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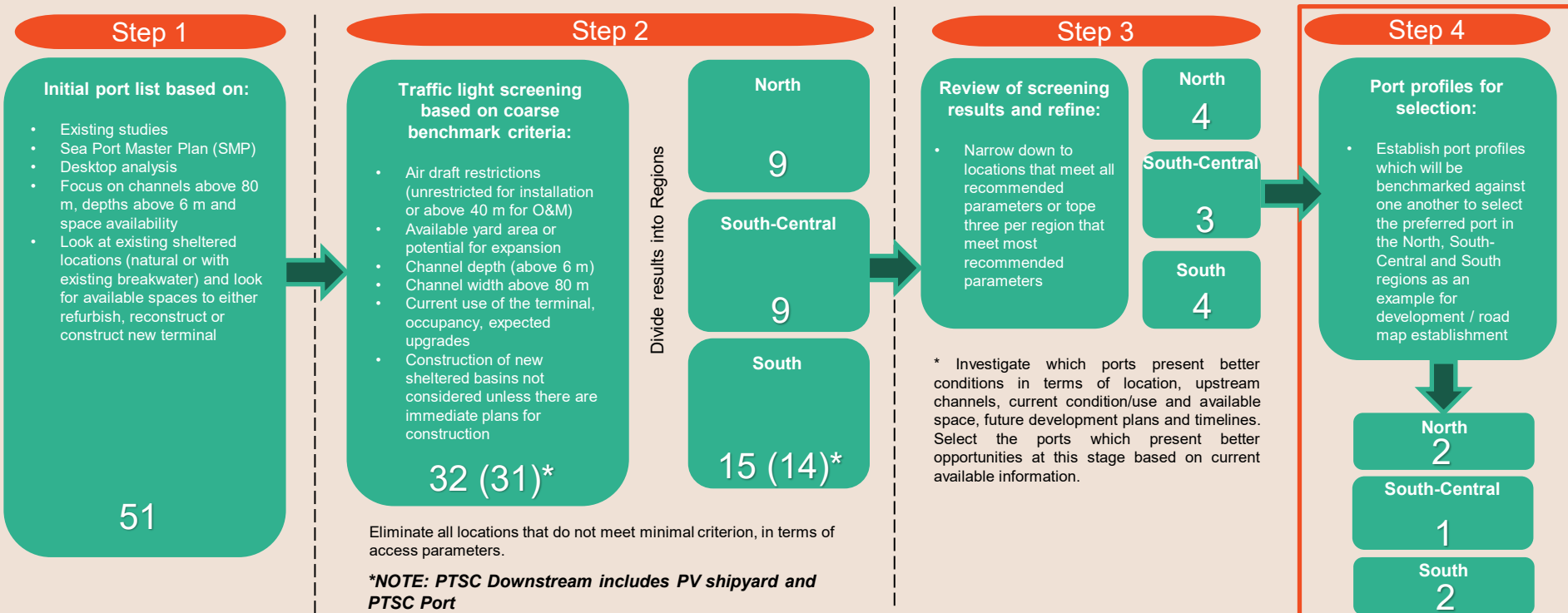
# Appendix A – Selection Processes and Port Lists

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29-07-2024



# Selection Process for Construction Ports



# Selection process for O&M ports

## Step 1

### Port list based on:

- Existing studies
- Vietnam Sea Port Master Plan (SMP)
- Desktop analysis (Google Earth, open-source data)
- Focus on channels above 80m, depths above 6m and space availability

51

## Step 2

### Screening exercise based on rough benchmark criteria:

- Air draft restrictions (unrestricted for installation or above 40 m for O&M)
- Available yard area or potential for expansion
- Channel depth (above 6 m)
- Channel width above 80 m
- Current use of the terminal, occupancy, expected upgrades

37 (36)\*

See list of 37 O&M ports in the Appendix.

**\*NOTE: PTSC Downstream includes PV shipyard and PTSC Port**

Divide into Regions

North

10

South-Central

11

South

16 (15)\*

Note that some of this locations will be more favourable than others with respect to available qualified workforce and hinterland (industry nearby) by the time the port is selected.

## Step 3

### Review of screening results and refine:

- Narrow down to locations that meet all recommended parameters or top three per region that meet most recommended parameters.

North

5

South-Central

4

South

5

14 candidate ports for OW.

O&M port selection is very dependent on distance to OWF. It is deemed that the ports in the list could serve as an O&M base provided 1.5ha yard area with direct access to berth is available, and distance to OWF is less than 200km. **However, it is not recommended to progress further with the shortlisting at this stage as the OWF locations are unknown.**

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# Port list (51)

