.811	13242.909	10246.515	1991.935	7.64	13.154	91.29	9.183
SPA_075	TR2	03-11-2022	02:54	19.758	1017.83	143.802	13241.827	10247.04	1941.912	7.639	13.159	91.284	9.182
SPA_075	TR2	03-11-2022	02:55	16.062	1017.83	143.961	13244.938	10248.375	1575.032	7.641	13.155	91.385	9.193
SPA_075	TR2	03-11-2022	02:55	12.234	1017.83	143.989	13247.54	10248.793	1195.16	7.642	13.149	91.402	9.195
SPA_075	TR2	03-11-2022	02:55	7.616	1017.83	144.069	13243.575	10246.119	736.903	7.64	13.15	91.454	9.2
SPA_075	TR2	03-11-2022	02:55	3.709	1017.83	144.143	13244.215	10244.32	349.086	7.64	13.141	91.499	9.207
SPA_075	TR2	03-11-2022	02:55	0.181	1017.83	143.944	13235.452	10237.807	-1.065	7.635	13.142	91.373	9.194
SPA_066	TR2	03-11-2022	02:37	0.216	1017.83	145.218	12956.298	9872.259	2.583	7.452	12.537	91.99	10.22
SPA_066	TR2	03-11-2022	02:37	1.583	1017.83	151.331	12956.298	9872.259	138.123	7.452	12.537	96.006	9.801
SPA_066	TR2	03-11-2022	02:38	5.402	1017.83	144.277	13307.214	10251.245	517.124	7.677	12.977	91.57	9.245
SPA_066	TR2	03-11-2022	02:38	9.509	1017.83	142.613	13278.056	10252.45	924.715	7.66	13.07	90.522	9.122

Station	Transect (TR)	Date	Time	Depth (m)	Barometric Pressure (mBar)	Partial Pressure Oxygen (Torr)	Specific Conductivity (µS/cm)	Actual Conductivity (µS/cm)	Pressure (mBar)	Salinity (PSU)	Temperature (°C)	Dissolved Oxygen(%Sat)	Dissolved Oxygen (mg/l)
SPA_066	TR2	03-11-2022	02:38	13.327	1017.83	142.143	13270.323	10253.438	1303.636	7.656	13.097	90.226	9.087
SPA_066	TR2	03-11-2022	02:38	17.26	1017.83	141.873	13263.436	10250.112	1693.918	7.652	13.105	90.056	9.068
SPA_066	TR2	03-11-2022	02:38	16.257	1017.83	141.778	13255.834	10251.461	1594.431	7.647	13.134	89.998	9.057
SPA_066	TR2	03-11-2022	02:39	15.706	1017.83	141.663	13256.053	10253.614	1539.662	7.648	13.142	89.925	9.048
SPA_066	TR2	03-11-2022	02:39	12.749	1017.83	141.794	13249.773	10250.922	1246.21	7.644	13.15	90.009	9.055
SPA_066	TR2	03-11-2022	02:39	9.01	1017.83	142.051	13250.022	10251.403	875.242	7.644	13.151	90.173	9.071
SPA_066	TR2	03-11-2022	02:39	4.851	1017.83	141.957	13247.308	10249.717	462.38	7.642	13.153	90.113	9.065
SPA_066	TR2	03-11-2022	02:39	0.633	1017.83	142.204	13245.035	10246.626	43.858	7.641	13.148	90.27	9.082
SPA_066	TR2	03-11-2022	02:40	0.217	1017.83	140.94	37.629	28.924	2.508	0.016	12.888	89.444	9.49
SPA_078	TR2	03-11-2022	02:12	0.197	1017.83	145.026	13417.71	10246.229	0.731	7.739	12.625	91.874	10.19
SPA_078	TR2	03-11-2022	02:12	2.288	1017.83	150.295	13417.71	10246.229	208.204	7.739	12.625	95.357	9.699
SPA_078	TR2	03-11-2022	02:12	6.833	1017.83	143.455	13291.663	10234.371	659.197	7.667	12.957	91.046	9.197
SPA_078	TR2	03-11-2022	02:12	12.122	1017.83	142.425	13277.436	10234.759	1184.059	7.659	13.002	90.397	9.123
SPA_078	TR2	03-11-2022	02:12	14.856	1017.83	142.217	13279.742	10234.977	1455.408	7.66	12.996	90.264	9.11
SPA_078	TR2	03-11-2022	02:13	14.127	1017.83	142.105	13276.219	10235.569	1383.324	7.658	13.009	90.194	9.101
SPA_078	TR2	03-11-2022	02:13	11.788	1017.83	142.226	13261.916	10236.649	1150.953	7.65	13.057	90.275	9.1
SPA_078	TR2	03-11-2022	02:13	7.848	1017.83	142.152	13263.12	10236.336	759.978	7.651	13.052	90.228	9.096
SPA_078	TR2	03-11-2022	02:13	3.821	1017.83	142.346	13264.186	10235.648	360.259	7.651	13.046	90.35	9.11
SPA_078	TR2	03-11-2022	02:13	0.181	1017.83	141.887	13246.992	10221.478	-1.012	7.64	13.042	90.059	9.082
OWF2_48	TR2	03-11-2022	01:45	0.2	1017.83	145.924	13143.967	10089.921	0.855	7.573	12.835	92.443	10.25
OWF2_48	TR2	03-11-2022	01:45	2.086	1017.83	148.598	13143.967	10089.921	188.017	7.573	12.835	94.299	9.557
OWF2_48	TR2	03-11-2022	01:46	6.176	1017.83	144.391	13103.803	10099.818	593.89	7.551	12.998	91.644	9.256
OWF2_48	TR2	03-11-2022	01:46	9.774	1017.83	143.455	13103.245	10108.659	951.052	7.551	13.035	91.053	9.188
OWF2_48	TR2	03-11-2022	01:46	13.324	1017.83	143.027	13095.832	10117.121	1303.357	7.547	13.091	90.786	9.15
OWF2_48	TR2	03-11-2022	01:46	17.037	1017.83	142.826	13097.8	10124.594	1671.831	7.549	13.115	90.661	9.133

Station	Transect (TR)	Date	Time	Depth (m)	Barometric Pressure (mBar)	Partial Pressure Oxygen (Torr)	Specific Conductivity (µS/cm)	Actual Conductivity (µS/cm)	Pressure (mBar)	Salinity (PSU)	Temperature (°C)	Dissolved Oxygen(%Sat)	Dissolved Oxygen (mg/l)
OWF2_48	TR2	03-11-2022	01:46	20.948	1017.83	142.655	13101.284	10127.875	2059.912	7.551	13.118	90.553	9.121
OWF2_48	TR2	03-11-2022	01:47	24.365	1017.83	142.568	13114.073	10135.47	2399.062	7.559	13.108	90.497	9.117
OWF2_48	TR2	03-11-2022	01:47	29.175	1017.83	139.251	13133.775	10084.982	2876.383	7.567	12.846	88.368	8.954
OWF2_48	TR2	03-11-2022	01:47	32.509	1017.83	116.223	13223.863	9211.235	3207.311	7.546	9.113	73.516	8.11
OWF2_48	TR2	03-11-2022	01:47	37.599	1017.83	101.293	14100.327	9348.179	3712.464	8.035	7.355	63.989	7.339
OWF2_48	TR2	03-11-2022	01:47	38.494	1017.83	91.627	15124.433	10108.883	3801.357	8.675	7.638	57.895	6.567
OWF2_48	TR2	03-11-2022	01:48	37.922	1017.83	89.361	14415.699	9513.192	3744.987	8.223	7.195	56.446	6.491
OWF2_48	TR2	03-11-2022	01:48	37.737	1017.83	89.793	14500.722	9534.078	3727.034	8.271	7.068	56.713	6.54
OWF2_48	TR2	03-11-2022	01:48	34.589	1017.83	89.022	14346.881	9412.539	3413.692	8.174	6.993	56.224	6.499
OWF2_48	TR2	03-11-2022	01:48	29.297	1017.83	106.841	13961.238	9630.828	2888.559	7.991	8.761	67.564	7.494
OWF2_48	TR2	03-11-2022	01:48	24.104	1017.83	125.821	13425.161	10146.59	2373.146	7.737	12.214	79.798	8.191
OWF2_48	TR2	03-11-2022	01:49	19.476	1017.83	136.934	13306.993	10141.916	1913.858	7.669	12.547	86.874	8.855
OWF2_48	TR2	03-11-2022	01:49	14.858	1017.83	140.962	13232.244	10138.217	1455.504	7.626	12.758	89.447	9.077
OWF2_48	TR2	03-11-2022	01:49	9.553	1017.83	142.407	13185.287	10136.593	929.04	7.6	12.894	90.375	9.145
OWF2_48	TR2	03-11-2022	01:49	4.728	1017.83	142.706	13146.431	10139.62	450.342	7.578	13.025	90.577	9.141
OWF2_48	TR2	03-11-2022	01:49	0.286	1017.83	143.021	13118.326	10136.284	9.822	7.561	13.098	90.783	9.148
OWF2_35	TR2	03-11-2022	01:16	0.157	1017.83	145.524	13183.532	10077.402	-3.185	7.595	12.665	92.188	10.23
OWF2_35	TR2	03-11-2022	01:16	1.8	1017.83	152.179	13183.532	10077.402	159.647	7.595	12.665	96.556	9.821
OWF2_35	TR2	03-11-2022	01:16	6.381	1017.83	146.204	13088.461	10097.334	614.326	7.542	13.035	92.798	9.365
OWF2_35	TR2	03-11-2022	01:17	10.438	1017.83	145.343	13100.681	10115.49	1016.87	7.55	13.07	92.255	9.303
OWF2_35	TR2	03-11-2022	01:17	15.309	1017.83	145.149	13106.787	10121.676	1500.275	7.554	13.076	92.132	9.289
OWF2_35	TR2	03-11-2022	01:17	18.93	1017.83	144.805	13105.352	10137.403	1859.738	7.554	13.143	91.92	9.254
OWF2_35	TR2	03-11-2022	01:17	22.866	1017.83	143.944	13126.223	10150.758	2250.246	7.567	13.132	91.372	9.2
OWF2_35	TR2	03-11-2022	01:17	26.785	1017.83	131.237	13374.595	10033.295	2639.203	7.7	11.92	83.211	8.599
OWF2_35	TR2	03-11-2022	01:18	30.586	1017.83	119.707	13695.409	9960.577	3016.468	7.874	10.722	75.819	8.041

Station	Transect (TR)	Date	Time	Depth (m)	Barometric Pressure (mBar)	Partial Pressure Oxygen (Torr)	Specific Conductivity (µS/cm)	Actual Conductivity (µS/cm)	Pressure (mBar)	Salinity (PSU)	Temperature (°C)	Dissolved Oxygen(%Sat)	Dissolved Oxygen (mg/l)
OWF2_35	TR2	03-11-2022	01:18	35.03	1017.83	109.92	14251.387	10031.749	3457.45	8.19	9.498	69.551	7.573
OWF2_35	TR2	03-11-2022	01:18	38.992	1017.83	95.349	15714.989	10823.556	3850.708	9.076	8.704	60.293	6.65
OWF2_35	TR2	03-11-2022	01:18	43.188	1017.83	80.789	17289.297	11563.021	4267.136	10.022	7.66	51.048	5.737
OWF2_35	TR2	03-11-2022	01:18	47.9	1017.83	65.213	19378.174	12991.733	4734.77	11.341	7.745	41.208	4.582
OWF2_35	TR2	03-11-2022	01:19	49.708	1017.83	51.925	20738.613	14147.273	4914.235	12.235	8.36	32.826	3.576
OWF2_35	TR2	03-11-2022	01:19	49.292	1017.83	47.819	20405.988	13916.937	4873.012	12.022	8.351	30.23	3.299
OWF2_35	TR2	03-11-2022	01:19	47.683	1017.83	46.949	20305.576	13838.281	4713.255	11.957	8.325	29.68	3.242
OWF2_35	TR2	03-11-2022	01:19	43.433	1017.83	47.151	19284.24	12884.658	4291.634	11.276	7.625	29.792	3.324
OWF2_35	TR2	03-11-2022	01:19	40.777	1017.83	59.004	17277.354	11516.76	4027.931	10.01	7.544	37.28	4.202
OWF2_35	TR2	03-11-2022	01:20	36.582	1017.83	69.012	16053.934	10830.42	3611.545	9.262	7.965	43.616	4.89
OWF2_35	TR2	03-11-2022	01:20	32.409	1017.83	81.341	14928.854	10118.27	3197.437	8.57	8.129	51.414	5.768
OWF2_35	TR2	03-11-2022	01:20	28.251	1017.83	101.06	13951.104	9970.361	2784.787	8.018	10.061	63.973	6.883
OWF2_35	TR2	03-11-2022	01:20	24.468	1017.83	113.233	13911.065	10070.51	2409.36	8.004	10.546	71.708	7.63
OWF2_35	TR2	03-11-2022	01:20	20.434	1017.83	128.922	13285.276	10167.41	2009.033	7.659	12.713	81.804	8.308
OWF2_35	TR2	03-11-2022	01:21	16.813	1017.83	140.205	13179.146	10132.018	1649.641	7.596	12.895	88.978	9.004
OWF2_35	TR2	03-11-2022	01:21	12.609	1017.83	143.594	13122.859	10124.188	1232.345	7.563	13.036	91.142	9.196
OWF2_35	TR2	03-11-2022	01:21	8.48	1017.83	144.371	13092.639	10114.849	822.587	7.545	13.092	91.64	9.236
OWF2_35	TR2	03-11-2022	01:21	4.388	1017.83	144.885	13069.725	10110.552	416.52	7.532	13.146	91.971	9.26
OWF2_35	TR2	03-11-2022	01:21	0.156	1017.83	145.04	13066.87	10106.009	-3.428	7.53	13.136	92.068	9.271
OWF2_23	TR2	03-11-2022	00:55	0.216	1017.83	145.959	13194.143	10121.58	2.517	7.604	12.808	92.442	10.32
OWF2_23	TR2	03-11-2022	00:55	2.656	1017.83	147.566	13194.143	10121.58	244.754	7.604	12.808	93.642	9.494
OWF2_23	TR2	03-11-2022	00:56	6.306	1017.83	144.183	13131.4	10116.977	606.866	7.568	12.981	91.511	9.245
OWF2_23	TR2	03-11-2022	00:56	11.295	1017.83	143.76	13120.079	10123.992	1101.927	7.562	13.044	91.248	9.206
OWF2_23	TR2	03-11-2022	00:56	15.276	1017.83	143.357	13124.335	10134.807	1497.02	7.565	13.074	90.994	9.174
OWF2_23	TR2	03-11-2022	00:56	19.309	1017.83	143.186	13124.216	10137.475	1897.389	7.565	13.085	90.887	9.161

