**APPENDIX 2A** 

# **Classification List of Vietnam Seaports**

# **APPENDIX 2A: CLASSIFICATION LIST OF VIETNAM SEAPORTS**

No.	Name of seaport	Province/City	
I	Class I Seaports		
1	Cam Pha seaport	Quang Ninh	
2	Hon Gai seaport	Quang Ninh	
3	Hai Phong seaport	Hai Phong	
4	Nghi Son seaport	Thanh Hoa	
5	Cua Lo seaport	Nghe An	
6	Vung Ang seaport	Ha Tinh	
7	Chan May seaport	Thua Thien Hue	
8	Da Nang seaport	Da Nang	
9	Dung Quat seaport	Quang Ngai	
10	Quy Nhon seaport	Binh Dinh	
11	Van Phong seaport	Khanh Hoa	
12	Nha Trang seaport	Khanh Hoa	
13	Ba Ngoi seaport	Khanh Hoa	
14	Ho Chi Minh seaport	HCMC	
15	Vung Tau seaport	Ba Ria – Vung Tau	
16	Dong Nai seaport	Dong Nai	
17	Can Tho seaport	Can Tho	
11	Class II Seaports		
1	Mui Chua seaport	Quang Ninh	
2	Diem Dien seaport	Thai Binh	
3	Nam Dinh seaport	Nam Dinh	
4	Le Mon seaport	Thanh Hoa	
5	Ben Thuy seaport	Nghe An	
6	Xuan Hai seaport	Ha Tinh	
7	Quang Binh seaport	Quang Binh	
8	Cua Viet seaport	Quang Tri	
9	Thuan An seaport	Thua Thien Hue	
10	Quang Nam seaport	Quang Nam	
11	Sa Ky seaport	Quang Ngai	
12	Vung Ro seaport	Phu Yen	
13	Ca Na seaport	Ninh Thuan	
14	Phu Quy seaport	Binh Thuan	
15	Binh Duong seaport	Binh Duong	
16	Dong Thap seaport	Dong Thap	
17	My Thoi seaport	An Giang	
18	Vinh Long seaport	Vinh Long	
19	My Tho seaport	Tien Giang	
20	Nam Can seaport	Ca Mau	
21	Hon Chong seaport	Kien Giang	
22	Binh Tri seaport	Kien Giang	
23	Con Dao seaport	Ba Ria – Vung Tau	

No.	Name of seaport	Province/City
	Class III seaports (Offshore oil&gas seaports)	
1	Mo Rong Doi seaport	Ba Ria – Vung Tau
2	Mo Rang Dong seaport	Ba Ria – Vung Tau
3	Mo Hong Ngoc seaport	Ba Ria – Vung Tau
4	Mo Lan Tay seaport	Ba Ria – Vung Tau
5	Mo Su Tu Den seaport	Ba Ria – Vung Tau
6	Mo Dai Hung seaport	Ba Ria – Vung Tau
7	Mo Chi Linh seaport	Ba Ria – Vung Tau
8	Mo Ba Vi seaport	Ba Ria – Vung Tau
9	Mo Vietsopetrol 1 seaport	Ba Ria – Vung Tau

Source: Prime Minister's Decision No.16/2008/QD-TTg dated January 28, 2008

# **APPENDIX 2B**

# List of Port Terminals

# **APPENDIX 2B: LIST OF PORT TERMINALS**

No.	Name of Terminal	Under Seaport	
1	Mui Chua terminal	Mui Chua	
2	Cam Pha coal terminal	Cam Pha	
3	Cai Lan general terminal		
4	B12 petroleum terminal		
5	Ha Long shipyard terminal	Hon Gai	
6	Hon Gai passenger terminal		
7	Hai Phong terminal		
8	Vat Cach terminal		
9	Dinh Vu terminal for port investment and development		
10	Dinh Vu joint-venture and development terminal		
11	Dinh vu petroleum terminal		
12	Doan Xa terminal		
13	Transvina terminal		
14	Hai Dang terminal		
15	VN container terminal (Viconship)		
16	Chua Ve container terminal		
17	Cua Cam terminal		
18	Aquiculture terminal II		
19	Thuong Ly terminal		
20	Dai Hai gas terminal		
21	Total Gas Hai Phong terminal	Hai Phong	
22	Petec Hai Phong petroleum terminal		
23	Thang Long LPG terminal		
24	Bach Dang shipbuilding terminal		
25	Caltex terminal		
26	Nam Trieu shipyard terminal	1	
27	Pha Rung shipbuilding terminal		
28	Lilama Hai Phong terminal		
29	Ha Long fishing terminal		
30	Ha Long mechanics terminal		
31	K99 oil terminal	1	
32	Border police terminal		
33	Terminal of 128 Corporation		
34	Chua Ve materials & equipments terminal		
35	Dong Hai terminal		
36	Diem Dien terminal	Diem Dien	
37	Hai Thinh terminal		
38	Thinh Long terminal	Nam Dinh	
39	Le Mon terminal	Le mon	
40	Nghi Son general terminal		
41	Dedicated terminal for Nghi Son cement factory	Nghi Son	
42	Cua Lo terminal	Cua Lo	
43	Ben Thuy terminal	i	
44	Hung Hoa petroleum terminal	Ben Thuy	
45	Xuan hai terminal		
46	Xuan Pho terminal	Xuan Hai	
47	Vung Ang terminal	Vung Ang	
48	Gianh terminal	<u>_</u>	
49	Nhat Le terminal	Quang Binh	

50       Giarg river pertoduum terminal       Cua Viet         51       Cua Viet terminal       Thuan An terminal       Thuan An         53       Thuan An pertoduum terminal       Thuan An         54       Chan May terminal       Chan May         55       Alcan Vietnam terminal       Chan May         56       Tien Sa terminal       Chan May         57       Han river terminal       Chan May         58       Nguyen Van Tot terminal       Da Nang         60       Nai Hein terminal       Da Nang         61       PETEC dedicated terminal       Da Nang         62       Dedicated terminal for Ha Van cement factory       Quang Nam         63       Hai Son terminal       Dung Quat         64       Kry Ha terminal       Dung Quat         65       Gas terminal for Da Nang gasoline joint-venture conpany       Sa Ky         66       Thuan Nang terminal       Dung Quat         70       Vung Ro general terminal       Quy Nhon         71       Dan Man terminal       Quy Nhon         72       Hao Khot terminal       Quy Nhon         73       Terminal for Jourdau - Vinang terminal       Quy Nhon         74       Nha Terminal       Quy Nhon </th <th>No.</th> <th>Name of Terminal</th> <th>Under Seaport</th>	No.	Name of Terminal	Under Seaport		