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## Ports page 1 of 5

No.	Port name	Coordinates	Region	Area	Ownership
1	PTSC Dinh Vu	683681.00 m E 2305532.28 m N	Hai Phong	North	Private: PTSC
2	Hai Phong International Container Terminal (HICT) Lach Huyen Port	698333.85 m E 2301006.29 m N	Hai Phong	North	JV: Saigon New Port, MOL, Wanhai and Itochu
3	NGHI SON INTERNATIONAL PORT   NSIP	585138.61 m 2136073.88 m N	Thanh Hoa	North	Private VAS Group
4	Hon Gai	713553.02 m E 2320199.00 m N	Ha Long, Quang Ninh	North	CICT: JV SSA Marine and VIMC Quang Ninh port: Private
5	Cua Lo Port	575123.00 m E 2082000.00 m N	Vinh	North	Public: VIMC
6	Le Mon	586229.54 m E 2188560.83 m N	Thanh Hoa	North	
7	Cam Pha	745749.61 m E 2325988.34 m N	Quang Ninh	North	
8	Cảng Sơn Dương	653080.59 m E 1996337.45 m N	Ky Anh district	North	Private: Formosa Steel
9	Cảng MPC Port	687773.00 m E 2303982.00 m N	Hai Phong	North	Private: Mipec
10	NAM DINH VU PORT	689313.00 m E 2303605.00 m N	Hai Phong	North	Gemadept Corporation

## Ports page 2 of 5

No.	Port name	Coordinates	Region	Area	Ownership
11	Vissai Port	575515.00 m E 2084290.00 m N	Nghệ An	North	
12	Tien Sa Port	202522.06 m E 1784399.87 m N	Da Nang City	South-Central	Public: VIMC
13	DQS Dung Quat Shipyard	262711.30 m 1702767.25 m N	Quang Ngai	South-Central	Public: PVN
14	Chan May Port	181405.33 m 1807812.05 m N	Thừa Thiên–Huế Province	South-Central	JSC
15	Cang Tong Container Terminal	264310.00 m E 1704123.00 m N	Quang Ngai	South-Central	
16	Hyundai Vinashin Shipyard	313188.04 m E 1380885.66 m N	Van Phong Bay	South-Central	JV: Hyundai and SBIC
17	Cam Ranh international port	298403.22 m E 1315760.61 m N	Khanh Hoa Province	South-Central	Public: VIMC
18	Vinashin	307540.06 m E 1392514.37 m N	Van Phong Bay	South-Central	Vietnam Coast Guard & Khanh Hoa Salt Joint Stock Company
19	Vinh Tan Power Station Port	260033.00 m E 1251676.00 m N	Vinh Tan	South-Central	Private: Pacific Group
20	Quy Nhon	310592.36 m E 1524055.41 m N	Quy Nhon	South-Central	Public: VIMC or Saigon New Port

## Ports page 3 of 5

No.	Port name	Coordinates	Region	Area	Ownership
21	Nha Trang	305925.08 m E 1349965.13 m N	Khanh Hoa	South-Central	
22	South Van Phong Port	311072.00 m E 1382421.00 m N	Khanh Hoa	South-Central	
23	Ca Na Port	272252.00 m E 1251720.00 m N	Ninh Thuan	South-Central	
24	PTSC Quang Ngai	263580.00 m E 1705498.00 m N	Quang Ngai	South-Central	
25	Vinh Tan International Port	261262.03 m E 1251874.88 m N	Vinh Tan	South-Central	
26	Vietsovetro Port	727406.00 m E 1149160.00 m N	Vung Tau	South	Private
27	Tan Cang Cat Lai Terminal	696590.71 m E 1190548.08 m N	Ho Chi Minh	South	Private: Saigon New Port
28	PTSC Port (Vung Tau)	728440.33 m E 1149242.12 m N	Vung Tau	South	Private – Part of PTSC Downstream
29	Tan Cang–Cai Mep Terminal TCIT	721986.17 m E 1165415.66 m N	Ba Ria	South	Private: Saigon New Port
30	Thi Vai General Port SP PSA	721484.61 m E 1169227.35 m N	Phu My	South	JSC

## Ports page 4 of 5

No.	Port name	Coordinates	Region	Area	Ownership
31	SITV (Phu My)	721627.97 m E 1172302.77 m N	Phu My	South	JSC
32	PTSC Phu My	722305.44 m E 1170606.79 m N	Phu My	South	Private: PTSC
33	VICT	689716.35 m E 1190401.28 m N	Ho Chi Minh	South	JV: SOWATCO and MITORIENT
34	Hiep Phuoc Port	690767.54 m E 1177484.21 m N	Ho Chi Minh	South	Public: Saigon New Port
35	SPCT container terminal	692712.42 m E 1176290.18 m N	Ho Chi Minh	South	JV: DPW and VIMC
36	Saigon Port JSC - Hiep Phuoc Terminal	693565.15 m E 1173639.18 m N	Ho Chi Minh	South	Private: Saigon Port
37	Gemalink Cai Mep Terminal	719115.47 m E 1161149.23 m N	Cai Mep (Ba Ria)	South	JV: Gemadept and CMA CGM
38	SP-SSA INTERNATIONAL TERMINAL (SSIT)	719849.08 m E 1162064.39 m N	Cai Mep (Ba Ria)	South	JV: Saigon Port and SSA Marine VIMC /Vinalines)
39	TCTT Cai Mep	720094.00 m E 1162450.00 m N	Cai Mep (Ba Ria)	South	Private: Saigon New Port
40	CMIT Cai Mep International terminal	720342.69 m E 1162890.09 m N	Cai Mep (Ba Ria)	South	JV: Saigon Port, APMT and VMIC
41	Ba son shipyard	721246.27 m E 1167010.38 m N	Cai Mep (Ba Ria)	South	Public