Station	Transect (TR)	Date	Time	Depth (m)	Barometric Pressure (mBar)	Partial Pressure Oxygen (Torr)	Specific Conductivity (µS/cm)	Actual Conductivity (µS/cm)	Pressure (mBar)	Salinity (PSU)	Temperature (°C)	Dissolved Oxygen(%Sat)	Dissolved Oxygen (mg/l)
OWF2_23	TR2	03-11-2022	00:56	22.967	1017.83	142.728	13127.735	10144.369	2260.317	7.567	13.102	90.598	9.128
OWF2_23	TR2	03-11-2022	00:57	26.611	1017.83	141.758	13137.517	10142.662	2621.98	7.573	13.065	89.979	9.073
OWF2_23	TR2	03-11-2022	00:57	30.966	1017.83	117.814	13326.728	9540.194	3054.225	7.633	10.124	74.583	8.032
OWF2_23	TR2	03-11-2022	00:57	34.469	1017.83	102.193	15356.048	10601.068	3401.867	8.855	8.788	64.625	7.124
OWF2_23	TR2	03-11-2022	00:57	37.743	1017.83	83.302	16954.078	11409.441	3726.768	9.821	7.878	52.644	5.893
OWF2_23	TR2	03-11-2022	00:57	40.816	1017.83	73.32	17478.564	11701.325	4031.771	10.142	7.695	46.329	5.198
OWF2_23	TR2	03-11-2022	00:58	44.57	1017.83	67.362	17798.072	11850.38	4404.321	10.335	7.504	42.559	4.791
OWF2_23	TR2	03-11-2022	00:58	48.319	1017.83	63.559	18399.029	12228.058	4776.393	10.71	7.44	40.154	4.516
OWF2_23	TR2	03-11-2022	00:58	51.558	1017.83	55.752	19487.207	12985.587	5097.729	11.4	7.532	35.224	3.935
OWF2_23	TR2	03-11-2022	00:58	54.39	1017.83	41.738	21694.781	14877.686	5378.842	12.856	8.548	26.39	2.851
OWF2_23	TR2	03-11-2022	00:58	53.38	1017.83	34.182	20563.357	14215.656	5278.591	12.144	8.838	21.617	2.33
OWF2_23	TR2	03-11-2022	00:59	53.695	1017.83	32.512	21937.305	15172.758	5309.905	13.027	8.856	20.562	2.203
OWF2_23	TR2	03-11-2022	00:59	53.426	1017.83	32.909	21531.031	14868.302	5283.323	12.763	8.799	20.811	2.236
OWF2_23	TR2	03-11-2022	00:59	48.21	1017.83	35.775	19239.76	12855.88	4765.847	11.248	7.628	22.604	2.522
OWF2_23	TR2	03-11-2022	00:59	43.76	1017.83	48.727	17953.012	11925.815	4323.913	10.429	7.423	30.784	3.47
OWF2_23	TR2	03-11-2022	00:59	38.088	1017.83	59.583	17512.709	11644.844	3761.06	10.154	7.457	37.643	4.247
OWF2_23	TR2	03-11-2022	01:00	33.454	1017.83	67.662	15761.553	10642.564	3301.109	9.082	7.996	42.764	4.797
OWF2_23	TR2	03-11-2022	01:00	28.284	1017.83	90.942	14279.946	9977.747	2788.234	8.2	9.226	57.53	6.303
OWF2_23	TR2	03-11-2022	01:00	22.566	1017.83	116.114	13358.821	10151.851	2220.629	7.699	12.431	73.657	7.526
OWF2_23	TR2	03-11-2022	01:00	18.084	1017.83	135.005	13235.939	10145.329	1775.774	7.629	12.775	85.668	8.69
OWF2_23	TR2	03-11-2022	01:00	12.882	1017.83	139.636	13190.989	10135.813	1259.536	7.603	12.874	88.616	8.971
OWF2_23	TR2	03-11-2022	01:01	8.02	1017.83	141.606	13150.51	10125.78	776.955	7.579	12.958	89.873	9.083
OWF2_23	TR2	03-11-2022	01:01	2.879	1017.83	142.53	13132.896	10122.395	266.723	7.569	12.998	90.463	9.135
OWF2_23	TR2	03-11-2022	01:01	0.155	1017.83	140.228	65.389	50.265	-3.31	0.03	12.891	88.993	9.441
OWF2_22	TR2	03-11-2022	00:33	0.244	1017.83	145.934	12992.144	9990.666	5.307	7.48	12.905	92.443	10.27

Station	Transect (TR)	Date	Time	Depth (m)	Barometric Pressure (mBar)	Partial Pressure Oxygen (Torr)	Specific Conductivity (µS/cm)	Actual Conductivity (µS/cm)	Pressure (mBar)	Salinity (PSU)	Temperature (°C)	Dissolved Oxygen(%Sat)	Dissolved Oxygen (mg/l)
OWF2_22	TR2	03-11-2022	00:33	3.188	1017.83	147.979	12992.144	9990.666	297.409	7.48	12.905	93.913	9.508
OWF2_22	TR2	03-11-2022	00:33	7.16	1017.83	144.894	12987.29	10015.723	691.611	7.479	13.021	91.966	9.288
OWF2_22	TR2	03-11-2022	00:33	9.791	1017.83	144.022	12964.489	10021.987	952.654	7.466	13.117	91.42	9.214
OWF2_22	TR2	03-11-2022	00:33	12.334	1017.83	143.793	12949.838	10025.474	1205.091	7.458	13.177	91.28	9.188
OWF2_22	TR2	03-11-2022	00:33	14.812	1017.83	143.717	12946.446	10028.562	1451.063	7.456	13.2	91.234	9.179
OWF2_22	TR2	03-11-2022	00:34	17.154	1017.83	143.52	12942.646	10030.413	1683.502	7.454	13.219	91.111	9.163
OWF2_22	TR2	03-11-2022	00:34	19.6	1017.83	143.434	12946.282	10033.657	1926.364	7.456	13.221	91.057	9.157
OWF2_22	TR2	03-11-2022	00:34	23.002	1017.83	143.389	12947.889	10035.209	2263.844	7.457	13.222	91.028	9.154
OWF2_22	TR2	03-11-2022	00:34	24.563	1017.83	143.192	12948.62	10034.972	2418.809	7.458	13.219	90.903	9.142
OWF2_22	TR2	03-11-2022	00:34	26.836	1017.83	143.057	12951.24	10026.308	2644.44	7.459	13.176	90.813	9.141
OWF2_22	TR2	03-11-2022	00:35	30.161	1017.83	138.85	13001.735	9950.134	2974.345	7.483	12.712	88.102	8.958
OWF2_22	TR2	03-11-2022	00:35	33.253	1017.83	116.682	13209.27	9145.523	3281.134	7.532	8.893	73.794	8.184
OWF2_22	TR2	03-11-2022	00:35	36.781	1017.83	99.928	15989.544	10744.85	3631.375	9.217	7.827	63.149	7.106
OWF2_22	TR2	03-11-2022	00:35	39.008	1017.83	76.665	17387.627	11593.707	3852.391	10.08	7.554	48.438	5.455
OWF2_22	TR2	03-11-2022	00:35	41.941	1017.83	67.839	17859.164	11860.551	4143.486	10.369	7.414	42.857	4.834
OWF2_22	TR2	03-11-2022	00:36	43.532	1017.83	64.322	18122.781	12019.351	4301.493	10.533	7.367	40.634	4.584
OWF2_22	TR2	03-11-2022	00:36	46.605	1017.83	61.391	18500.59	12255.402	4606.32	10.769	7.326	38.782	4.372
OWF2_22	TR2	03-11-2022	00:36	49.122	1017.83	58.032	19159.486	12687.097	4856.245	11.183	7.313	36.659	4.123
OWF2_22	TR2	03-11-2022	00:36	52.025	1017.83	52.112	19702.623	13086.229	5144.224	11.532	7.418	32.922	3.685
OWF2_22	TR2	03-11-2022	00:36	54.912	1017.83	41.883	21759.186	14674.303	5430.762	12.868	7.953	26.47	2.9
OWF2_22	TR2	03-11-2022	00:37	55.497	1017.83	27.455	22344.658	15375.631	5489.091	13.281	8.671	17.361	1.865
OWF2_22	TR2	03-11-2022	00:37	54.102	1017.83	23.828	21163.482	14361.33	5350.522	12.498	8.172	15.062	1.645
OWF2_22	TR2	03-11-2022	00:37	50.702	1017.83	33.864	19679.102	13131.815	5012.913	11.524	7.581	21.396	2.386
OWF2_22	TR2	03-11-2022	00:37	47.28	1017.83	44.704	18845.537	12508.426	4673.362	10.989	7.394	28.242	3.174
OWF2_22	TR2	03-11-2022	00:37	42.943	1017.83	54.318	18229.123	12096.12	4242.87	10.6	7.385	34.315	3.867

Station	Transect (TR)	Date	Time	Depth (m)	Barometric Pressure (mBar)	Partial Pressure Oxygen (Torr)	Specific Conductivity (µS/cm)	Actual Conductivity (µS/cm)	Pressure (mBar)	Salinity (PSU)	Temperature (°C)	Dissolved Oxygen(%Sat)	Dissolved Oxygen (mg/l)
OWF2_22	TR2	03-11-2022	00:38	39.352	1017.83	60.298	17781.982	11786.971	3886.496	10.318	7.349	38.092	4.305
OWF2_22	TR2	03-11-2022	00:38	34.639	1017.83	65.528	17213.459	11505.526	3418.839	9.974	7.639	41.404	4.657
OWF2_22	TR2	03-11-2022	00:38	31.485	1017.83	96.172	13861.055	9351.488	3105.88	7.906	7.966	60.781	6.875
OWF2_22	TR2	03-11-2022	00:38	26.223	1017.83	127.805	13100.342	10034.721	2583.685	7.544	12.748	81.098	8.236
OWF2_22	TR2	03-11-2022	00:38	22.733	1017.83	139.47	12997.954	10037.231	2237.406	7.486	13.074	88.527	8.929
OWF2_22	TR2	03-11-2022	00:39	19.14	1017.83	142.094	12958.796	10036.004	1880.82	7.464	13.191	90.204	9.076
OWF2_22	TR2	03-11-2022	00:39	15.859	1017.83	142.823	12938.577	10032.353	1555.019	7.452	13.24	90.671	9.114
OWF2_22	TR2	03-11-2022	00:39	12.541	1017.83	143.178	12923.163	10028.765	1225.802	7.443	13.274	90.899	9.131
OWF2_22	TR2	03-11-2022	00:39	8.489	1017.83	143.25	12920.141	10026.48	823.62	7.441	13.274	90.945	9.136
OWF2_22	TR2	03-11-2022	00:39	4.285	1017.83	143.424	12919.72	10023.174	406.236	7.441	13.262	91.054	9.149
OWF2_22	TR2	03-11-2022	00:40	0.823	1017.83	143.236	12922.616	10021.433	62.751	7.442	13.246	90.933	9.14
OWF2_22	TR2	03-11-2022	00:40	0.189	1017.83	140.403	44.359	34.034	-0.169	0.02	12.814	89.097	9.469
INV_100	TR2	02-11-2022	23:55	0.239	1017.83	145.519	11423.413	8926.24	4.937	6.521	13.555	92.481	9.515
INV_100	TR2	02-11-2022	23:55	2.955	1017.83	147.005	11423.413	8926.24	274.281	6.521	13.555	93.354	9.374
INV_100	TR2	02-11-2022	23:55	8.82	1017.83	145.634	12979.921	10069.004	856.406	7.478	13.258	92.457	9.289
INV_100	TR2	02-11-2022	23:55	14.892	1017.83	145.268	12991.562	10076.336	1458.884	7.485	13.252	92.224	9.266
INV_100	TR2	02-11-2022	23:55	18.836	1017.83	144.905	13011.964	10085.025	1850.361	7.497	13.223	91.99	9.248
INV_100	TR2	02-11-2022	23:56	22.562	1017.83	144.758	13024.001	10092.403	2220.227	7.505	13.215	91.897	9.24
INV_100	TR2	02-11-2022	23:56	26.209	1017.83	144.312	13027.769	10094.143	2582.136	7.507	13.21	91.613	9.212
INV_100	TR2	02-11-2022	23:56	30	1017.83	144.159	13031.354	10093.681	2958.375	7.509	13.197	91.515	9.205
INV_100	TR2	02-11-2022	23:56	33.027	1017.83	143.42	13064.814	10113.383	3258.795	7.529	13.172	91.043	9.161
INV_100	TR2	02-11-2022	23:56	36.016	1017.83	125.811	13226.384	9495.515	3555.407	7.574	10.232	79.652	8.56
INV_100	TR2	02-11-2022	23:57	39.749	1017.83	101.347	15292.106	10226.083	3925.968	8.779	7.655	64.037	7.256
INV_100	TR2	02-11-2022	23:57	43.076	1017.83	80.107	18068.203	12039.966	4256.01	10.506	7.532	50.612	5.687
INV_100	TR2	02-11-2022	23:57	47.108	1017.83	64.831	18514.932	12259.087	4656.124	10.777	7.31	40.954	4.619

Station	Transect (TR)	Date	Time	Depth (m)	Barometric Pressure (mBar)	Partial Pressure Oxygen (Torr)	Specific Conductivity (µS/cm)	Actual Conductivity (µS/cm)	Pressure (mBar)	Salinity (PSU)	Temperature (°C)	Dissolved Oxygen(%Sat)	Dissolved Oxygen (mg/l)
INV_100	TR2	02-11-2022	23:57	50.09	1017.83	58.482	19488.707	13036.731	4952.076	11.408	7.667	36.953	4.115
INV_100	TR2	02-11-2022	23:57	53.022	1017.83	53.415	20289.658	13600.313	5243.082	11.919	7.739	33.753	3.74
INV_100	TR2	02-11-2022	23:58	56.082	1017.83	46.288	21675.49	14839.043	5546.771	12.841	8.487	29.266	3.166
INV_100	TR2	02-11-2022	23:58	55.691	1017.83	35.81	21742.766	15083.908	5507.944	12.907	8.966	22.649	2.422
INV_100	TR2	02-11-2022	23:58	56.245	1017.83	37.559	21739.189	15096.063	5562.949	12.906	9.001	23.756	2.539
INV_100	TR2	02-11-2022	23:58	56.4	1017.83	34.622	22245.354	15505.202	5578.346	13.239	9.137	21.9	2.328
INV_100	TR2	02-11-2022	23:58	55.79	1017.83	34.908	21752.398	15132.933	5517.809	12.918	9.068	22.08	2.356
INV_100	TR2	02-11-2022	23:59	53.754	1017.83	36.966	21640.223	15013.665	5315.766	12.841	8.968	23.38	2.501
INV_100	TR2	02-11-2022	23:59	50.393	1017.83	40.398	20304.758	13681.094	4982.144	11.938	7.921	25.531	2.816
INV_100	TR2	02-11-2022	23:59	47.775	1017.83	46.539	19532.125	13114.274	4722.346	11.441	7.797	29.409	3.264
INV_100	TR2	02-11-2022	23:59	45.083	1017.83	51.358	18608.582	12341.915	4455.216	10.838	7.368	32.444	3.652
INV_100	TR2	02-11-2022	23:59	41.184	1017.83	58.902	17476.607	11710.004	4068.241	10.142	7.725	37.22	4.173
INV_100	TR2	03-11-2022	00:00	38.132	1017.83	74.52	15172.386	10053.172	3765.457	8.694	7.335	47.076	5.379
INV_100	TR2	03-11-2022	00:00	34.52	1017.83	108.544	13674.053	10074.648	3406.913	7.872	11.218	68.779	7.213
INV_100	TR2	03-11-2022	00:00	29.635	1017.83	134.459	13199.678	10139.154	2922.188	7.608	12.861	85.329	8.641
INV_100	TR2	03-11-2022	00:00	26.681	1017.83	141.384	13073.361	10100.673	2628.994	7.533	13.095	89.744	9.045
INV_100	TR2	03-11-2022	00:00	24.289	1017.83	142.99	13020.757	10091.973	2391.701	7.503	13.223	90.775	9.125
INV_100	TR2	03-11-2022	00:01	21.131	1017.83	143.471	12992.792	10084.741	2078.198	7.486	13.282	91.086	9.146
INV_100	TR2	03-11-2022	00:01	17.469	1017.83	143.751	12979.72	10082.067	1714.729	7.479	13.312	91.266	9.158
INV_100	TR2	03-11-2022	00:01	13.119	1017.83	143.771	12974.541	10080.765	1283.087	7.476	13.323	91.28	9.158
INV_100	TR2	03-11-2022	00:01	10.382	1017.83	144.015	12972.857	10078.327	1011.482	7.474	13.318	91.434	9.174
INV_100	TR2	03-11-2022	00:01	6.154	1017.83	144.177	12970.592	10077.914	591.865	7.473	13.324	91.538	9.184
INV_100	TR2	03-11-2022	00:02	3.001	1017.83	144.186	12966.989	10075.628	278.852	7.471	13.326	91.544	9.184
INV_100	TR2	03-11-2022	00:02	0.247	1017.83	144.288	3051.302	2370.293	5.496	1.597	13.315	91.607	9.534
INV_051	TR3	03-11-2022	17:04	0.13	1017.83	153.142	13202.877	10136.567	-4.614	7.61	12.841	97.043	10.68