51     Cua Viet terminal     Cua Viet       52     Thuan An terminal     Thuan An       53     Thoan An terminal     Thuan An       54     Chan May terminal     Chan May       55     Alcan Vietnam terminal     Chan May       56     Ten Sa terminal     Chan May       57     Han river terminal     Chan May       58     Naguro Vian Troi terminal     Chan May       59     KADB oil depot terminal     Chan May       61     PETEC dedicated terminal     Dadicated terminal       62     Dedicated terminal     Dadicated terminal       63     Kay Son terminal     Dung Quat       64     Ky Ha terminal     Dung Quat       65     Sa kay Mon terminal     Dung Quat       66     Gas terminal     Quy Non       70     Dung Quat terminal     Quy Non       71     Dam Mon terminal     Quy Non       72     Hon Khoi terminal     Vung Ro       73     Terminal for Hyundai – Vinashin factory     Van Phong       74     Nha Trang terminal     Sa Kay       75     Nay Academy terminal     Ba Ngai       76     Bo Ngo terminal     Ba Ngai       77     Ca Na terminal     Ca Na       78     Nay General terminal	50	Giang river petroleum terminal			
52     Truen An petroloum terminal     Thean An petroloum terminal       63     Thuan An petroloum terminal     Chan May       64     Chan May terminal     Chan May       65     Tans Sa terminal     Chan May       66     Thean Sa terminal     Chan May       67     Han river terminal     Chan May       68     Nayen Van Troit terminal     Chan May       60     Nai Hien terminal     Chan May       61     PETEC dedicated terminal     Chan May       62     Dadicated terminal     Chan May       63     Hai Son terminal     Chan May       64     K y Ha terminal     Cuang Nam       65     Gas terminal     Dung Quat       66     Sa Ky terminal     Dung Quat       67     Dung Quat terminal     Quy Nhon       70     Vung Ro general terminal     Quy Nhon       71     Dar Mon terminal     Vung Ro       72     Hon Khoi terminal     Vung Ro       73     Terminal for Hyundai - Vinashin factory     Van Phong       74     Na Trang     Ea Ngoi       75     Nay Academy terminal     Ca Na       76     Na Son terminal     Ca Na       77     Ca Na terminal     Ca Na       78     Phu Quy terminal <t< td=""><td>51</td><td>Cua Viet terminal</td><td>Cua Viet</td></t<>	51	Cua Viet terminal	Cua Viet		
53     Thuen An performal     Chain May       54     Chain May terminal     Chain May       55     Alcan Vielnam terminal     Chain May       66     Ten Sa terminal     Chain May       58     Nguyen Van Troi terminal     Da Nang       69     Nail Vielnam terminal     Da Nang       61     PETEC dedicated terminal     Da Nang       62     Dedicated terminal     Da Nang       63     Hai Son terminal     Da Nang       64     Ky Ha terminal     Dung Quat       65     Sa Ky terminal     Dung Quat       66     Sa Ky terminal     Oury Nhon       67     Dang Quat terminal     Quang Nam       68     Qu Nhon terminal     Oury Nhon       69     Thi Nai terminal     Quy Nhon       70     Vang Quat terminal     Quy Nhon       71     Dam Mon terminal     Quy Nhon       72     Hon Khoi terminal     Quang Nam       73     Terminal for Hyundai- Vinashin factory     Van Phong       74     Nha Trang     Ba Ngoi       77     Ca Na terminal     Ca Na       78     Nay Academy terminal     Ba Ngoi       79     Sai Gon terminal     Ba Ngoi       77     Ca Na terminal     Ca Na	52	Thuan An terminal	Thuan An		
54     Chan May terminal     Chan May       55     Akcan Vietnam terminal     Chan May       56     Tien Sa terminal     Da Nang       57     Han river terminal     Da Nang       58     Nguyen Van Toi terminal     Da Nang       60     Nai Hein terminal     Da Nang       61     PETCE dedicated terminal     Da Nang       62     Dedicated terminal for Ha Van cement factory     Ouang Nam       63     Hal Son terminal     Sa Ky       64     Ky Ha terminal     Oung Quat       65     Gas terminal for Da Nang gasoline joint-venture corpany     Ouang Nam       66     Sa Ky terminal     Ouy Nhon       70     Vung Ro Quate terminal     Oung Quat       68     Gay Nhon terminal     Oury Nhon       70     Vung Ro general terminal     Van Phong       71     Dam Mon terminal     Van Phong       73     Terminal for Hyundai - Vinashin factory     Van Phong       74     Nha Trang     Ba Ngoi       75     Nay Academy terminal     Ca Na       77     Ca Na terminal     Ca Na       78     Phu Quy terminal     Phu Cuy       79     Sai Gon terminal     Ca Na       80     Tan Thuan Dong terminal     Ca Na       81 <td>53</td> <td>Thuan An petroleum terminal</td> <td></td>	53	Thuan An petroleum terminal			
55     Acan Veham terminal     Chain Ney       66     Tien Sa terminal        76     Han river terminal        68     Nguyen Van Tot terminal        69     K4D6 oil depot terminal        61     PETEC dedicated terminal        62     Dedicated terminal for Ha Van coment factory        63     Hai Son terminal        64     Ky Ha terminal        65     Gas terminal for Da Nang gasoline joint-venture corpany     Sa Ky       66     Sa Ky terminal        67     Dung Quat terminal        68     Ouy Nhon terminal        69     Thi Nai terminal        70     Vang Ro general terminal        71     Dam Mon terminal        72     Hon Khoi terminal        73     Terminal for Hyundai - Vinashin factory        74     Nah Trang terminal        75     Navy Academy terminal        76     Ba Kgoi terminal        77     Ca Na terminal        78     Phu Quy terminal        79     Sai Gon terminal        71     Dan Ka terminal        72	54	Chan May terminal	Chan May		