## Ports page 5 of 5

No.	Port name	Coordinates	Region	Area	Ownership
42	CẢNG POSCO YAMATO VINA	720465.54 m E 1167841.64 m N	Cai Mep (Ba Ria)	South	JSC
43	PV Shipyard	727865.81 m E 1149451.07 m N	Vung Tau	South	Private: PTSC – Part of PTSC Downstream
44	Long An International Port	690170.45 m E 1165349.28 m N	Long An	South	
Other Developments					
45	VAN NINH GENERAL PORT Quang Ninh	803492.00 m E 2370824.00 m N		North	
46	Vung Ang Port	648913.00 m 2002901.00 m N	Hai Phong	North	
47	Lien Chieu Port	192492.81 m E 1786400.17 m N	West Da Nang	South-Central	
48	Son My Port	Unknown	Binh Thuan	South-Central	
49	My xuan port & Phuoc An port	720735.00 m E 1176758.00 m N 718250.00 m E 1174470.00 m N	Phu My	South	Formosa international development corporation
50	Cai Mep downstream development	720136.47 m 1160029.87 m N	Cai Mep (Ba Ria)	South	
51	Soc Trang Deep Sea Port	unknown	Soc Trang	South	

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# O&M ports (36)

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## Ports page 1 of 4

No.*	Port name	Coordinates	Region	Area	Ownership
1	PTSC Dinh Vu	683681.00 m E 2305532.28 m N	Hai Phong	North	Private: PTSC
2	Hai Phong International Container Terminal (HICT) Lach Huyen Port	698333.85 m E 2301006.29 m N	Hai Phong	North	JV: Saigon New Port, MOL, Wanhai and Itochu
3	NGHI SON INTERNATIONAL PORT   NSIP	585138.61 m 2136073.88 m N	Thanh Hoa	North	Private VAS Group
4	Hon Gai	713553.02 m E 2320199.00 m N	Ha Long, Quang Ninh	North	CICT: JV SSA Marine and VIMC Quang Ninh port: Private
5	Cua Lo Port	575123.00 m E 2082000.00 m N	Vinh	North	Public: VIMC
8	Cảng Sơn Dương	653080.59 m E 1996337.45 m N	Ky Anh district	North	Private: Formosa Steel
10	NAM DINH VU PORT	689313.00 m E 2303605.00 m N	Hai Phong	North	Gemadept Corporation
11	Vissai Port	575515.00 m E 2084290.00 m N	Nghệ An	North	
12	Tien Sa Port	202522.06 m E 1784399.87 m N	Da Nang City	South-Central	Public: VIMC
13	DQS Dung Quat Shipyard	262711.30 m 1702767.25 m N	Quang Ngai	South-Central	Public: PVN

\*Number in port list

## Ports page 2 of 4

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14	Chan May Port	181405.33 m 1807812.05 m N	Thừa Thiên-Huế Province	South-Central	JSC
16	Hyundai Vinashin Shipyard	313188.04 m E 1380885.66 m N	Van Phong Bay	South-Central	JV: Hyundai and SBIC
17	Cam Ranh international port	298403.22 m E 1315760.61 m N	Khanh Hoa Province	South-Central	Public: VIMC
20	Quy Nhon	310592.36 m E 1524055.41 m N	Quy Nhon	South-Central	Public: VIMC or Saigon New Port
22	South Van Phong Port	311072.00 m E 1382421.00 m N	Khanh Hoa	South-Central	
23	Ca Na Port	272252.00 m E 1251720.00 m N	Ninh Thuan	South-Central	
24	PTSC Quang Ngai	263580.00 m E 1705498.00 m N	Quang Ngai	South-Central	
25	Vinh Tan International Port	261262.03 m E 1251874.88 m N	Vinh Tan	South-Central	
26	Vietsovetro Port	727406.00 m E 1149160.00 m N	Vung Tau	South	Private
28	PTSC Port (Vung Tau)	728440.33 m E 1149242.12 m N	Vung Tau	South	Private: PTSC – Part of PTSC Downstream

\*Number in port list

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29	Tan Cang–Cai Mep Terminal TCIT	721986.17 m E 1165415.66 m N	Ba Ria	South	Private: Saigon New Port
30	Thi Vai General Port SP PSA	721484.61 m E 1169227.35 m N	Phu My	South	JSC
31	SITV (Phu My)	721627.97 m E 1172302.77 m N	Phu My	South	JSC
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39	TCTT Cai Mep	720094.00 m E 1162450.00 m N	Cai Mep (Ba Ria)	South	Private: Saigon New Port
40	CMIT Cai Mep International terminal	720342.69 m E 1162890.09 m N	Cai Mep (Ba Ria)	South	JV: Saigon Port, APMT and VMIC
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47	Lien Chieu Port	192492.81 m E 1786400.17 m N	West Da Nang	South-Central	
50	Cai Mep downstream development	720136.47 m 1160029.87 m N	Cai Mep (Ba Ria)	South	

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