Station	Transect (TR)	Date	Time	Depth (m)	Barometric Pressure (mBar)	Partial Pressure Oxygen (Torr)	Specific Conductivity ($\mu\text{S}/\text{cm}$)	Actual Conductivity ($\mu\text{S}/\text{cm}$)	Pressure (mBar)	Salinity (PSU)	Temperature ($^{\circ}\text{C}$)	Dissolved Oxygen(%Sat)	Dissolved Oxygen (mg/l)
INV_051	TR3	03-11-2022	17:04	4.083	1017.83	145.815	13202.877	10136.567	386.195	7.61	12.841	92.534	9.374
INV_051	TR3	03-11-2022	17:04	7.815	1017.83	144.188	13166.667	10134.288	756.57	7.589	12.942	91.51	9.251
INV_051	TR3	03-11-2022	17:05	11.604	1017.83	143.643	13150.033	10135.497	1132.616	7.579	12.998	91.169	9.206
INV_051	TR3	03-11-2022	17:05	15.634	1017.83	143.489	13147.941	10138.515	1532.651	7.578	13.016	91.073	9.193
INV_051	TR3	03-11-2022	17:05	19.274	1017.83	143.272	13158.883	10145.635	1893.852	7.585	13.011	90.935	9.179
INV_051	TR3	03-11-2022	17:05	22.117	1017.83	142.541	13292.806	10225.542	2176.01	7.667	12.919	90.463	9.146
INV_051	TR3	03-11-2022	17:05	25.734	1017.83	143.15	13615.177	10507.014	2535.149	7.87	13.048	90.861	9.148
INV_051	TR3	03-11-2022	17:06	29.884	1017.83	143.124	13920.081	10775.884	2946.893	8.062	13.174	90.855	9.112
INV_051	TR3	03-11-2022	17:06	33.547	1017.83	137.642	14758.179	11480.184	3310.561	8.591	13.371	87.393	8.698
INV_051	TR3	03-11-2022	17:06	37.127	1017.83	122.908	17792.594	13893.414	3665.699	10.52	13.526	78.05	7.65
INV_051	TR3	03-11-2022	17:06	41.095	1017.83	111.447	22947.707	18026.402	4059.417	13.874	13.772	70.79	6.76
INV_051	TR3	03-11-2022	17:06	45.037	1017.83	95.86	27177.318	21568.416	4450.732	16.7	14.195	60.916	5.665
INV_051	TR3	03-11-2022	17:07	46.632	1017.83	81.169	30909.709	24135.955	4609.554	19.195	13.526	51.545	4.787
INV_051	TR3	03-11-2022	17:07	45.654	1017.83	75.417	30850.199	24082.674	4512.271	19.154	13.515	47.891	4.45
INV_051	TR3	03-11-2022	17:07	41.801	1017.83	81.968	27388.006	21666.498	4129.482	16.837	14.063	52.08	4.853
INV_051	TR3	03-11-2022	17:07	36.718	1017.83	97.798	20523.615	16130.822	3625.26	12.289	13.794	62.121	5.988
INV_051	TR3	03-11-2022	17:07	32.011	1017.83	114.629	14882.82	11495.079	3157.984	8.664	13.082	72.761	7.284
INV_051	TR3	03-11-2022	17:08	27.4	1017.83	134.045	13876.777	10757.041	2700.648	8.036	13.229	85.097	8.525
INV_051	TR3	03-11-2022	17:08	22.071	1017.83	141.146	13533.983	10446.305	2171.37	7.819	13.055	89.589	9.022
INV_051	TR3	03-11-2022	17:08	17.29	1017.83	142.228	13203.689	10170.655	1697.186	7.612	12.973	90.269	9.118
INV_051	TR3	03-11-2022	17:08	10.962	1017.83	143.279	13173.385	10157.096	1069.22	7.594	13.012	90.939	9.179
INV_051	TR3	03-11-2022	17:08	5.531	1017.83	143.638	13171.711	10153.556	530.635	7.593	13.003	91.166	9.204
INV_051	TR3	03-11-2022	17:09	0.175	1017.83	143.885	13214.461	10185.587	-1.568	7.619	13	91.323	9.219
INV_052	TR3	03-11-2022	16:44	0.17	1017.83	144.121	13358.812	10177.697	-2.12	7.701	12.533	91.32	10.07
INV_052	TR3	03-11-2022	16:44	2.451	1017.83	148.451	13358.812	10177.697	224.194	7.701	12.533	94.178	9.601

Station	Transect (TR)	Date	Time	Depth (m)	Barometric Pressure (mBar)	Partial Pressure Oxygen (Torr)	Specific Conductivity (µS/cm)	Actual Conductivity (µS/cm)	Pressure (mBar)	Salinity (PSU)	Temperature (°C)	Dissolved Oxygen(%Sat)	Dissolved Oxygen (mg/l)
INV_052	TR3	03-11-2022	16:44	8.002	1017.83	144.923	13288.543	10155.049	775.129	7.66	12.654	91.951	9.351
INV_052	TR3	03-11-2022	16:45	13.927	1017.83	144.124	13261.755	10142.923	1363.151	7.644	12.687	91.447	9.294
INV_052	TR3	03-11-2022	16:45	19.816	1017.83	144.904	13552.972	10430.226	1947.583	7.829	12.937	91.964	9.284
INV_052	TR3	03-11-2022	16:45	25.399	1017.83	144.876	13569.804	10456.041	2501.704	7.84	12.986	91.951	9.272
INV_052	TR3	03-11-2022	16:45	30.047	1017.83	144.486	13814.744	10672.901	2963.028	7.995	13.093	91.713	9.218
INV_052	TR3	03-11-2022	16:45	33.681	1017.83	138.036	14430.283	11194.047	3323.584	8.383	13.258	87.633	8.755
INV_052	TR3	03-11-2022	16:46	37.018	1017.83	122.807	16646.287	12986.742	3655.082	9.787	13.49	77.983	7.684
INV_052	TR3	03-11-2022	16:46	40.129	1017.83	113.747	21259.178	16667.51	3963.704	12.765	13.692	72.244	6.958
INV_052	TR3	03-11-2022	16:46	39.898	1017.83	99.546	24169.498	19227.994	3940.961	14.697	14.296	63.264	5.944
INV_052	TR3	03-11-2022	16:46	36.256	1017.83	104.303	20813.27	16369.619	3579.741	12.478	13.822	66.255	6.375
INV_052	TR3	03-11-2022	16:46	31.376	1017.83	118.099	14618.948	11385.505	3096.234	8.504	13.42	74.988	7.46
INV_052	TR3	03-11-2022	16:47	25.971	1017.83	135.266	13583.13	10510.031	2558.453	7.851	13.155	85.865	8.626
INV_052	TR3	03-11-2022	16:47	19.992	1017.83	142.856	13554.835	10461.919	1965.478	7.832	13.054	90.674	9.13
INV_052	TR3	03-11-2022	16:47	14.413	1017.83	144.392	13498.204	10398.45	1412.14	7.796	12.977	91.643	9.246
INV_052	TR3	03-11-2022	16:47	8.6	1017.83	144.005	13258.174	10165.732	835.062	7.643	12.788	91.38	9.266
INV_052	TR3	03-11-2022	16:47	1.861	1017.83	143.913	13262.57	10163.751	167.806	7.645	12.767	91.32	9.264
INV_052	TR3	03-11-2022	16:48	0.159	1017.83	141.799	43.529	33.05	-3.2	0.019	12.396	89.947	9.65
INV_053	TR3	03-11-2022	16:27	0.153	1017.83	143.955	13529.899	10343.646	-3.719	7.81	12.67	91.232	10.01
INV_053	TR3	03-11-2022	16:27	2.432	1017.83	149.964	13529.899	10343.646	222.641	7.81	12.67	95.151	9.664
INV_053	TR3	03-11-2022	16:28	7.455	1017.83	145.816	13563.505	10429.605	720.843	7.835	12.903	92.54	9.349
INV_053	TR3	03-11-2022	16:28	13.501	1017.83	145.247	13567.974	10444.44	1320.928	7.838	12.947	92.183	9.304
INV_053	TR3	03-11-2022	16:28	19.633	1017.83	144.828	13549.429	10438.1	1929.449	7.827	12.978	91.92	9.272
INV_053	TR3	03-11-2022	16:28	25.045	1017.83	144.674	13677.265	10552.146	2466.564	7.908	13.037	91.827	9.245
INV_053	TR3	03-11-2022	16:28	29.265	1017.83	142.505	14126.597	10944.818	2885.456	8.192	13.208	90.466	9.059
INV_053	TR3	03-11-2022	16:29	34.042	1017.83	139.902	14355.28	11151.556	3359.558	8.337	13.315	88.823	8.865

Station	Transect (TR)	Date	Time	Depth (m)	Barometric Pressure (mBar)	Partial Pressure Oxygen (Torr)	Specific Conductivity (µS/cm)	Actual Conductivity (µS/cm)	Pressure (mBar)	Salinity (PSU)	Temperature (°C)	Dissolved Oxygen(%Sat)	Dissolved Oxygen (mg/l)
INV_053	TR3	03-11-2022	16:29	37.673	1017.83	117.589	20318.393	15857.743	3720.124	12.148	13.506	74.671	7.248
INV_053	TR3	03-11-2022	16:29	42.467	1017.83	92.218	23980.354	19165.412	4195.934	14.578	14.488	58.62	5.49
INV_053	TR3	03-11-2022	16:29	42.932	1017.83	69.092	28136.074	22406.322	4242.219	17.351	14.338	43.912	4.055
INV_053	TR3	03-11-2022	16:29	42.928	1017.83	60.022	27544.418	21982.232	4241.805	16.955	14.427	38.151	3.525
INV_053	TR3	03-11-2022	16:30	38.447	1017.83	70.402	25032.285	20051.098	3798.585	15.279	14.582	44.756	4.165
INV_053	TR3	03-11-2022	16:30	33.669	1017.83	100.329	16043.708	12569.418	3324.094	9.408	13.662	63.72	6.27
INV_053	TR3	03-11-2022	16:30	27.549	1017.83	131.572	14126.291	10973.546	2715.92	8.193	13.315	83.534	8.345
INV_053	TR3	03-11-2022	16:30	22.775	1017.83	140.076	13609.388	10524.218	2242.369	7.867	13.131	88.917	8.936
INV_053	TR3	03-11-2022	16:30	18.267	1017.83	143.349	13542.503	10450.083	1794.26	7.824	13.045	90.987	9.164
INV_053	TR3	03-11-2022	16:31	12.164	1017.83	144.437	13546.014	10447.623	1189.564	7.826	13.025	91.675	9.237
INV_053	TR3	03-11-2022	16:31	6.133	1017.83	144.971	13545.608	10441.405	590.539	7.825	13.002	92.012	9.276
INV_053	TR3	03-11-2022	16:31	2.334	1017.83	144.97	13540.749	10436.442	213.706	7.822	12.997	92.012	9.277
INV_053	TR3	03-11-2022	16:31	0.161	1017.83	142.41	81.994	62.877	-3.021	0.038	12.793	90.369	9.608
OWF1_26	TR3	03-11-2022	15:51	0.147	1017.83	147.926	314.598	239.378	-4.401	0.151	12.482	93.739	10.31
OWF1_26	TR3	03-11-2022	15:51	0.816	1017.83	149.085	314.598	239.378	61.917	0.151	12.482	94.576	10.12
OWF1_26	TR3	03-11-2022	15:51	4.545	1017.83	146.236	13506.819	10391.108	432.102	7.8	12.923	92.808	9.374
OWF1_26	TR3	03-11-2022	15:51	8.532	1017.83	145.673	13465.666	10388.218	827.764	7.776	13.035	92.461	9.318
OWF1_26	TR3	03-11-2022	15:51	11.356	1017.83	145.183	13463.439	10396.222	1108.156	7.775	13.072	92.153	9.279
OWF1_26	TR3	03-11-2022	15:52	15.317	1017.83	145.022	13488.232	10422.02	1501.19	7.791	13.098	92.053	9.263
OWF1_26	TR3	03-11-2022	15:52	17.873	1017.83	144.664	13501.548	10435.57	1754.89	7.8	13.111	91.827	9.237
OWF1_26	TR3	03-11-2022	15:52	21.311	1017.83	144.508	13585.174	10503.04	2096.125	7.852	13.122	91.729	9.222
OWF1_26	TR3	03-11-2022	15:52	24.865	1017.83	143.922	13704.583	10594.796	2448.729	7.927	13.12	91.357	9.18
OWF1_26	TR3	03-11-2022	15:52	27.925	1017.83	143.691	13779.264	10650.588	2752.315	7.973	13.112	91.21	9.165
OWF1_26	TR3	03-11-2022	15:53	30.32	1017.83	143.45	13845.038	10704.791	2990.083	8.014	13.125	91.058	9.144
OWF1_26	TR3	03-11-2022	15:53	33.726	1017.83	142.763	13881.621	10744.403	3328.095	8.038	13.168	90.626	9.091