56       Ten Sa terminal         57       Han river terminal         58       Nguyen Van Tooi terminal         59       K4D6 oil depot terminal         60       Na Hine terminal         61       PETEC dedicated terminal         62       Dedicated terminal for Ha Van cement factory         63       Hal Son terminal         64       Ky Ha terminal         65       Gas terminal for Da Nang gasoline joint-venture conpany         66       Sa Ky terminal         67       Dung Quat terminal         68       Gay Ky terminal         69       Thi Na iterminal         70       Vung Rogeneral terminal         71       Dam Mon terminal         72       Hon Khoi terminal         73       Terminal for hyundai – Vinashin factory         74       Nha Trang terminal         77       Ca Na terminal         78       Phu Quy terminal         79       Sai Gon Etrninal         70       Vung Rogeneral terminal         71       Da Nany Kacademy terminal         73       Terminal for Logistics development joint-venture 1         70       Na Trang terminal         71       Da Na terminal	55	Alcan Vietnam terminal	Chan way		
57       Han river terminal         58       Nguyen Van Troi terminal         60       Nai Hien terminal         61       PETEC dedicated terminal         62       Dedicated terminal for Ha Van cement factory         63       Hai Son terminal         64       Ky Ha terminal         65       Gas terminal for Da Nang gasoline joint-venture conpany       Quang Nam         66       Sa Ky terminal       Dung Quat         67       Dung Quat terminal       Quy Nhon         68       Quy Nhon terminal       Quy Nhon         70       Vung Ro general terminal       Vung Ro         71       Dam Mon terminal       Quy Nhon         72       Hon Khoi terminal       Vung Ro         73       Terminal for Hyundai – Vinashin factory       Van Phong         74       Nha Trang terminal       Nha Trang         75       Nay Academy terminal       Ba Ngoi         76       Ba Ngoi terminal       Ba Ngoi         77       Ca Na terminal       Ca Na         78       Terminal for logistics development joint-venture 1       Ba Son terminal         80       Tar Tunan Dong terminal       Phu Quy         78       Sai Gon Terminal       Phu Quy	56	Tien Sa terminal			
58       Nguyen Van Troi terminal         59       K4D6 oil depot terminal         60       Nai Hien terminal         61       PETEC dedicated terminal for Ha Van cement factory         63       Hai Son terminal         64       Ky Ha terminal         65       Cas terminal for Da Nang gasoline joint-venture conpany       Quang Nam         66       Sa Ky terminal       Dung Quat         67       Dung Quat terminal       Quy Nhon         70       Vung Ro general terminal       Quy Nhon         71       Darn Mon terminal       Quy Nhon         72       Hon Khoi terminal       Vung Ro         73       Terminal for Hyundai – Vinashin factory       Van Phong         74       Nha Trang       Ba Ngoi         75       Nary Academy terminal       Ca Na         76       Ba Ngoi terminal       Ca Na         77       Ca Na terminal       Ca Na         78       Phu Quy terminal       Ba Ngoi         79       Sai Con terminal       Ca Na         80       Tan Cang terminal       Phu Quy         81       Ba Son terminal       Ca Na         83       Gen shipbuilding industry terminal       Ref	57	Han river terminal			
59       K4D6 oil depot terminal         60       Nai Hien terminal         61       PETC dedicated terminal         62       Dedicated terminal for Ha Van cement factory         63       Hai Son terminal         64       Ky Ha terminal         65       Gas terminal for Da Nang gasoline joint-venture corpany         66       Sa Ky terminal         67       Dung Quat terminal         68       Cuy Nhon terminal         69       Thi Nai terminal         70       Vung Ro general terminal         71       Dam Mon terminal         72       Hon Khoi terminal         73       Terminal for Hyundai – Vinashin factory         74       Nha Trang terminal         75       Navy Academy terminal         76       Ba Ngoi terminal         77       Ca Na terminal         78       Phu Quy terminal         79       Sai Con terminal         80       Tan Thuan Dong terminal         81       Ba Son terminal         82       Tan Cang terminal         83       Terminal for Iougistics development joint-venture 1         84       Sai Con Legas terminal         85       Nha Be oid depot terminal </td <td>58</td> <td>Nguyen Van Troi terminal</td> <td></td>	58	Nguyen Van Troi terminal			
60       Nat Henterminal         61       PETEC dedicated terminal         62       Dedicated terminal for Ha Van cement factory         63       Hai Son terminal         64       Ky Ha terminal         65       Gas terminal for Da Nang gasoline joint-venture conpany         66       Sa Ky terminal         67       Dung Quat terminal         68       Quy Nhon terminal         69       Thi Nai terminal         69       Thi Nai terminal         70       Vung Ro general terminal         71       Dam Mon terminal         72       Hon Khoi terminal         73       Terminal for Hyundai – Vinashin factory         74       Nha Trang terminal         75       Navy Academy terminal         76       Ba Ngoi terminal         77       Ca Na terminal         78       Phu Guy terminal         79       Sai Gon terminal         80       Tan Thuan Dong terminal         81       Ba Son terminal         82       Tan Cang terminal         83       Na Be oil depot terminal         84       Sai Con Etrip gas terminal         85       Nha Be oil depot terminal         88	59	K4D6 oil depot terminal	Do Nong		