Station	Transect (TR)	Date	Time	Depth (m)	Barometric Pressure (mBar)	Partial Pressure Oxygen (Torr)	Specific Conductivity (µS/cm)	Actual Conductivity (µS/cm)	Pressure (mBar)	Salinity (PSU)	Temperature (°C)	Dissolved Oxygen(%Sat)	Dissolved Oxygen (mg/l)
OWF1_26	TR3	03-11-2022	15:53	36.61	1017.83	115.13	22609.104	17781.926	3614.379	13.653	13.822	73.132	6.986
OWF1_26	TR3	03-11-2022	15:53	36.497	1017.83	95.46	22487.457	17723.695	3603.222	13.576	13.909	60.643	5.785
OWF1_26	TR3	03-11-2022	15:53	35.053	1017.83	93.486	22493.402	17732.846	3459.961	13.58	13.919	59.39	5.664
OWF1_26	TR3	03-11-2022	15:54	31.125	1017.83	120.084	13861.075	10749.771	3070.515	8.026	13.248	76.235	7.635
OWF1_26	TR3	03-11-2022	15:54	28.188	1017.83	138.695	13786.002	10667.935	2779.041	7.978	13.158	88.043	8.837
OWF1_26	TR3	03-11-2022	15:54	24.592	1017.83	142.582	13750.112	10632.413	2421.81	7.955	13.129	90.507	9.092
OWF1_26	TR3	03-11-2022	15:54	21.314	1017.83	143.404	13711.617	10600.739	2096.248	7.931	13.122	91.028	9.147
OWF1_26	TR3	03-11-2022	15:54	17.526	1017.83	143.975	13530.618	10461.701	1720.306	7.818	13.125	91.391	9.189
OWF1_26	TR3	03-11-2022	15:55	13.792	1017.83	144.503	13483.861	10424.007	1349.925	7.789	13.119	91.726	9.226
OWF1_26	TR3	03-11-2022	15:55	10.673	1017.83	144.645	13470.507	10411.526	1040.345	7.781	13.111	91.815	9.237
OWF1_26	TR3	03-11-2022	15:55	6.497	1017.83	144.748	13447.689	10391.424	625.75	7.766	13.101	91.88	9.246
OWF1_26	TR3	03-11-2022	15:55	2.989	1017.83	145.018	13447.416	10390.479	277.795	7.766	13.098	92.051	9.264
OWF1_26	TR3	03-11-2022	15:55	0.142	1017.83	143.58	291.915	225.427	-4.922	0.14	13.075	91.136	9.622
INV_080	TR3	03-11-2022	15:28	0.14	1017.83	144.619	13277.381	10218.559	-4.684	7.658	12.938	91.646	10.08
INV_080	TR3	03-11-2022	15:28	2.31	1017.83	147.594	13277.381	10218.559	210.208	7.658	12.938	93.672	9.466
INV_080	TR3	03-11-2022	15:28	5.66	1017.83	145.67	13245.778	10219.008	542.735	7.639	13.036	92.459	9.325
INV_080	TR3	03-11-2022	15:28	8.387	1017.83	145.283	13243.459	10234.474	813.353	7.639	13.104	92.22	9.287
INV_080	TR3	03-11-2022	15:28	10.96	1017.83	144.979	13230.857	10229.592	1068.708	7.632	13.124	92.028	9.264
INV_080	TR3	03-11-2022	15:29	14.62	1017.83	144.957	13227.329	10227.753	1431.961	7.629	13.127	92.015	9.262
INV_080	TR3	03-11-2022	15:29	17.752	1017.83	144.696	13308.641	10293.428	1742.778	7.68	13.138	91.85	9.24
INV_080	TR3	03-11-2022	15:29	21.27	1017.83	144.371	13431.658	10383.779	2092.043	7.756	13.119	91.643	9.219
INV_080	TR3	03-11-2022	15:29	24.384	1017.83	143.872	13671.37	10572.743	2401.048	7.906	13.133	91.327	9.176
INV_080	TR3	03-11-2022	15:29	27.473	1017.83	142.712	13776.791	10661.317	2707.54	7.972	13.16	90.593	9.093
INV_080	TR3	03-11-2022	15:30	29.215	1017.83	142.294	13771.426	10656.614	2880.448	7.969	13.158	90.327	9.067
INV_080	TR3	03-11-2022	15:30	27.729	1017.83	142.126	13772.511	10658.292	2732.884	7.97	13.161	90.221	9.056

Station	Transect (TR)	Date	Time	Depth (m)	Barometric Pressure (mBar)	Partial Pressure Oxygen (Torr)	Specific Conductivity (µS/cm)	Actual Conductivity (µS/cm)	Pressure (mBar)	Salinity (PSU)	Temperature (°C)	Dissolved Oxygen(%Sat)	Dissolved Oxygen (mg/l)
INV_080	TR3	03-11-2022	15:30	28.376	1017.83	142.158	13776.536	10659.363	2797.12	7.972	13.154	90.241	9.059
INV_080	TR3	03-11-2022	15:30	25.014	1017.83	142.219	13752.92	10641.325	2463.733	7.957	13.154	90.279	9.064
INV_080	TR3	03-11-2022	15:30	20.79	1017.83	143.087	13515.9	10448.013	2044.324	7.809	13.116	90.827	9.135
INV_080	TR3	03-11-2022	15:31	17.819	1017.83	144.364	13369.366	10335.513	1749.485	7.718	13.119	91.638	9.221
INV_080	TR3	03-11-2022	15:31	13.839	1017.83	144.823	13228.497	10232.162	1354.565	7.63	13.141	91.931	9.251
INV_080	TR3	03-11-2022	15:31	9.08	1017.83	144.939	13218.319	10223.849	882.214	7.624	13.139	92.004	9.259
INV_080	TR3	03-11-2022	15:31	3.992	1017.83	145.163	13210.477	10216.468	377.739	7.619	13.134	92.146	9.275
INV_080	TR3	03-11-2022	15:31	0.286	1017.83	145.256	13225.964	10227.409	9.793	7.629	13.13	92.205	9.281
SPA_111	TR3	03-11-2022	15:09	0.179	1017.83	143.498	13890.108	10664.045	-1.052	8.037	12.84	90.939	9.99
SPA_111	TR3	03-11-2022	15:10	2.421	1017.83	148.969	13890.108	10664.045	221.244	8.037	12.84	94.535	9.552
SPA_111	TR3	03-11-2022	15:10	6.767	1017.83	145.632	13191.611	10166.448	652.595	7.605	12.993	92.431	9.333
SPA_111	TR3	03-11-2022	15:10	11.653	1017.83	144.751	13161.827	10160.464	1137.561	7.588	13.061	91.878	9.264
SPA_111	TR3	03-11-2022	15:10	15.316	1017.83	144.295	13157.047	10163.668	1500.957	7.585	13.088	91.591	9.23
SPA_111	TR3	03-11-2022	15:10	20.049	1017.83	143.691	13200.361	10204.526	1970.791	7.613	13.118	91.211	9.184
SPA_111	TR3	03-11-2022	15:11	20.587	1017.83	142.471	13322.888	10308.284	2024.17	7.689	13.153	90.439	9.095
SPA_111	TR3	03-11-2022	15:11	21.402	1017.83	142.203	13321.529	10307.605	2105.018	7.689	13.155	90.269	9.078
SPA_111	TR3	03-11-2022	15:11	18.842	1017.83	142.263	13259.839	10259.668	1850.961	7.65	13.154	90.307	9.084
SPA_111	TR3	03-11-2022	15:11	15.058	1017.83	143.078	13153.399	10172.66	1475.431	7.584	13.135	90.823	9.143
SPA_111	TR3	03-11-2022	15:11	11.944	1017.83	143.867	13117.514	10141.108	1166.422	7.561	13.12	91.322	9.198
SPA_111	TR3	03-11-2022	15:12	8.107	1017.83	144.268	13109.523	10133.916	785.581	7.556	13.116	91.576	9.224
SPA_111	TR3	03-11-2022	15:12	4.215	1017.83	144.548	13106.485	10131.36	399.278	7.554	13.115	91.754	9.243
SPA_111	TR3	03-11-2022	15:12	0.986	1017.83	144.53	13097.021	10123.909	79.361	7.548	13.115	91.743	9.242
SPA_111	TR3	03-11-2022	15:12	0.176	1017.83	142.423	153.583	117.455	-1.496	0.072	12.684	90.367	9.629
SPA_113	TR3	03-11-2022	14:49	0.17	1017.83	148.123	13085.929	10088.361	-2.112	7.54	13.007	93.9	10.23
SPA_113	TR3	03-11-2022	14:49	2.732	1017.83	145.509	13085.929	10088.361	252.117	7.54	13.007	92.354	9.326

Station	Transect (TR)	Date	Time	Depth (m)	Barometric Pressure (mBar)	Partial Pressure Oxygen (Torr)	Specific Conductivity (µS/cm)	Actual Conductivity (µS/cm)	Pressure (mBar)	Salinity (PSU)	Temperature (°C)	Dissolved Oxygen(%Sat)	Dissolved Oxygen (mg/l)
SPA_113	TR3	03-11-2022	14:49	6.258	1017.83	143.27	13061.457	10089.206	602.148	7.526	13.086	90.94	9.168
SPA_113	TR3	03-11-2022	14:50	9.811	1017.83	142.804	13045.655	10086.919	954.724	7.517	13.126	90.648	9.131
SPA_113	TR3	03-11-2022	14:50	12.925	1017.83	142.422	13039.66	10086.066	1263.809	7.513	13.141	90.407	9.104
SPA_113	TR3	03-11-2022	14:50	16.004	1017.83	142.335	13037.682	10087.109	1569.295	7.512	13.151	90.353	9.097
SPA_113	TR3	03-11-2022	14:50	16.458	1017.83	142.256	13022.988	10074.854	1616.961	7.503	13.148	90.302	9.093
SPA_113	TR3	03-11-2022	14:50	16.792	1017.83	142.159	13038.005	10088.086	1648.338	7.512	13.154	90.241	9.085
SPA_113	TR3	03-11-2022	14:51	14.82	1017.83	142.325	13037.29	10087.716	1452.54	7.512	13.155	90.347	9.095
SPA_113	TR3	03-11-2022	14:51	12.233	1017.83	142.397	13040.084	10089.623	1195.087	7.514	13.154	90.392	9.1
SPA_113	TR3	03-11-2022	14:51	9.258	1017.83	142.264	13037.144	10086.206	899.79	7.512	13.149	90.308	9.093
SPA_113	TR3	03-11-2022	14:51	5.851	1017.83	142.554	13037.76	10086.729	561.769	7.512	13.149	90.492	9.111
SPA_113	TR3	03-11-2022	14:51	2.197	1017.83	142.552	13037.807	10087.077	199.01	7.512	13.151	90.491	9.111
SPA_113	TR3	03-11-2022	14:52	0.163	1017.83	139.525	132.525	102.087	-2.623	0.062	12.975	88.554	9.375
SPA_125	TR3	03-11-2022	14:24	0.166	1017.83	144.128	13125.043	10115.783	-2.099	7.564	12.996	91.367	9.955
SPA_125	TR3	03-11-2022	14:24	5.748	1017.83	144.795	13125.043	10115.783	551.516	7.564	12.996	91.901	9.281
SPA_125	TR3	03-11-2022	14:24	11.588	1017.83	142.798	13092.237	10103.648	1131.033	7.544	13.049	90.638	9.144
SPA_125	TR3	03-11-2022	14:25	15	1017.83	142.351	13074.307	10093.305	1469.673	7.533	13.063	90.355	9.113
SPA_125	TR3	03-11-2022	14:25	18.422	1017.83	142.127	13071.243	10094.189	1809.259	7.532	13.076	90.214	9.097
SPA_125	TR3	03-11-2022	14:25	17.972	1017.83	142.169	13068.535	10094.54	1764.675	7.53	13.085	90.242	9.098
SPA_125	TR3	03-11-2022	14:25	14.526	1017.83	142.161	13069.205	10096.279	1422.75	7.531	13.09	90.237	9.096
SPA_125	TR3	03-11-2022	14:25	9.07	1017.83	142.219	13064.221	10092.938	881.195	7.528	13.092	90.274	9.1
SPA_125	TR3	03-11-2022	14:26	3.922	1017.83	142.322	13067.349	10095.193	370.385	7.53	13.092	90.339	9.106
SPA_125	TR3	03-11-2022	14:26	0.186	1017.83	141.375	188.572	145.652	-0.459	0.089	13.083	89.737	9.476
SPA_140	TR3	03-11-2022	14:07	0.159	1017.83	143.822	13120.211	10116.944	-2.656	7.561	13.016	91.176	9.927
SPA_140	TR3	03-11-2022	14:07	5.443	1017.83	143.737	13120.211	10116.944	521.251	7.561	13.016	91.231	9.21
SPA_140	TR3	03-11-2022	14:07	10.516	1017.83	142.161	13108.315	10121.443	1024.882	7.555	13.07	90.235	9.099

Station	Transect (TR)	Date	Time	Depth (m)	Barometric Pressure (mBar)	Partial Pressure Oxygen (Torr)	Specific Conductivity (µS/cm)	Actual Conductivity (µS/cm)	Pressure (mBar)	Salinity (PSU)	Temperature (°C)	Dissolved Oxygen(%Sat)	Dissolved Oxygen (mg/l)
SPA_140	TR3	03-11-2022	14:07	16.943	1017.83	141.423	13108.789	10122.888	1662.546	7.555	13.074	89.767	9.051
SPA_140	TR3	03-11-2022	14:07	19.327	1017.83	140.677	13108.186	10113.615	1899.04	7.554	13.039	89.29	9.009
SPA_140	TR3	03-11-2022	14:08	19.386	1017.83	140.258	13125.378	10124.947	1905.115	7.565	13.032	89.024	8.984
SPA_140	TR3	03-11-2022	14:08	14.445	1017.83	140.77	13114.897	10126.586	1414.631	7.559	13.07	89.352	9.009
SPA_140	TR3	03-11-2022	14:08	9.244	1017.83	141.434	13109.521	10130.939	898.537	7.556	13.104	89.777	9.046
SPA_140	TR3	03-11-2022	14:08	3.655	1017.83	141.848	13105.174	10128.856	343.738	7.553	13.109	90.04	9.071
SPA_140	TR3	03-11-2022	14:08	0.204	1017.83	138.275	405.683	312.333	1.339	0.195	12.953	87.759	9.288
SPA_x1	TR3	03-11-2022	13:48	0.186	1017.83	142.445	13202.077	10160.229	-0.51	7.611	12.937	90.307	9.822
SPA_x1	TR3	03-11-2022	13:48	3.844	1017.83	145.994	13202.077	10160.229	362.466	7.611	12.937	92.656	9.367
SPA_x1	TR3	03-11-2022	13:48	8.251	1017.83	143.322	13178.998	10156.172	799.825	7.597	12.991	90.965	9.186
SPA_x1	TR3	03-11-2022	13:49	13.345	1017.83	142.714	13163.536	10154.459	1305.389	7.588	13.032	90.583	9.139
SPA_x1	TR3	03-11-2022	13:49	17.911	1017.83	142.237	13158.788	10153.317	1758.507	7.586	13.042	90.281	9.107
SPA_x1	TR3	03-11-2022	13:49	23.516	1017.83	142.073	13156.263	10150.796	2314.799	7.584	13.04	90.176	9.097
SPA_x1	TR3	03-11-2022	13:49	28.82	1017.83	134.266	13127.023	10078.574	2841.992	7.562	12.842	85.205	8.634
SPA_x1	TR3	03-11-2022	13:49	29.113	1017.83	116.363	13346.171	9505.667	2870.335	7.641	9.934	73.653	7.966
SPA_x1	TR3	03-11-2022	13:50	29.219	1017.83	111.43	13382.421	9515.259	2884.989	7.662	9.871	70.527	7.638
SPA_x1	TR3	03-11-2022	13:50	24.893	1017.83	126.863	13354.353	10122.009	2451.762	7.695	12.328	80.467	8.241
SPA_x1	TR3	03-11-2022	13:50	19.994	1017.83	139.239	13236.289	10168.752	1965.93	7.631	12.866	88.363	8.946
SPA_x1	TR3	03-11-2022	13:50	14.372	1017.83	141.761	13205.285	10166.547	1407.74	7.613	12.952	89.971	9.092
SPA_x1	TR3	03-11-2022	13:50	8.895	1017.83	142.332	13184.127	10161.14	863.908	7.6	12.995	90.337	9.121
SPA_x1	TR3	03-11-2022	13:51	3.304	1017.83	142.605	13173.036	10159.103	308.863	7.594	13.021	90.513	9.134
SPA_x1	TR3	03-11-2022	13:51	0.191	1017.83	140.086	79.036	60.309	-0.037	0.036	12.595	88.877	9.491
OWF2_28	TR3	03-11-2022	13:33	0.197	1017.83	143.341	13156.737	10102.724	0.511	7.581	12.847	90.898	9.823
OWF2_28	TR3	03-11-2022	13:33	2.514	1017.83	148.932	13156.737	10102.724	230.547	7.581	12.847	94.512	9.575
OWF2_28	TR3	03-11-2022	13:34	8.247	1017.83	144.043	13140.877	10125.649	799.516	7.573	12.987	91.422	9.234