61       PETEC dedicated terminal         62       Dedicated terminal for Ha Van cement factory         63       Hai Son terminal         64       Ky Ha terminal         65       Gas terminal for Da Nang gasoline joint-venture conpany       Sa Ky         66       Sa Ky terminal       Dung Quat         67       Dung Quat terminal       Dung Quat         68       Quy Nhon terminal       Quy Nhon         70       Vung Ro general terminal       Vung Ro         71       Dam Mon terminal       Vung Ro         72       Hon Khoi terminal       Van Phong         73       Terminal for /Pundai - Vinashin factory       Van Phong         74       Nha Trang terminal       Ro         75       Navy Academy terminal       Ba Ngoi         76       Ba Ngoi terminal       Ca Na         77       Ca Na terminal       Ca Na         78       Phu Quy terminal       Phu Quy         79       Sai Gon terminal       Ca Na         71       Dam for pigeterminal       Phu Quy         72       Hon Khoi terminal       Ca Na terminal         76       Ba Ngoi terminal       Ca Na terminal         77       Ca Na terminal       P	60	Nai Hien terminal	Da Nalig		
62     Dedicated terminal for Ha Van cement factory       63     Hai Son terminal       64     Ky Ha terminal       65     Gas terminal for Da Nang gasoline joint-venture conpany     Ouang Nam       66     Sa Ky terminal     Durg Quat       67     Dung Quat terminal     Ouy Nhon       68     Quy Nhon terminal     Quy Nhon       69     Thi Nai terminal     Quy Nhon       70     Vung Ro general terminal     Vung Ro       71     Dam Mon terminal     Vung Ro       72     Hon Khoi terminal     Vung Ro       73     Terminal for Hyundai – Vinashin factory     Van Phong       74     Nha Trang terminal     Nha Trang       75     Navy Academy terminal     Ca Na       76     Ba Ngoi terminal     Ca Na       77     Ca Na terminal     Ca Na       78     Phu Quy terminal     Phu Quy       79     Sal Gon terminal     Ca Na       80     Tan Thuan Dong terminal     Phu Quy       79     Sal Gon terminal     Ca Na       81     Ba Son terminal     Terminal for logistics development joint-venture 1       84     Sai Gon Elf- gas terminal     Terminal (Navioli)       85     Nna Be oil depot terminal     Terminal (Navioli)       86     <	61	PETEC dedicated terminal			
63     Hai Son terminal       64     Ky Ha terminal     Quang Nam       65     Gas Ierminal for Da Nang gasoline joint-venture conpany     Sa Ky       67     Dung Quat terminal     Dung Quat       68     Sa Ky terminal     Quy Nhon       69     Thi Nai terminal     Quy Nhon       70     Vung Ro general terminal     Vung Ro       71     Dam Mon terminal     Vung Ro       72     Hon Khoi terminal     Vung Ro       73     Terminal for Hyundai – Vinashin factory     Van Phong       74     Nha Trang terminal     Nha Trang       75     Navy Academy terminal     Ca Na       76     Ba Ngoi terminal     Ca Na       77     Ca Na terminal     Ca Na       78     Phu Quy terminal     Ca Na       79     Sai Gon terminal     Ca Na       80     Tan Thuan Dong terminal     Phu Quy       81     Ba Son terminal     Ensistes development joint-venture 1       84     Sai Gon ELF gas terminal     Free Hype Sig	62	Dedicated terminal for Ha Van cement factory			
64     Ky Ha terminal     Quang Nam       65     Gas terminal for Da Nang gasoline joint-venture conpany     Sa Ky       66     Sa Ky terminal     Dung Quat       67     Dang Quat terminal     Dung Quat       68     Quy Nhon terminal     Quy Nhon       70     Vung Ro general terminal     Vung Ro       71     Dam Mon terminal     Vung Ro       72     Hon Khoi terminal     Vung Ro       73     Terminal for Hyundai – Vinashin factory     Van Phong       74     Nha Trang terminal     Nha Trang       75     Navy Academy terminal     Ba Ngoi       76     Ba Ngoi terminal     Ca Na       77     Ca Na terminal     Ca Na       78     Phu Quy terminal     Phu Quy       79     Sai Gon terminal     Phu Quy       80     Tan Thua Dong terminal     Phu Quy       81     Ba Son terminal     Phu Quy       83     Terminal for logistics development joint-venture 1     Phu Quy       84     Sai Gon ELF gas terminal     Phu Quy       85     Nha Be oi depot terminal     Phu Quy       86     Vegetable oil terminal     Phu Quy       87     Sai Gon ELF gas terminal     Phu Quita terminal       88     An Phu shipbuilding terminal     Phu Qui	63	Hai Son terminal			