Station	Transect (TR)	Date	Time	Depth (m)	Barometric Pressure (mBar)	Partial Pressure Oxygen (Torr)	Specific Conductivity (μS/cm)	Actual Conductivity (μS/cm)	Pressure (mBar)	Salinity (PSU)	Temperature (°C)	Dissolved Oxygen(%Sat)	Dissolved Oxygen (mg/l)
OWF2_28	TR3	03-11-2022	13:34	14.317	1017.83	143.265	13143.535	10132.585	1401.828	7.575	13.006	90.93	9.18
OWF2_28	TR3	03-11-2022	13:34	19.702	1017.83	142.901	13149.188	10137.42	1936.318	7.579	13.008	90.699	9.156
OWF2_28	TR3	03-11-2022	13:34	25.102	1017.83	141.615	13169.782	10146.673	2472.153	7.591	12.982	89.881	9.078
OWF2_28	TR3	03-11-2022	13:34	30.052	1017.83	118.671	12974.772	9034.949	2963.443	7.393	9.102	75.064	8.292
OWF2_28	TR3	03-11-2022	13:35	33.36	1017.83	108.088	13649.219	9133.992	3291.951	7.768	7.68	68.298	7.785
OWF2_28	TR3	03-11-2022	13:35	33.595	1017.83	102.327	13753.757	9141.754	3315.767	7.825	7.444	64.647	7.409
OWF2_28	TR3	03-11-2022	13:35	33.225	1017.83	100.439	13812.746	9156.942	3278.393	7.858	7.353	63.45	7.286
OWF2_28	TR3	03-11-2022	13:35	31.945	1017.83	100.815	13732.185	9093.667	3151.488	7.808	7.315	63.686	7.322
OWF2_28	TR3	03-11-2022	13:35	25.767	1017.83	115.305	13594.802	9269.389	2538.148	7.754	8.342	72.893	8.179
OWF2_28	TR3	03-11-2022	13:36	19.805	1017.83	133.65	13441.789	10151.154	1946.514	7.746	12.183	84.761	8.705
OWF2_28	TR3	03-11-2022	13:36	13.55	1017.83	140.456	13278.892	10148.692	1325.72	7.654	12.658	89.117	9.062
OWF2_28	TR3	03-11-2022	13:36	7.236	1017.83	142.789	13218.272	10142.979	699.086	7.619	12.819	90.611	9.183
OWF2_28	TR3	03-11-2022	13:36	0.374	1017.83	143.365	13170.762	10125.882	18.801	7.591	12.896	90.984	9.207
OWF2_28	TR3	03-11-2022	13:36	0.179	1017.83	141.324	133.686	100.906	0.108	0.063	12.162	89.626	9.664
OWF2_26	TR3	03-11-2022	13:14	0.175	1017.83	143.127	13161.871	10096.06	-1.463	7.584	12.805	90.758	9.821
OWF2_26	TR3	03-11-2022	13:15	2.046	1017.83	149.039	13161.871	10096.06	184.188	7.584	12.805	94.576	9.59
OWF2_26	TR3	03-11-2022	13:15	8.174	1017.83	143.455	13140.562	10112.928	792.248	7.572	12.937	91.044	9.206
OWF2_26	TR3	03-11-2022	13:15	13.601	1017.83	142.492	13136.62	10114.063	1330.804	7.57	12.954	90.435	9.141
OWF2_26	TR3	03-11-2022	13:15	19.079	1017.83	142.156	13141.357	10117.674	1874.395	7.573	12.953	90.222	9.12
OWF2_26	TR3	03-11-2022	13:15	24.74	1017.83	142.021	13137.828	10116.243	2436.326	7.571	12.959	90.136	9.11
OWF2_26	TR3	03-11-2022	13:16	29.213	1017.83	141.095	13160.527	10117.973	2880.231	7.584	12.896	89.543	9.062
OWF2_26	TR3	03-11-2022	13:16	32.963	1017.83	118.138	13444.959	9438.476	3252.403	7.689	9.398	74.744	8.183
OWF2_26	TR3	03-11-2022	13:16	37.771	1017.83	98.814	16041.493	10895.249	3729.5	9.263	8.204	62.461	6.963
OWF2_26	TR3	03-11-2022	13:16	40.894	1017.83	77.222	18803.006	12789.582	4039.475	10.999	8.256	48.815	5.374
OWF2_26	TR3	03-11-2022	13:16	41.882	1017.83	62.197	19254.594	13094.101	4137.453	11.285	8.249	39.317	4.321

Station	Transect (TR)	Date	Time	Depth (m)	Barometric Pressure (mBar)	Partial Pressure Oxygen (Torr)	Specific Conductivity (µS/cm)	Actual Conductivity (µS/cm)	Pressure (mBar)	Salinity (PSU)	Temperature (°C)	Dissolved Oxygen(%Sat)	Dissolved Oxygen (mg/l)
OWF2_26	TR3	03-11-2022	13:17	41.941	1017.83	57.118	19277.117	13084.953	4143.507	11.296	8.182	36.104	3.974
OWF2_26	TR3	03-11-2022	13:17	41.823	1017.83	56.254	19292.635	13079.064	4131.674	11.304	8.138	35.557	3.918
OWF2_26	TR3	03-11-2022	13:17	41.642	1017.83	56.289	19213.363	13031.056	4113.921	11.255	8.153	35.579	3.92
OWF2_26	TR3	03-11-2022	13:17	41.443	1017.83	56.007	19330.832	13098.952	4094.029	11.328	8.121	35.401	3.902
OWF2_26	TR3	03-11-2022	13:17	39.863	1017.83	56.588	18727.094	12691.874	3937.193	10.946	8.127	35.768	3.951
OWF2_26	TR3	03-11-2022	13:18	32.963	1017.83	71.867	15506.781	10423.959	3252.365	8.918	7.839	45.416	5.119
OWF2_26	TR3	03-11-2022	13:18	26.774	1017.83	112.909	13508.943	10119.644	2638.444	7.782	11.864	71.586	7.403
OWF2_26	TR3	03-11-2022	13:18	19.713	1017.83	135.944	13261.029	10125.583	1937.649	7.642	12.621	86.251	8.779
OWF2_26	TR3	03-11-2022	13:18	13.64	1017.83	141.099	13202.438	10127.462	1335.415	7.609	12.806	89.538	9.078
OWF2_26	TR3	03-11-2022	13:18	7.67	1017.83	142.346	13182.324	10127.919	742.156	7.597	12.869	90.335	9.147
OWF2_26	TR3	03-11-2022	13:19	0.59	1017.83	142.682	13166.823	10131.232	39.661	7.589	12.929	90.553	9.157
OWF2_26	TR3	03-11-2022	13:19	0.15	1017.83	139.379	80.482	60.931	-3.636	0.037	12.281	88.402	9.508
OWF2_11	TR3	03-11-2022	12:47	0.214	1017.83	147.373	13031.256	10020.716	2.353	7.504	12.904	93.491	10.01
OWF2_11	TR3	03-11-2022	12:47	1.904	1017.83	147.52	13031.256	10020.716	169.982	7.504	12.904	93.621	9.477
OWF2_11	TR3	03-11-2022	12:47	5.859	1017.83	145.887	13094.007	10083.813	562.461	7.544	12.964	92.59	9.359
OWF2_11	TR3	03-11-2022	12:47	9.744	1017.83	145.385	13093.853	10086.804	948.016	7.544	12.976	92.273	9.324
OWF2_11	TR3	03-11-2022	12:48	13.934	1017.83	144.851	13116.646	10107.284	1363.835	7.558	12.988	91.935	9.287
OWF2_11	TR3	03-11-2022	12:48	17.663	1017.83	144.51	13125.532	10116.471	1733.968	7.564	12.997	91.72	9.263
OWF2_11	TR3	03-11-2022	12:48	21.528	1017.83	144.231	13123.904	10116.471	2117.542	7.563	13.002	91.543	9.244
OWF2_11	TR3	03-11-2022	12:48	25.658	1017.83	144.074	13133.156	10125.522	2527.455	7.569	13.01	91.444	9.232
OWF2_11	TR3	03-11-2022	12:48	29.229	1017.83	127.173	13233.117	10079.171	2881.734	7.623	12.522	80.679	8.23
OWF2_11	TR3	03-11-2022	12:49	33.584	1017.83	110.172	14608.93	10115.881	3313.956	8.395	8.898	69.677	7.684
OWF2_11	TR3	03-11-2022	12:49	37.428	1017.83	87.334	17325.619	11625.515	3695.482	10.049	7.775	55.188	6.184
OWF2_11	TR3	03-11-2022	12:49	41.734	1017.83	71.091	18411.988	12280.821	4122.807	10.723	7.566	44.917	5.036
OWF2_11	TR3	03-11-2022	12:49	46.562	1017.83	58.952	19603.291	13136.536	4601.979	11.483	7.729	37.252	4.14

Station	Transect (TR)	Date	Time	Depth (m)	Barometric Pressure (mBar)	Partial Pressure Oxygen (Torr)	Specific Conductivity (µS/cm)	Actual Conductivity (µS/cm)	Pressure (mBar)	Salinity (PSU)	Temperature (°C)	Dissolved Oxygen(%Sat)	Dissolved Oxygen (mg/l)
OWF2_11	TR3	03-11-2022	12:49	49.781	1017.83	50.689	20835.104	14036.65	4921.368	12.275	7.916	32.034	3.526
OWF2_11	TR3	03-11-2022	12:50	50.99	1017.83	43.632	21006.639	14332.559	5042.633	12.406	8.366	27.584	3.001
OWF2_11	TR3	03-11-2022	12:50	50.401	1017.83	41.499	20982.916	14321.902	4983.12	12.392	8.38	26.236	2.854
OWF2_11	TR3	03-11-2022	12:50	49.959	1017.83	40.847	20990.021	14329.108	4939.47	12.397	8.385	25.823	2.809
OWF2_11	TR3	03-11-2022	12:50	48.244	1017.83	40.183	20553.83	13935.917	4769.058	12.107	8.142	25.399	2.784
OWF2_11	TR3	03-11-2022	12:50	42.935	1017.83	43.572	19672.732	13187.472	4242.08	11.528	7.74	27.533	3.058
OWF2_11	TR3	03-11-2022	12:51	36.721	1017.83	51.872	18061.648	11990.525	3625.356	10.496	7.401	32.77	3.694
OWF2_11	TR3	03-11-2022	12:51	31.669	1017.83	67.567	15394.079	10378.726	3124.063	8.852	7.943	42.702	4.803
OWF2_11	TR3	03-11-2022	12:51	25.126	1017.83	106.164	13636.979	10140.047	2474.593	7.856	11.574	67.292	7.001
OWF2_11	TR3	03-11-2022	12:51	19.831	1017.83	134.181	13309.291	10135.187	1949.118	7.67	12.514	85.124	8.683
OWF2_11	TR3	03-11-2022	12:51	13.927	1017.83	141.609	13219.805	10127.842	1363.274	7.619	12.755	89.857	9.12
OWF2_11	TR3	03-11-2022	12:52	7.821	1017.83	143.677	13173.969	10115.914	757.174	7.592	12.847	91.177	9.237
OWF2_11	TR3	03-11-2022	12:52	2.063	1017.83	144.263	13155.384	10115.108	185.859	7.581	12.9	91.554	9.265
OWF2_11	TR3	03-11-2022	12:52	0.204	1017.83	140.621	509.218	386.945	1.48	0.247	12.428	89.203	9.549
INV_105	TR3	03-11-2022	12:16	0.197	1017.83	146.23	12596.149	9729.828	0.695	7.237	13.086	92.828	9.786
INV_105	TR3	03-11-2022	12:16	1.956	1017.83	147.648	12596.149	9729.828	175.209	7.237	13.086	93.72	9.465
INV_105	TR3	03-11-2022	12:16	6.136	1017.83	145.945	12770.71	9860.236	590.037	7.345	13.068	92.637	9.353
INV_105	TR3	03-11-2022	12:16	10.744	1017.83	145.371	12825.393	9899.015	1047.366	7.379	13.054	92.271	9.317
INV_105	TR3	03-11-2022	12:16	14.854	1017.83	145.073	12870.547	9932.093	1455.245	7.407	13.047	92.082	9.298
INV_105	TR3	03-11-2022	12:17	19.24	1017.83	144.429	12894.772	9947.344	1890.489	7.421	13.033	91.672	9.259
INV_105	TR3	03-11-2022	12:17	23.086	1017.83	144.429	12930.702	9973.696	2272.19	7.444	13.027	91.672	9.248
INV_105	TR3	03-11-2022	12:17	27.521	1017.83	144.07	12963.579	9997.992	2712.278	7.464	13.023	91.443	9.235
INV_105	TR3	03-11-2022	12:17	31.272	1017.83	120.717	12903.897	9776.988	3084.524	7.415	12.313	76.568	7.858
INV_105	TR3	03-11-2022	12:17	36.316	1017.83	96.181	15733.399	10838.961	3585.097	9.088	8.713	60.82	6.706
INV_105	TR3	03-11-2022	12:18	40.955	1017.83	73.536	17388.988	11722.013	4045.484	10.096	7.937	46.474	5.186

Station	Transect (TR)	Date	Time	Depth (m)	Barometric Pressure (mBar)	Partial Pressure Oxygen (Torr)	Specific Conductivity (µS/cm)	Actual Conductivity (µS/cm)	Pressure (mBar)	Salinity (PSU)	Temperature (°C)	Dissolved Oxygen(%Sat)	Dissolved Oxygen (mg/l)
INV_105	TR3	03-11-2022	12:18	47.167	1017.83	57.212	18064.617	12072.346	4661.966	10.508	7.633	36.15	4.052
INV_105	TR3	03-11-2022	12:18	51.007	1017.83	35.369	21910.447	14960.329	5043.136	12.988	8.392	22.36	2.422
INV_105	TR3	03-11-2022	12:18	51.311	1017.83	26.685	22183.258	15386.863	5073.221	13.191	8.959	16.877	1.802
INV_105	TR3	03-11-2022	12:19	50.921	1017.83	24.364	22175.412	15408.62	5034.562	13.189	9.024	15.41	1.643
INV_105	TR3	03-11-2022	12:19	47.773	1017.83	23.906	22085.092	15334.713	4722.113	13.129	8.997	15.12	1.614
INV_105	TR3	03-11-2022	12:19	42.269	1017.83	25.995	19400.783	12984.169	4175.917	11.353	7.684	16.426	1.829
INV_105	TR3	03-11-2022	12:19	36.436	1017.83	39.632	17948.932	11975.288	3597.046	10.432	7.575	25.041	2.812
INV_105	TR3	03-11-2022	12:19	31.096	1017.83	57.983	16284.896	10937.381	3067.036	9.401	7.808	36.641	4.12
INV_105	TR3	03-11-2022	12:20	25.466	1017.83	94.313	13601.277	10109.886	2508.355	7.834	11.56	59.779	6.222
INV_105	TR3	03-11-2022	12:20	19.952	1017.83	126.241	13258.688	10117.585	1961.222	7.64	12.596	80.093	8.156
INV_105	TR3	03-11-2022	12:20	14.261	1017.83	139.321	13171.774	10110.631	1396.476	7.59	12.832	88.412	8.96
INV_105	TR3	03-11-2022	12:20	8.689	1017.83	143.374	13123.585	10100.625	843.447	7.562	12.94	90.993	9.201
INV_105	TR3	03-11-2022	12:20	3.346	1017.83	144.348	13100.266	10095.195	313.368	7.548	12.99	91.616	9.254
INV_105	TR3	03-11-2022	12:21	0.163	1017.83	138.956	182.364	140.07	-2.844	0.086	12.858	88.183	9.359
INV_057	TR4	03-11-2022	17:45	0.152	1017.83	147.442	13201.897	10047.394	-3.811	7.603	12.49	93.413	10.33
INV_057	TR4	03-11-2022	17:45	2.202	1017.83	149.156	13201.897	10047.394	199.479	7.603	12.49	94.622	9.661
INV_057	TR4	03-11-2022	17:45	8.99	1017.83	145.563	13185.429	10106.46	873.241	7.598	12.774	92.368	9.372
INV_057	TR4	03-11-2022	17:46	15.48	1017.83	144.509	13163.461	10109.328	1517.358	7.585	12.853	91.706	9.289
INV_057	TR4	03-11-2022	17:46	19.166	1017.83	144.095	13193.955	10150.731	1883.309	7.605	12.924	91.45	9.248
INV_057	TR4	03-11-2022	17:46	24.316	1017.83	144.057	13636.358	10545.839	2394.324	7.884	13.134	91.444	9.189
INV_057	TR4	03-11-2022	17:46	28.981	1017.83	143.751	13705.692	10604.175	2857.238	7.928	13.152	91.252	9.163
INV_057	TR4	03-11-2022	17:46	32.59	1017.83	143.142	13945.016	10811.925	3215.37	8.079	13.237	90.873	9.1
INV_057	TR4	03-11-2022	17:47	36.079	1017.83	135.229	16986.869	13191.646	3561.624	10	13.303	85.855	8.483
INV_057	TR4	03-11-2022	17:47	40.036	1017.83	112.753	22817.021	18081.535	3954.312	13.799	14.134	71.646	6.792
INV_057	TR4	03-11-2022	17:47	42.948	1017.83	102.813	25500.822	20035.289	4243.294	15.564	13.779	65.306	6.17