66     Gas terminal for Da Nang gasoline joint-venture conpany     Collary Nami       66     Sa Ky terminal     Dung Quat       67     Dung Quat terminal     Quy Nhon       68     Quy Nhon terminal     Quy Nhon       69     Thi Nai terminal     Quy Nhon       70     Vung Ro general terminal     Quy Nhon       71     Dam Mon terminal     Quy Nhon       72     Hon Khoi terminal     Van Phong       73     Terminal for Dryundai – Vinashin factory     Van Phong       74     Nha Trang terminal     Nha Trang       75     Navy Academy terminal     Ba Ngoi       76     Ba Ngoi terminal     Ca Na       77     Ca Na terminal     Ca Na       78     Phu Quy terminal     Phu Quy       79     Sai Gon terminal     Phu Quy       80     Tan Thua Dong terminal     Phu Quy       81     Ba Son terminal     Phu Quy       82     Tan Cang terminal     Phu Quy       83     Terminal for logistics development joint-venture 1     Phu Quy       84     Sai Gon terminal     Phu Quy       85     Nha Be oil depot terminal     Phu Quy       86     An Phu shipbuilding terminal     Phu Quy       97     Sai Gon Petro terminal     Phu Quy	64	Ky Ha terminal	Quana Nam		
66     Sa Ky terminal     Sa Ky       67     Dung Quat terminal     Dung Quat       68     Quy Nhon terminal     Quy Nhon       69     Thi Nai terminal     Quy Nhon       70     Vung Ro general terminal     Vung Ro       71     Dam Mon terminal     Vung Ro       72     Hon Khoi terminal     Vung Ro       73     Terminal for Hyundai – Vinashin factory     Van Phong       74     Nha Trang terminal     Nha Trang       75     Navy Academy terminal     Ba Ngoi       76     Ba Ngoi terminal     Ca Na       77     Ca Na terminal     Ca Na       78     Phu Quy terminal     Phu Quy       79     Sai Gon terminal     Ca Na       80     Tan Thuan Dong terminal     Phu Quy       81     Ba Son terminal     Phu Quy       82     Tan Cang terminal     Phu Quy       83     Terminal for logistics development joint-venture 1     Phu Quy       84     Sai Gon terminal     Phu Sai Gon terminal       85     Nha Be oil depot terminal     Phu Sai Gon terminal       86     Vegetable oil terminal     Phu Sai Gon terminal       87     Sai Gon shipbuilding industry terminal     Phu Sai Gon terminal       88     An Phu shipbuilding terminal <td< td=""><td>65</td><td>Gas terminal for Da Nang gasoline joint-venture conpany</td><td></td></td<>	65	Gas terminal for Da Nang gasoline joint-venture conpany			
67     Dung Quat terminal     Dung Quat       68     Quy Nhon terminal     Quy Nhon       69     Thi Nai terminal     Quy Nhon       70     Vung Ro general terminal     Vung Ro       71     Dam Mon terminal     Vung Ro       72     Hon Khoi terminal     Vung Ro       73     Terminal for Hyundai – Vinashin factory     Van Phong       74     Nha Trang terminal     Nha Trang       75     Navy Academy terminal     Ba Ngoi       76     Ba Ngoi terminal     Ba Ngoi       77     Ca Na terminal     Ca Na       78     Phu Quy terminal     Phu Quy terminal       79     Sai Gon terminal     Phu Quy       80     Tan Thuan Dong terminal     Phu Quy       81     Ba Son terminal     Phu Quy       82     Tar Cang terminal     Phu Quy       83     Terminal for logistics development joint-venture 1     Phu Quy       84     Sai Gon ELF gas terminal     Phu Quy       85     Nha Be oil depot terminal     Phu Quy terminal       86     Vegetable oil terminal (Navioli)     Phu Quy       87     Sai Gon Shipbuilding indrustry terminal     Phu Quy       88     An Phu shipbuilding terminal     Phu Quy       99     Ben Nghe terminal     Phu Q	66	Sa Ky terminal	Sa Ky		
68     Quy Nhon terminal     Quy Nhon       69     Thi Nai terminal     Vung Ro       70     Vung Ro general terminal     Vung Ro       71     Dam Mon terminal     Vung Ro       72     Hon Khoi terminal     Van Phong       73     Terminal for Hyundai – Vinashin factory     Nha Trang       74     Nha Trang terminal     Nha Trang       75     Nawy Academy terminal     Ba Ngoi       76     Ba Ngoi terminal     Ca Na       77     Ca Na terminal     Ca Na       78     Phu Quy terminal     Phu Quy       90     Tan Thuan Dong terminal     Phu Quy       80     Tan Thuan Dong terminal     Phu Quy       81     Ba Son terminal     Phu Quy       82     Tan Cang terminal     Phu Quy       83     Terminal for logistics development joint-venture 1     Phu Quy       84     Sai Gon Et I' gas terminal     Phu       85     Nha Be oil depot terminal     Phu       86     Vegetable oil terminal     Phu       87     Sai Gon Petro terminal     Phu       88     An Phu shipbuilding terminal     Phu       89     Ben Nghe terminal     Phu       91     Lotus terminal     Phu       92     Cat Lai terminal	67	Dung Quat terminal	Dung Quat		
69     Thi Nai terminal     Cuty Mr01       70     Vung Ro general terminal     Vung Ro       71     Dam Mon terminal     Van Phong       72     Hon Khoi terminal     Van Phong       74     Nha Trang terminal     Nha Trang       75     Navy Academy terminal     Ba Ngoi       76     Ba Ngoi terminal     Ba Ngoi       77     Ca Na terminal     Ca Na       78     Phu Quy terminal     Ca Na       78     Phu Quy terminal     Phu Quy       79     Sai Gon terminal     Phu Quy       80     Tan Thuan Dong terminal     Phu Quy       81     Ba Son terminal     Phu Quy       83     Terminal for logistics development joint-venture 1     Phu Sai Gon ELF gas terminal       84     Sai Gon shipbuilding industry terminal     Phu Quy       85     Nha Be oil depot terminal     Phu Supetable oil terminal       88     An Phu shipbuilding industry terminal     Phu Quy       89     Ben Nghe terminal     Phu Cuy       90     Rau Qua terminal     Phu Cuy       91     Lotus terminal     Phu Chus terminal       92     Cat Lai Petco petroleum terminal     Phu Petchirm terminal       94     Petchirm terminal     Phu Petchirm terminal       95     Sao M	68	Quy Nhon terminal	Quu Nhan		
70       Vung Ro general terminal       Vung Ro         71       Dam Mon terminal       Van Phong         72       Hon Khoi terminal       Van Phong         73       Terminal for Hyundai – Vinashin factory       Nha Trang terminal         74       Nha Trang terminal       Nha Trang         75       Navy Academy terminal       Ba Ngoi         76       Ba Ngoi terminal       Ca Na         77       Ca Na terminal       Ca Na         78       Phu Quy terminal       Phu Quy terminal         80       Tan Thuan Dong terminal       Phu Quy         81       Ba Son terminal       Phu Quy         82       Tan Cang terminal       Phu Quy         83       Terminal for logistics development joint-venture 1       Phu Quy         84       Sai Gon shipbuiliding industry terminal       Phu Sai Gon EIF gas terminal         85       Nha Be oil depot terminal       Phu Sai Gon Shipbuiliding industry terminal         88       An Phu shipbuiliding industry terminal       Phu Sai Gon Petro terminal         90       Rau Qua terminal       Phu Cang)       PHO         91       Lotus terminal       Phu Petechim terminal       PHO         92       Cat Lai Petec petroleum terminal       PHO	69	Thi Nai terminal	Quy Nnon		
71       Dam Mon terminal         72       Hon Khoi terminal         73       Terminal for Hyundai – Vinashin factory         74       Nha Trang terminal         75       Navy Academy terminal         76       Ba Ngoi terminal         77       Ca Na terminal         78       Phu Quy terminal         79       Sai Gon terminal         80       Tan Thuan Dong terminal         81       Ba Son terminal         82       Tan Cang terminal         83       Terminal for logistics development joint-venture 1         84       Sai Gon shipbuilding industry terminal         85       Nha Be oil depot terminal         86       Vegetable oil terminal (Navioil)         87       Sai Gon shipbuilding industry terminal         88       An Phu shipbuilding industry terminal         89       Ben Nghe terminal         90       Rau Qua terminal         91       Lotus terminal         92       Cat Lai terminal (Tan Cang)         93       Sai On Petro terminal         94       Petechim terminal         95       Sao Mai cement terminal         96       Cat Lai Petropetorleum terminal         97       X51 t	70	Vung Ro general terminal	Vung Ro		
72       Hon Khoi terminal       Van Phong         73       Terminal for Hyundai – Vinashin factory       Nha Trang         74       Nha Trang terminal       Nha Trang         75       Ba Ngoi terminal       Ba Ngoi         76       Ba Ngoi terminal       Ca Na         77       Ca Na terminal       Ca Na         78       Phu Quy terminal       Phu Quy         79       Sai Gon terminal       Phu Quy         80       Tan Thuan Dong terminal       Phu Quy         81       Ba Son terminal       Phu Quy         82       Tan Cang terminal       Phu Quy         83       Terminal for logistics development joint-venture 1       Phu Quy         84       Sai Gon ELF gas terminal       Phu Sup terminal         85       Nha Be oil depot terminal       Phu Sup terminal         86       An Phu shipbuilding industry terminal       Phu Sup terminal         87       Sai Gon shipbuilding industry terminal       Phu Sup terminal         90       Rau Qua terminal       Phu Sup terminal         91       Lotus terminal       Petechin terminal         92       Cat Lai Petec petroleum terminal       Petechin terminal         94       Petechrin terminal       Petechine	71	Dam Mon terminal			
73       Terminal for Hyundai – Vinashin factory         74       Nha Trang terminal         75       Navy Academy terminal         76       Ba Ngoi terminal         77       Ca Na terminal         77       Ca Na terminal         78       Phu Quy terminal         79       Sai Gon terminal         80       Tan Thuan Dong terminal         80       Tan Thuan Dong terminal         81       Ba Son terminal         82       Tan Cang terminal         83       Terminal for logistics development joint-venture 1         84       Sai Gon Shipbuiliding industry terminal         85       Nha Be oil depot terminal         86       Vegetable oil terminal (Navioil)         87       Sai Gon shipbuiliding terminal         88       An Phu shipbuilding terminal         89       Ben Nghe terminal         90       Rau Qua terminal         91       Lotus terminal         92       Cat Lai terminal (Tan Cang)         93       Sai Gon Petro terminal         94       Petechim terminal         95       Sao Mai cement terminal         96       Cat Lai Petac petroleum terminal         97       X51 terminal <td>72</td> <td>Hon Khoi terminal</td> <td colspan="2" rowspan="2">Van Phong</td>	72	Hon Khoi terminal	Van Phong		