Station	Transect (TR)	Date	Time	Depth (m)	Barometric Pressure (mBar)	Partial Pressure Oxygen (Torr)	Specific Conductivity (µS/cm)	Actual Conductivity (µS/cm)	Pressure (mBar)	Salinity (PSU)	Temperature (°C)	Dissolved Oxygen(%Sat)	Dissolved Oxygen (mg/l)
INV_057	TR4	03-11-2022	17:47	45.779	1017.83	77.716	29616.684	23364.281	4524.375	18.336	13.947	49.373	4.569
INV_057	TR4	03-11-2022	17:47	46.574	1017.83	57.716	30026.926	23635.32	4603.234	18.61	13.855	36.663	3.394
INV_057	TR4	03-11-2022	17:48	45.552	1017.83	52.096	30027.133	23627.391	4503.19	18.61	13.841	33.093	3.064
INV_057	TR4	03-11-2022	17:48	40.004	1017.83	63.727	25417.549	20014.775	3951.21	15.512	13.871	40.483	3.819
INV_057	TR4	03-11-2022	17:48	34.593	1017.83	92.553	17935.068	14044.779	3414.288	10.613	13.643	58.781	5.743
INV_057	TR4	03-11-2022	17:48	27.253	1017.83	130.705	13907.471	10790.442	2686.027	8.056	13.266	82.98	8.305
INV_057	TR4	03-11-2022	17:48	22.605	1017.83	140.783	13690.854	10607.957	2224.61	7.92	13.211	89.373	8.964
INV_057	TR4	03-11-2022	17:49	17.432	1017.83	142.519	13161.589	10141.013	1711.229	7.586	12.984	90.455	9.136
INV_057	TR4	03-11-2022	17:49	11.847	1017.83	143.34	13151.159	10124.107	1157.108	7.579	12.949	90.973	9.196
INV_057	TR4	03-11-2022	17:49	5.924	1017.83	143.538	13149.524	10118.297	569.035	7.578	12.931	91.097	9.212
INV_057	TR4	03-11-2022	17:49	0.144	1017.83	143.886	13154.874	10119.14	-4.694	7.581	12.918	91.317	9.237
INV_058	TR4	03-11-2022	18:02	0.468	1017.83	151.997	13241.813	10128.49	28.731	7.631	12.69	96.377	10.44
INV_058	TR4	03-11-2022	18:02	4.643	1017.83	144.895	13241.813	10128.49	443.877	7.631	12.69	91.936	9.343
INV_058	TR4	03-11-2022	18:03	9.025	1017.83	143.91	13224.02	10124.363	876.86	7.621	12.728	91.315	9.273
INV_058	TR4	03-11-2022	18:03	12.888	1017.83	143.606	13224.244	10131.271	1260.091	7.621	12.755	91.125	9.248
INV_058	TR4	03-11-2022	18:03	16.262	1017.83	143.786	13241.307	10150.801	1595.006	7.632	12.78	91.241	9.254
INV_058	TR4	03-11-2022	18:03	18.744	1017.83	144.24	13652.531	10510.335	1841.227	7.891	12.95	91.544	9.236
INV_058	TR4	03-11-2022	18:03	22.016	1017.83	144.033	13759.296	10613.224	2165.968	7.959	13.029	91.42	9.203
INV_058	TR4	03-11-2022	18:04	25.749	1017.83	143.648	13793.854	10648.411	2536.395	7.981	13.061	91.178	9.171
INV_058	TR4	03-11-2022	18:04	28.443	1017.83	143.226	13864.575	10717.988	2803.827	8.026	13.118	90.915	9.131
INV_058	TR4	03-11-2022	18:04	30.894	1017.83	141.887	14122.398	10948.14	3047.507	8.19	13.232	90.076	9.015
INV_058	TR4	03-11-2022	18:04	34.023	1017.83	135.719	16834.697	13077.209	3358.391	9.903	13.314	86.167	8.517
INV_058	TR4	03-11-2022	18:04	37.591	1017.83	114.059	21872.551	17242.602	3712.094	13.173	13.917	72.459	6.928
INV_058	TR4	03-11-2022	18:05	39.694	1017.83	99.957	23826.658	19061.848	3920.369	14.477	14.53	63.541	5.949
INV_058	TR4	03-11-2022	18:05	40.566	1017.83	95.364	24366.859	19480.289	4008.482	14.834	14.5	60.62	5.666

Station	Transect (TR)	Date	Time	Depth (m)	Barometric Pressure (mBar)	Partial Pressure Oxygen (Torr)	Specific Conductivity (µS/cm)	Actual Conductivity (µS/cm)	Pressure (mBar)	Salinity (PSU)	Temperature (°C)	Dissolved Oxygen(%Sat)	Dissolved Oxygen (mg/l)
INV_058	TR4	03-11-2022	18:05	43.67	1017.83	101.013	26498.533	20903.664	4315.636	16.236	13.946	64.173	6.017
INV_058	TR4	03-11-2022	18:05	43.735	1017.83	82.33	27558.166	21771.691	4321.425	16.949	14.007	52.307	4.876
INV_058	TR4	03-11-2022	18:05	42.99	1017.83	87.383	26769.486	21080.684	4248.608	16.415	13.874	55.51	5.207
INV_058	TR4	03-11-2022	18:06	39.037	1017.83	94.348	25232.977	20131.959	3856.373	15.407	14.416	59.969	5.596
INV_058	TR4	03-11-2022	18:06	35.812	1017.83	100.498	21557.123	16970.68	3536.383	12.965	13.861	63.841	6.119
INV_058	TR4	03-11-2022	18:06	32.175	1017.83	120.188	14477.289	11264.432	3174.293	8.414	13.381	76.312	7.602
INV_058	TR4	03-11-2022	18:06	29.018	1017.83	135.985	14036.113	10889.45	2862.324	8.136	13.263	86.331	8.637
INV_058	TR4	03-11-2022	18:06	25.893	1017.83	141.18	13823.089	10689.201	2550.946	8.001	13.13	89.618	8.999
INV_058	TR4	03-11-2022	18:07	22.534	1017.83	142.774	13784.601	10647.519	2217.518	7.976	13.085	90.626	9.111
INV_058	TR4	03-11-2022	18:07	19.036	1017.83	143.376	13683.222	10550.222	1870.487	7.911	13.012	91.001	9.167
INV_058	TR4	03-11-2022	18:07	14.108	1017.83	143.464	13265.501	10188.337	1381.075	7.649	12.855	91.043	9.218
INV_058	TR4	03-11-2022	18:07	8.513	1017.83	143.484	13237.017	10146.745	825.937	7.63	12.777	91.049	9.236
INV_058	TR4	03-11-2022	18:07	3.917	1017.83	143.884	13227.423	10134.104	371.382	7.623	12.756	91.301	9.266
INV_058	TR4	03-11-2022	18:08	0.151	1017.83	142.332	2180.739	1670.304	-3.021	1.12	12.745	90.315	9.548
INV_059	TR4	03-11-2022	18:20	0.166	1017.83	145.865	13485.182	10302.771	-2.392	7.782	12.644	92.415	10.22
INV_059	TR4	03-11-2022	18:20	3.589	1017.83	146.93	13485.182	10302.771	337.232	7.782	12.644	93.224	9.475
INV_059	TR4	03-11-2022	18:21	6.847	1017.83	145.551	13457.37	10305.295	660.642	7.766	12.737	92.357	9.369
INV_059	TR4	03-11-2022	18:21	9.808	1017.83	145.289	13443.099	10307.739	954.434	7.758	12.789	92.195	9.342
INV_059	TR4	03-11-2022	18:21	13.472	1017.83	145.035	13443.793	10318.484	1318.412	7.759	12.829	92.038	9.318
INV_059	TR4	03-11-2022	18:21	17.162	1017.83	145.314	13680.491	10541.872	1684.408	7.909	12.988	92.229	9.296
INV_059	TR4	03-11-2022	18:21	19.211	1017.83	145.116	13711.557	10573.279	1887.878	7.929	13.017	92.106	9.276
INV_059	TR4	03-11-2022	18:22	22.576	1017.83	144.804	13734.628	10595.116	2221.638	7.944	13.032	91.909	9.253
INV_059	TR4	03-11-2022	18:22	26.182	1017.83	144.624	13758.587	10618.163	2579.621	7.959	13.05	91.796	9.237
INV_059	TR4	03-11-2022	18:22	27.961	1017.83	144.283	13791.068	10647.27	2756.164	7.98	13.065	91.581	9.211
INV_059	TR4	03-11-2022	18:22	29.983	1017.83	143.244	13911.644	10760.822	2956.625	8.056	13.142	90.929	9.126

Station	Transect (TR)	Date	Time	Depth (m)	Barometric Pressure (mBar)	Partial Pressure Oxygen (Torr)	Specific Conductivity (µS/cm)	Actual Conductivity (µS/cm)	Pressure (mBar)	Salinity (PSU)	Temperature (°C)	Dissolved Oxygen(%Sat)	Dissolved Oxygen (mg/l)
INV_059	TR4	03-11-2022	18:22	30.337	1017.83	142.415	13938.816	10787.648	2991.9	8.074	13.164	90.405	9.068
INV_059	TR4	03-11-2022	18:23	32.727	1017.83	142.205	14006.282	10852.829	3229.027	8.117	13.212	90.276	9.043
INV_059	TR4	03-11-2022	18:23	32.401	1017.83	138.922	16167.552	12546.957	3196.662	9.479	13.275	88.197	8.748
INV_059	TR4	03-11-2022	18:23	35.492	1017.83	123.012	19436.936	15006.453	3503.353	11.566	13.066	78.08	7.68
INV_059	TR4	03-11-2022	18:23	37.997	1017.83	114.057	21479.074	16853.832	3752.036	12.91	13.726	72.444	6.966
INV_059	TR4	03-11-2022	18:23	38.347	1017.83	103.1	22986.459	18263.344	3786.719	13.914	14.242	65.52	6.193
INV_059	TR4	03-11-2022	18:24	37.544	1017.83	101.009	23144.863	18428.129	3707.111	14.021	14.33	64.197	6.053
INV_059	TR4	03-11-2022	18:24	36.969	1017.83	97.626	22542.363	17957.424	3650.445	13.624	14.351	62.048	5.862
INV_059	TR4	03-11-2022	18:24	37.284	1017.83	97.02	21845.432	17383.361	3681.507	13.165	14.306	61.66	5.847
INV_059	TR4	03-11-2022	18:24	37.254	1017.83	96.969	22157.238	17657.555	3678.453	13.372	14.368	61.631	5.829
INV_059	TR4	03-11-2022	18:24	37.171	1017.83	98.807	22036.738	17462.395	3670.754	13.286	14.132	62.784	5.971
INV_059	TR4	03-11-2022	18:25	37.157	1017.83	97.222	22772.955	18176.691	3668.646	13.778	14.433	61.796	5.822
INV_059	TR4	03-11-2022	18:25	36.354	1017.83	97.504	22202.285	17671.715	3589.076	13.4	14.316	61.968	5.867
INV_059	TR4	03-11-2022	18:25	30.734	1017.83	119.636	13941.659	10824.315	3031.848	8.078	13.293	75.954	7.597
INV_059	TR4	03-11-2022	18:25	23.891	1017.83	139.152	13758.463	10626.54	2352.079	7.96	13.082	88.326	8.881
INV_059	TR4	03-11-2022	18:25	20.041	1017.83	143.423	13724.872	10588.089	1970.004	7.938	13.034	91.033	9.164
INV_059	TR4	03-11-2022	18:26	13.179	1017.83	144.491	13643.282	10510.831	1289.626	7.886	12.979	91.706	9.246
INV_059	TR4	03-11-2022	18:26	6.845	1017.83	144.739	13434.548	10308.358	660.82	7.753	12.817	91.849	9.302
INV_059	TR4	03-11-2022	18:26	1.525	1017.83	144.953	13438.752	10309.682	132.599	7.756	12.809	91.984	9.317
INV_059	TR4	03-11-2022	18:26	0.137	1017.83	139.803	218.055	165.707	-5.334	0.104	12.431	88.684	9.502
OWF1_11	TR4	03-11-2022	18:52	0.508	1017.83	145.349	13522.36	10401.362	31.508	7.81	12.916	92.061	10.26
OWF1_11	TR4	03-11-2022	18:52	5.049	1017.83	146.043	13522.36	10401.362	482.271	7.81	12.916	92.685	9.362
OWF1_11	TR4	03-11-2022	18:52	8.917	1017.83	144.605	13485.365	10396.629	866.625	7.788	13.008	91.781	9.254
OWF1_11	TR4	03-11-2022	18:52	13.603	1017.83	144.333	13488.925	10409.398	1331.919	7.791	13.047	91.612	9.229
OWF1_11	TR4	03-11-2022	18:53	16.572	1017.83	144.179	13477.987	10407.65	1625.633	7.785	13.073	91.516	9.214