74       Nha Trang terminal       Nha Trang         75       Navy Academy terminal       Ba Ngoi         76       Ba Ngoi terminal       Ba Ngoi         77       Ca Na terminal       Ca Na         78       Phu Quy terminal       Phu Quy         79       Sai Gon terminal       Phu Quy         79       Sai Gon terminal       Phu Quy         80       Tan Thuan Dong terminal       Phu Quy         81       Ba Son terminal       Phu Quy         82       Tan Cang terminal       Phu Quy         83       Terminal for logistics development joint-venture 1       Phu Sai Gon ELF gas terminal         84       Sai Gon ELF gas terminal       Phu Sai Gon Shipbuilding industry terminal         85       Nha Be oil depot terminal       Phu Sai Gon shipbuilding industry terminal         86       Vegetable oil terminal       Phu Quy         90       Rau Qua terminal       Phu Sai Gon Petro terminal         90       Rau Qua terminal       Phu Cang)         91       Lotus terminal       Petechim terminal         92       Cat Lai terminal       Petechim terminal         93       Sai Gon Petro terminal       Petechim terminal         94       Petechim terminal       P	73	Terminal for Hyundai – Vinashin factory			
75       Navy Academy terminal       Nna Trang         76       Ba Ngoi terminal       Ba Ngoi         77       Ca Na terminal       Ca Na         78       Phu Quy terminal       Phu Quy         79       Sai Gon terminal       Phu Quy         80       Tan Thuan Dong terminal       Phu Quy         81       Ba Son terminal       Phu Quy         82       Tan Cang terminal       Phu Quy         83       Terminal for logistics development joint-venture 1       Phu Quy         84       Sai Gon ELF gas terminal       Phu Quy         85       Nha Be oil depot terminal       Phu Quy         86       Vegetable oil terminal (Navioil)       Phu Quy         87       Sai Gon shipbuiliding industry terminal       Phu Quy         88       An Phu shipbuiliding terminal       Phu Quy         90       Rau Qua terminal       Phu Quy         91       Lotus terminal       Phu Quy         92       Cat Lai terminal       Phu Quy         93       Sai Gon Petro terminal       Phu Petechim terminal         94       Petechim terminal       Phu Quy         95       Sao Mai cement terminal       Phu Quy         96       Cat Lai Petec petr	74	Nha Trang terminal			
76       Ba Ngoi terminal       Ba Ngoi         77       Ca Na terminal       Ca Na         78       Phu Quy terminal       Phu Quy         79       Sai Gon terminal       Phu Quy         80       Tan Thuan Dong terminal       Phu Quy         81       Ba Son terminal       Phu Quy         82       Tan Cang terminal       Phu Quy         83       Terminal for logistics development joint-venture 1       Phu Quy         84       Sai Gon ELF gas terminal       Phu Suy         85       Nha Be oil depot terminal       Phu Suy         86       Vegetable oil terminal (Navioil)       Phu Suy         87       Sai Gon shipbuilding industry terminal       Phu Quy         88       An Phu shipbuilding terminal       Phu Suy         90       Rau Qua terminal       Phu Quy       Phu Suy         91       Lotus terminal       Phu Quy       Phu Cuy         93       Sai Gon Petro terminal       Phu Quy       Phu Petechim terminal         94       Petechim terminal       Phu Petechim terminal       Phu Putus Petechim terminal         95       Sao Mai cement terminal       Phu Putus Petechim terminal       Phu Putus Ph	75	Navy Academy terminal	inna Trang		
77       Ca Na terminal       Ca Na         78       Phu Quy terminal       Phu Quy         79       Sai Gon terminal       Phu Quy         80       Tan Thuan Dong terminal       Phu Quy         81       Ba Son terminal       Phu Quy         82       Tan Cang terminal       Phu Quy         83       Terminal for logistics development joint-venture 1       Phu Quy         84       Sai Gon ELF gas terminal       Phu Quy         85       Nha Be oil depot terminal       Phu Quy         86       Vegetable oil terminal (Navioil)       Phu Quy         87       Sai Gon shipbuiliding industry terminal       Phu Quy         88       An Phu shipbuilding terminal       Phu Quy         90       Rau Qua terminal       Phu Quy         91       Lotus terminal       Phu Quy         92       Cat Lai terminal (Tan Cang)       Phu Petechim terminal         94       Petechim terminal       Petechim terminal         95       Sao Mai cement terminal       Phu Quy         94       Petechim terminal       Phu Quy         95       Sao Mai cement terminal       Phu Quy         96       Cat Lai Petec petroleum terminal       Phu Quy         97 <td>76</td> <td>Ba Ngoi terminal</td> <td>Ba Ngoi</td>	76	Ba Ngoi terminal	Ba Ngoi		
78       Phu Quy terminal       Phu Quy         79       Sai Gon terminal       Phu Quy         79       Sai Gon terminal       Phu Quy         80       Tan Thuan Dong terminal       Phu Quy         81       Ba Son terminal       Phu Quy terminal         82       Tan Cang terminal       Phu Quy         83       Terminal for logistics development joint-venture 1       Phu Quy         84       Sai Gon ELF gas terminal       Phu Quy         85       Nha Be oil depot terminal       Phu Quy         86       Vegetable oil terminal (Navioil)       Phu Quy         87       Sai Gon shipbuilding industry terminal       Phu Quy         88       An Phu shipbuilding terminal       Phu Quy         90       Rau Qua terminal       Phu Quy         91       Lotus terminal       Phu Super terminal         92       Cat Lai terminal (Tan Cang)       Phu Petechim terminal         94       Petechim terminal       Phu Quy         95       Sao Mai cement terminal       Phu Quy         94       Petecheptroleum terminal       Phu Quy         95       Sao Mai cement terminal       Phu Quy         96       Cat Lai Peter petroleum terminal       Phu Quy	77	Ca Na terminal	Ca Na		