Station	Transect (TR)	Date	Time	Depth (m)	Barometric Pressure (mBar)	Partial Pressure Oxygen (Torr)	Specific Conductivity (µS/cm)	Actual Conductivity (µS/cm)	Pressure (mBar)	Salinity (PSU)	Temperature (°C)	Dissolved Oxygen(%Sat)	Dissolved Oxygen (mg/l)
OWF1_11	TR4	03-11-2022	18:53	20.958	1017.83	144.111	13472.29	10405.078	2061.355	7.781	13.08	91.474	9.208
OWF1_11	TR4	03-11-2022	18:53	24.385	1017.83	143.639	13556	10483.292	2401.138	7.834	13.133	91.179	9.165
OWF1_11	TR4	03-11-2022	18:53	26.645	1017.83	142.503	13704.549	10614.983	2625.434	7.928	13.197	90.464	9.075
OWF1_11	TR4	03-11-2022	18:53	29.996	1017.83	140.673	13918.405	10793.381	2958.273	8.062	13.245	89.306	8.942
OWF1_11	TR4	03-11-2022	18:54	32.913	1017.83	121.073	17777.973	13885.625	3247.542	10.51	13.537	76.885	7.534
OWF1_11	TR4	03-11-2022	18:54	31.972	1017.83	110.638	17343.516	13551.563	3154.84	10.233	13.553	70.26	6.895
OWF1_11	TR4	03-11-2022	18:54	31.727	1017.83	116.057	17713.662	13832.695	3129.936	10.469	13.529	73.699	7.225
OWF1_11	TR4	03-11-2022	18:54	32.13	1017.83	110.536	18107.582	14156.526	3169.628	10.723	13.576	70.197	6.864
OWF1_11	TR4	03-11-2022	18:54	34.333	1017.83	108.992	19662.205	15255.096	3388.678	11.716	13.265	69.195	6.77
OWF1_11	TR4	03-11-2022	18:55	37.197	1017.83	102.218	22712.492	17954.242	3673.583	13.727	14.031	64.945	6.173
OWF1_11	TR4	03-11-2022	18:55	38.547	1017.83	85.625	25333.207	20248.326	3807.624	15.477	14.491	54.429	5.069
OWF1_11	TR4	03-11-2022	18:55	39.595	1017.83	67.254	25896.158	20720.871	3910.556	15.854	14.537	42.753	3.968
OWF1_11	TR4	03-11-2022	18:55	36.799	1017.83	68.379	24273.424	19427.115	3634.181	14.774	14.547	43.469	4.061
OWF1_11	TR4	03-11-2022	18:55	32.482	1017.83	93.548	20083.471	15710.112	3205.5	11.998	13.599	59.41	5.761
OWF1_11	TR4	03-11-2022	18:56	28.129	1017.83	121.02	13844.096	10747.752	2773.364	8.017	13.29	76.833	7.688
OWF1_11	TR4	03-11-2022	18:56	23.164	1017.83	138.109	13576.728	10507.368	2284.586	7.848	13.164	87.671	8.806
OWF1_11	TR4	03-11-2022	18:56	17.854	1017.83	142.597	13483.808	10412.616	1754.779	7.788	13.075	90.512	9.112
OWF1_11	TR4	03-11-2022	18:56	14.532	1017.83	143.715	13503.55	10425.836	1423.672	7.8	13.067	91.221	9.185
OWF1_11	TR4	03-11-2022	18:56	11.774	1017.83	144.031	13478.978	10401.733	1149.995	7.785	13.047	91.42	9.21
OWF1_11	TR4	03-11-2022	18:57	7.494	1017.83	144.118	13499.042	10417.374	725.027	7.797	13.048	91.475	9.214
OWF1_11	TR4	03-11-2022	18:57	2.611	1017.83	144.431	13484.573	10403.203	240.962	7.788	13.036	91.673	9.237
OWF1_11	TR4	03-11-2022	18:57	0.113	1017.83	141.716	155.349	119.314	-7.725	0.073	12.855	89.934	9.546
OWF1_10	TR4	03-11-2022	19:15	0.133	1017.83	144.548	13294.786	10169.804	-5.69	7.664	12.694	91.537	10.26
OWF1_10	TR4	03-11-2022	19:15	2.867	1017.83	150.143	13294.786	10169.804	265.589	7.664	12.694	95.267	9.679
OWF1_10	TR4	03-11-2022	19:16	7.207	1017.83	145.524	13175.116	10158.141	700.159	7.595	13.011	92.365	9.323

Station	Transect (TR)	Date	Time	Depth (m)	Barometric Pressure (mBar)	Partial Pressure Oxygen (Torr)	Specific Conductivity (µS/cm)	Actual Conductivity (µS/cm)	Pressure (mBar)	Salinity (PSU)	Temperature (°C)	Dissolved Oxygen(%Sat)	Dissolved Oxygen (mg/l)
OWF1_10	TR4	03-11-2022	19:16	12.673	1017.83	144.6	13154.778	10162.62	1241.719	7.584	13.091	91.785	9.249
OWF1_10	TR4	03-11-2022	19:16	11.955	1017.83	144.484	13149.392	10163.369	1167.835	7.581	13.111	91.713	9.238
OWF1_10	TR4	03-11-2022	19:16	15.007	1017.83	144.395	13144.58	10166.872	1473.389	7.578	13.14	91.659	9.227
OWF1_10	TR4	03-11-2022	19:16	19.317	1017.83	144.28	13204.575	10212.604	1899.317	7.616	13.137	91.586	9.218
OWF1_10	TR4	03-11-2022	19:17	28.733	1017.83	143.828	13593.097	10507.182	2832.651	7.857	13.114	91.297	9.18
OWF1_10	TR4	03-11-2022	19:17	36.484	1017.83	120.875	21746	17087.459	3601.98	13.086	13.784	76.779	7.366
OWF1_10	TR4	03-11-2022	19:17	36.928	1017.83	83.522	23341.875	18501.609	3646.357	14.145	14.143	53.072	5.02
OWF1_10	TR4	03-11-2022	19:17	37.15	1017.83	83.536	22572.197	17861.426	3669.084	13.636	14.073	53.077	5.043
OWF1_10	TR4	03-11-2022	19:17	33.956	1017.83	88.827	22128.279	17485.512	3350.862	13.343	14.015	56.436	5.379
OWF1_10	TR4	03-11-2022	19:18	31.64	1017.83	100.575	16066.178	12431.118	3121.201	9.412	13.154	63.844	6.352
OWF1_10	TR4	03-11-2022	19:18	29.608	1017.83	125.633	14079.064	10919.607	2919.557	8.163	13.251	79.758	7.98
OWF1_10	TR4	03-11-2022	19:18	26.8	1017.83	139.126	13614.757	10529.774	2640.828	7.871	13.137	88.314	8.874
OWF1_10	TR4	03-11-2022	19:18	22.614	1017.83	142.301	13576.023	10485.514	2225.406	7.846	13.081	90.325	9.089
OWF1_10	TR4	03-11-2022	19:18	19.4	1017.83	143.69	13532.82	10443.912	1906.308	7.818	13.05	91.204	9.185
OWF1_10	TR4	03-11-2022	19:19	16.037	1017.83	144.427	13214.579	10209.809	1572.692	7.621	13.095	91.675	9.235
OWF1_10	TR4	03-11-2022	19:19	11.303	1017.83	144.277	13157.07	10168.388	1103.113	7.586	13.107	91.581	9.225
OWF1_10	TR4	03-11-2022	19:19	7.482	1017.83	144.467	13135.571	10151.328	724.096	7.572	13.105	91.702	9.238
OWF1_10	TR4	03-11-2022	19:19	2.98	1017.83	144.505	13137.201	10152.149	276.94	7.573	13.104	91.726	9.241
OWF1_10	TR4	03-11-2022	19:19	0.106	1017.83	143.908	13133.763	10148.578	-8.097	7.571	13.1	91.346	9.204
INV_083	TR4	03-11-2022	19:52	0.131	1017.83	145.198	13033.604	10033.301	-5.665	7.506	12.948	91.947	10.31
INV_083	TR4	03-11-2022	19:52	5.587	1017.83	146.379	13033.604	10033.301	535.628	7.506	12.948	92.901	9.395
INV_083	TR4	03-11-2022	19:52	11.977	1017.83	144.094	12990.402	10036.923	1169.708	7.482	13.096	91.464	9.221
INV_083	TR4	03-11-2022	19:52	17.527	1017.83	143.633	12973.044	10038.061	1720.712	7.472	13.155	91.177	9.181
INV_083	TR4	03-11-2022	19:52	22.245	1017.83	143.469	12966.702	10038.089	2188.809	7.468	13.175	91.075	9.167
INV_083	TR4	03-11-2022	19:53	26.903	1017.83	143.089	12963.726	10037.528	2650.935	7.467	13.182	90.834	9.142

Station	Transect (TR)	Date	Time	Depth (m)	Barometric Pressure (mBar)	Partial Pressure Oxygen (Torr)	Specific Conductivity ($\mu\text{S}/\text{cm}$)	Actual Conductivity ($\mu\text{S}/\text{cm}$)	Pressure (mBar)	Salinity (PSU)	Temperature ($^{\circ}\text{C}$)	Dissolved Oxygen(%Sat)	Dissolved Oxygen (mg/l)
INV_083	TR4	03-11-2022	19:53	26.87	1017.83	143.237	12989.919	10055.746	2647.868	7.483	13.174	90.928	9.152
INV_083	TR4	03-11-2022	19:53	26.706	1017.83	143.306	12977.783	10048.082	2631.435	7.475	13.181	90.972	9.155
INV_083	TR4	03-11-2022	19:53	22.398	1017.83	143.331	12975.517	10047.125	2203.877	7.474	13.184	90.988	9.156
INV_083	TR4	03-11-2022	19:53	18.94	1017.83	143.487	12971.628	10044.937	1860.686	7.472	13.187	91.087	9.166
INV_083	TR4	03-11-2022	19:54	16.059	1017.83	143.562	12973.756	10044.154	1574.751	7.473	13.177	91.134	9.172
INV_083	TR4	03-11-2022	19:54	12.288	1017.83	143.532	12972.574	10043.053	1201.172	7.472	13.177	91.115	9.171
INV_083	TR4	03-11-2022	19:54	8.445	1017.83	143.615	12969.063	10041.195	819.314	7.47	13.18	91.168	9.175
INV_083	TR4	03-11-2022	19:54	5.315	1017.83	143.681	12966.377	10036.854	508.575	7.468	13.171	91.209	9.181
INV_083	TR4	03-11-2022	19:54	2.333	1017.83	143.682	12966.646	10035.099	212.683	7.468	13.163	91.209	9.183
INV_083	TR4	03-11-2022	19:55	0.086	1017.83	139.855	232.275	179.513	-10.308	0.111	13.107	88.774	9.368
SPA_157	TR4	03-11-2022	20:22	0.137	1017.83	144.029	13024.251	10001.115	-5.421	7.499	12.847	91.197	10.25
SPA_157	TR4	03-11-2022	20:22	4.146	1017.83	145.495	13024.251	10001.115	392.416	7.499	12.847	92.331	9.359
SPA_157	TR4	03-11-2022	20:22	9.069	1017.83	142.922	12972.735	10010.831	881.159	7.47	13.046	90.716	9.157
SPA_157	TR4	03-11-2022	20:22	13.459	1017.83	142.101	12952.104	10012.832	1316.793	7.458	13.119	90.201	9.091
SPA_157	TR4	03-11-2022	20:22	18.583	1017.83	141.943	12943.037	10011.728	1825.338	7.453	13.143	90.103	9.077
SPA_157	TR4	03-11-2022	20:23	18.465	1017.83	141.697	12937.553	10011.451	1814.016	7.45	13.159	89.949	9.058
SPA_157	TR4	03-11-2022	20:23	13.508	1017.83	141.941	12934.637	10009.543	1322.16	7.448	13.16	90.103	9.073
SPA_157	TR4	03-11-2022	20:23	6.856	1017.83	142.137	12935.125	10008.753	663.759	7.448	13.155	90.227	9.087
SPA_157	TR4	03-11-2022	20:23	1.676	1017.83	142.352	12935.568	10007.982	148.486	7.449	13.151	90.364	9.101
SPA_157	TR4	03-11-2022	20:23	0.059	1017.83	138.159	85.739	65.535	-12.63	0.04	12.662	87.66	9.347

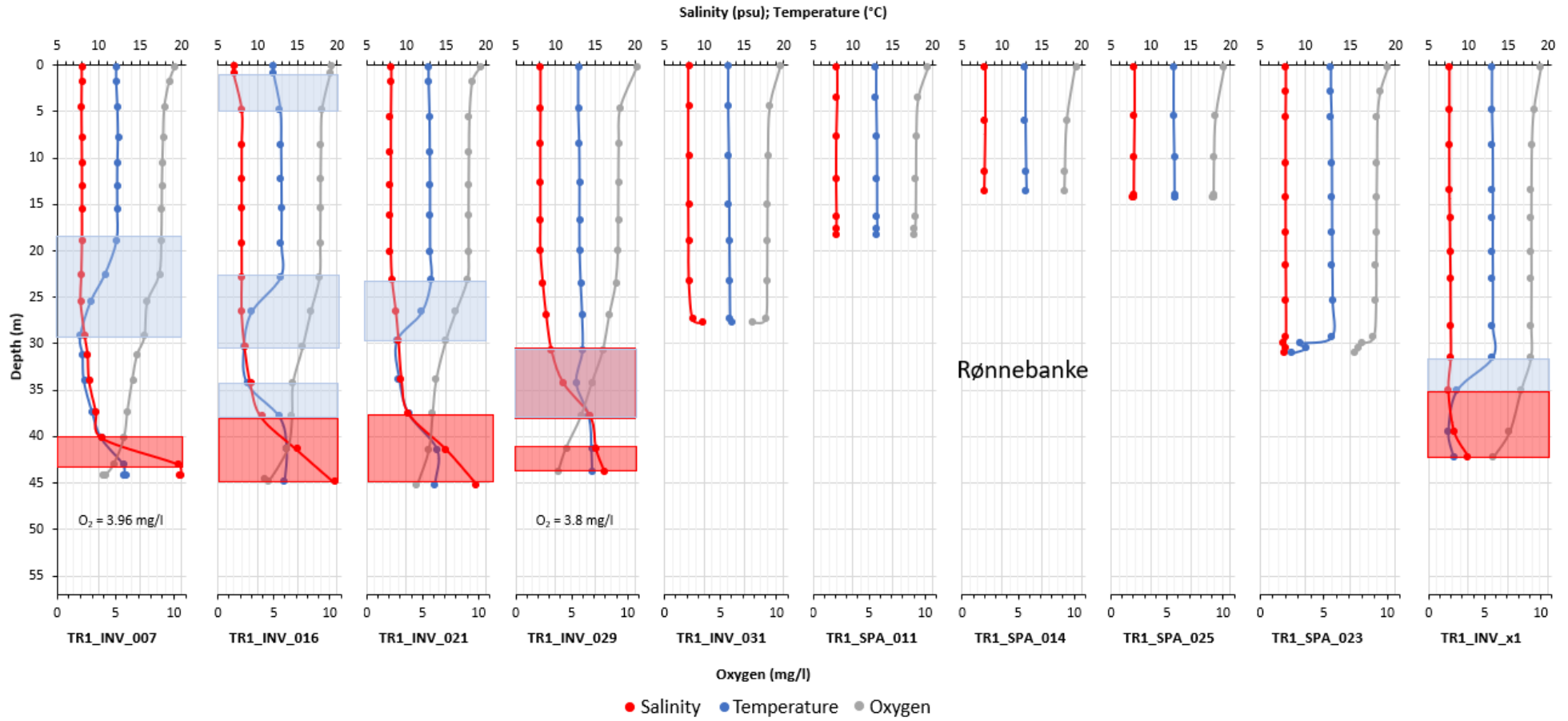
APPENDIX 7B – CTDO PROFILES

CTDO-profiles of salinity, temperature and oxygen are presented at the stations along each of the four transects. The CTDO-instrument is lowered down to approximately 1 meter above the seabed to avoid impact with the seabed and damage to the instrument. **Blue areas** indicate the presence of a thermocline e.g. a transitional area between two water layers, where temperature changes rapidly. **Red areas** indicate the presence of a halocline e.g. a transitional area between two water layers, where salinity changes rapidly. Oxygen concentrations above the seabed (deepest measurement) are indicated where below $4 \text{ mgO}_2 \text{ l}^{-1}$ indicating moderate oxygen deficiency at the seabed. Moderate oxygen deficiency is defined as oxygen concentrations between $2\text{-}4 \text{ mgO}_2 \text{ l}^{-1}$ and severe oxygen deficiency as $<2 \text{ mgO}_2 \text{ l}^{-1}$. See section 5.1.2 – Salinity, temperature and oxygen concentrations in the report for more details.

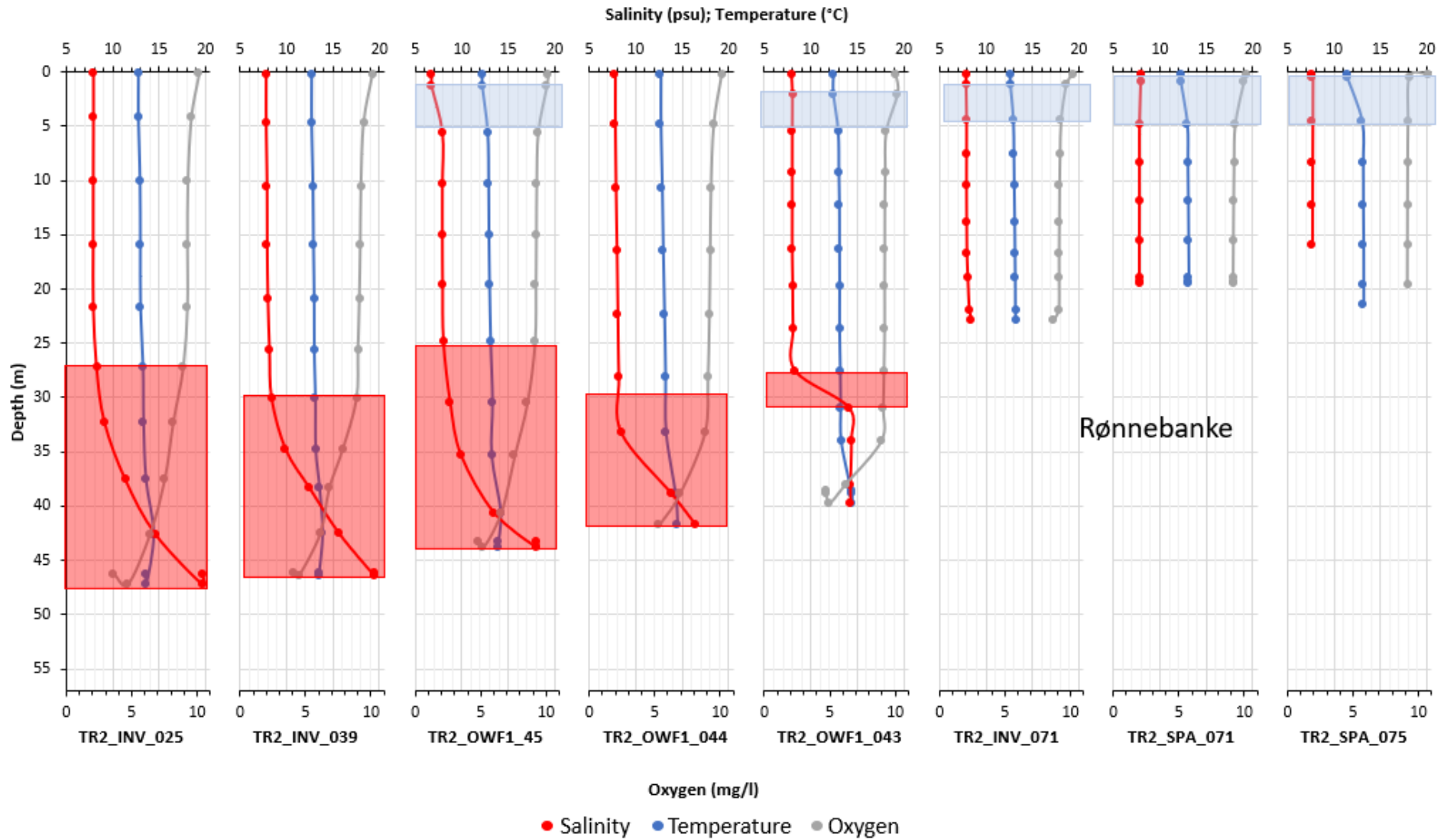
Note that there is an upper x-axis for salinity and temperature and a lower x-axis for oxygen.

Small haloclines in the upper part of the water column (see Appendix 6B, Transect 2) are likely a measuring error as there is no source of more saline water in the area.

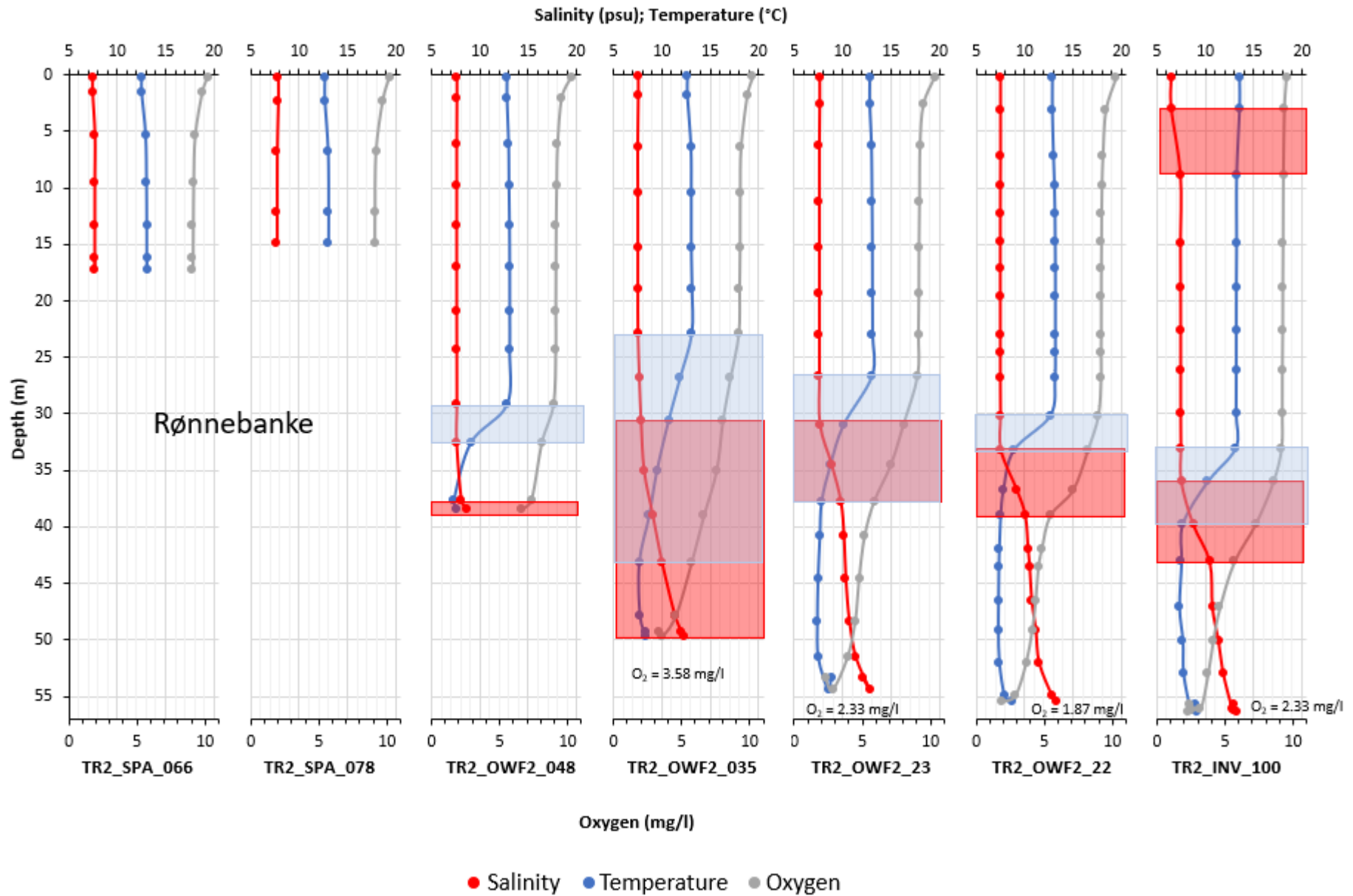
TRANSECT 1 (CLOSEST TO BORNHOLM)



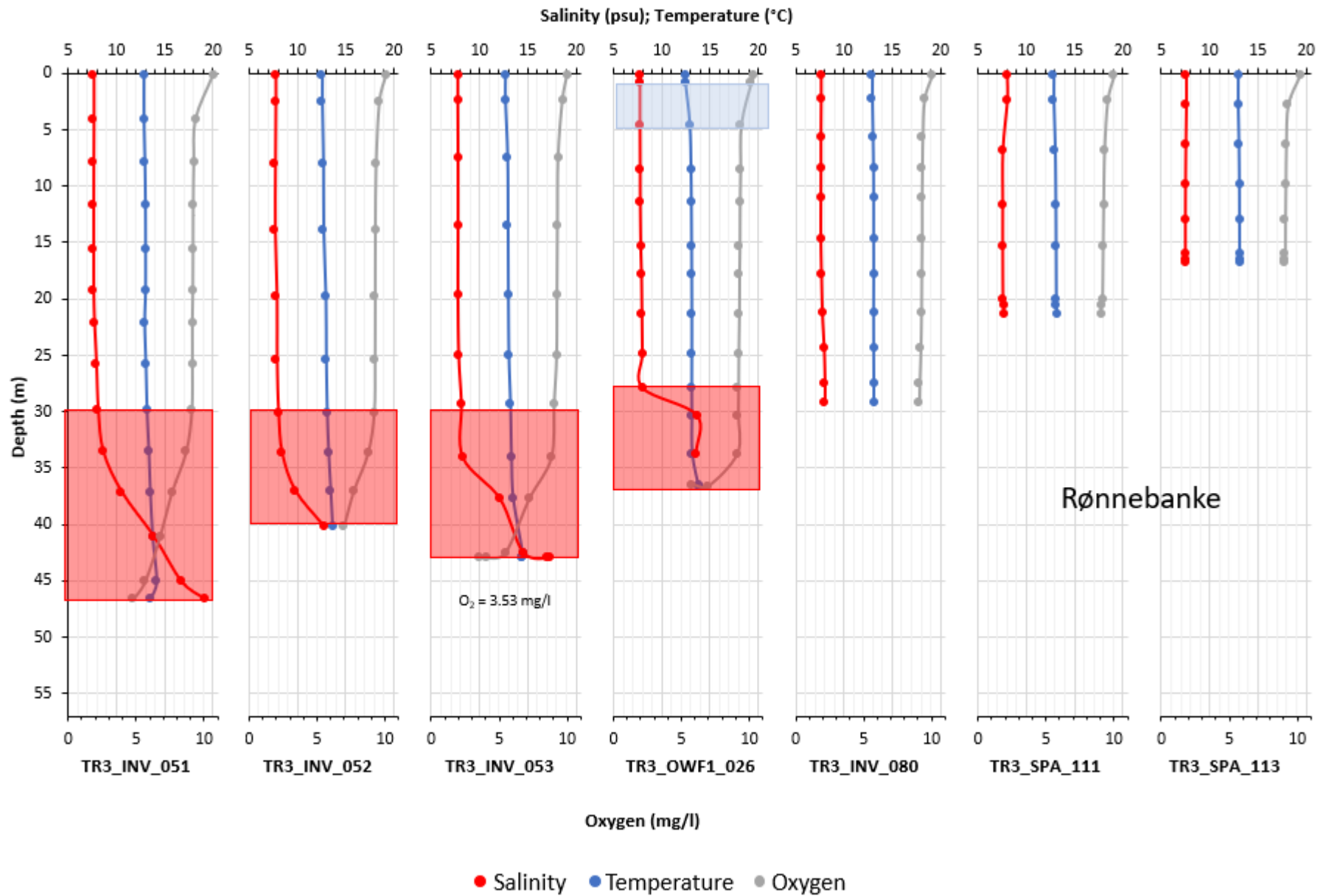
TRANSECT 2A (LEFT PART)



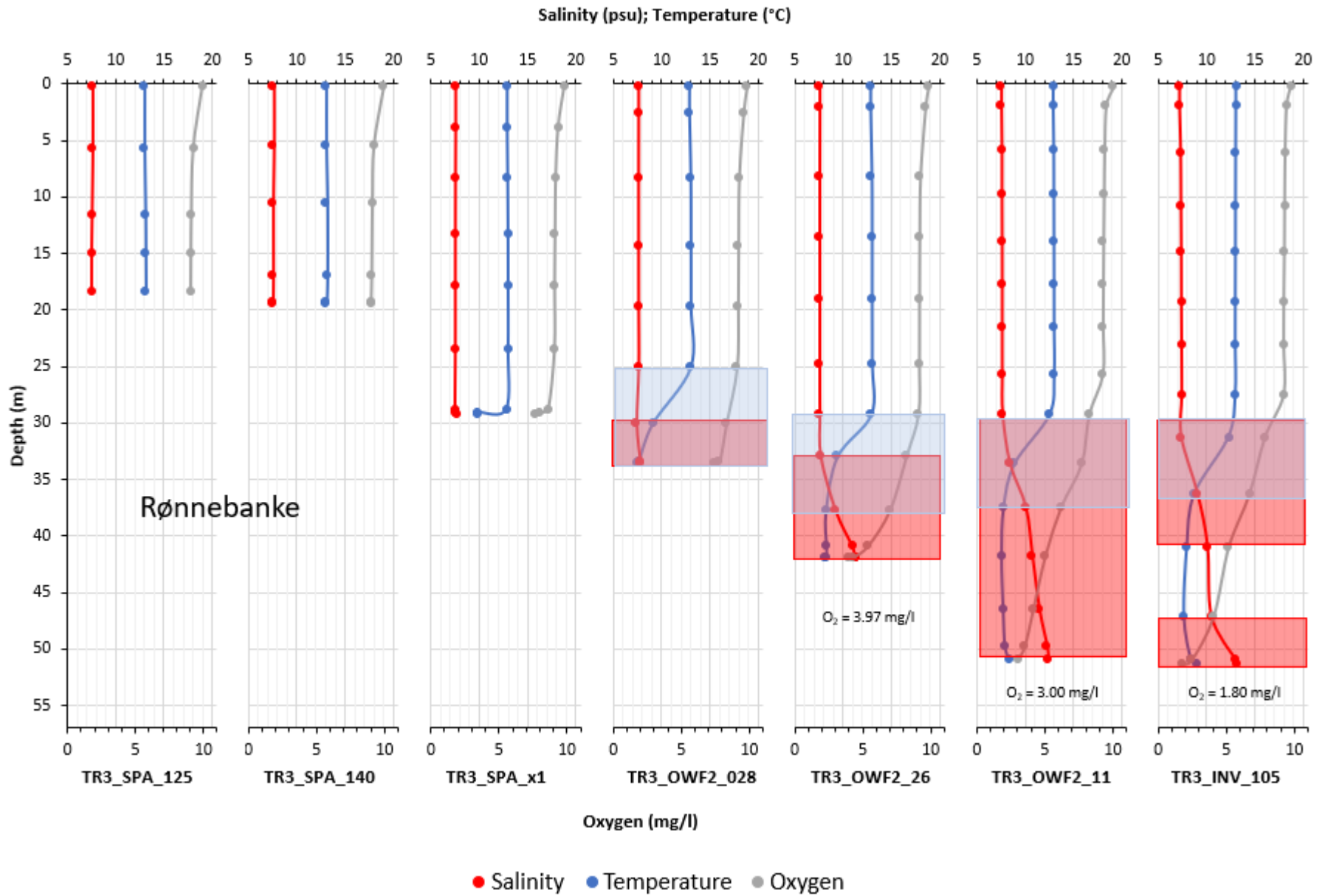
TRANSECT 2B (RIGHT PART)



TRANSECT 3A (LEFT PART)



TRANSECT 3B (RIGHT PART)



TRANSECT 4A (FURTHEST FROM BORNHOLM)