79       Sai Gon terminal         80       Tan Thuan Dong terminal         81       Ba Son terminal         82       Tan Cang terminal         83       Terminal for logistics development joint-venture 1         84       Sai Gon ELF gas terminal         85       Nha Be oil depot terminal         86       Vegetable oil terminal (Navioil)         87       Sai Gon shipbuilding industry terminal         88       An Phu shipbuilding terminal         89       Ben Nghe terminal         90       Rau Qua terminal         91       Lotus terminal         92       Cat Lai terminal (Tan Cang)         93       Sai Gon Petro terminal         94       Petechim terminal         95       Sao Mai cement terminal         96       Cat Lai Petco petroleum terminal         97       X51 terminal         98       Lam Tai Chanh petrochemical products terminal         97       X51 terminal         98       Lam Tai Chanh petrochemical products terminal         99       Vitaico terminal         91       Votatico terminal	78	Phu Quy terminal	Phu Quy		
80       Tan Thuan Dong terminal         81       Ba Son terminal         82       Tan Cang terminal         83       Terminal for logistics development joint-venture 1         84       Sai Gon ELF gas terminal         85       Nha Be oil depot terminal         86       Vegetable oil terminal (Navioil)         87       Sai Gon shipbuilding industry terminal         88       An Phu shipbuilding terminal         89       Ben Nghe terminal         90       Rau Qua terminal         91       Lotus terminal         92       Cat Lai terminal (Tan Cang)         93       Sai Gon Petro terminal         94       Petechim terminal         95       Sao Mai cement terminal         96       Cat Lai Petco petroleum terminal         97       X51 terminal         98       Lam Tai Chanh petrochemical products terminal         97       X51 terminal         98       Lam Tai Chanh petrochemical products terminal         99       Vitaico terminal         90       VK.102 oil depot terminal	79	Gon terminal			
81       Ba Son terminal         82       Tan Cang terminal         83       Terminal for logistics development joint-venture 1         84       Sai Gon ELF gas terminal         85       Nha Be oil depot terminal         86       Vegetable oil terminal (Navioil)         87       Sai Gon shipbuiliding industry terminal         88       An Phu shipbuilding terminal         89       Ben Nghe terminal         90       Rau Qua terminal         91       Lotus terminal         92       Cat Lai terminal (Tan Cang)         93       Sai Gon Petro terminal         94       Petechim terminal         95       Sao Mai cement terminal         96       Cat Lai Petec petroleum terminal         97       X51 terminal         98       Lam Tai Chanh petrochemical products terminal         99       Vitaico terminal         91       Vitaico terminal	80	Tan Thuan Dong terminal			
82       Tan Cang terminal         83       Terminal for logistics development joint-venture 1         84       Sai Gon ELF gas terminal         85       Nha Be oil depot terminal         86       Vegetable oil terminal (Navioil)         87       Sai Gon shipbuiliding industry terminal         88       An Phu shipbuilding terminal         89       Ben Nghe terminal         90       Rau Qua terminal         91       Lotus terminal         92       Cat Lai terminal (Tan Cang)         93       Sai Gon Petro terminal         94       Petechim terminal         95       Sao Mai cement terminal         96       Cat Lai Petec petroleum terminal         97       X51 terminal         98       Lam Tai Chanh petrochemical products terminal         98       Lam Tai Chanh petrochemical products terminal         99       Vitaico terminal	81	Ba Son terminal			
83       Terminal for logistics development joint-venture 1         84       Sai Gon ELF gas terminal         85       Nha Be oil depot terminal         86       Vegetable oil terminal (Navioil)         87       Sai Gon shipbuiliding industry terminal         88       An Phu shipbuilding terminal         89       Ben Nghe terminal         90       Rau Qua terminal         91       Lotus terminal         92       Cat Lai terminal (Tan Cang)         93       Sai Gon Petro terminal         94       Petechim terminal         95       Sao Mai cement terminal         96       Cat Lai Petec petroleum terminal         97       X51 terminal         98       Lam Tai Chanh petrochemical products terminal         99       Vitaico terminal         91       Utatico terminal	82	Tan Cang terminal			
84       Sai Gon ELF gas terminal         85       Nha Be oil depot terminal         86       Vegetable oil terminal (Navioil)         87       Sai Gon shipbuilding industry terminal         88       An Phu shipbuilding terminal         89       Ben Nghe terminal         90       Rau Qua terminal         91       Lotus terminal         92       Cat Lai terminal (Tan Cang)         93       Sai Gon Petro terminal         94       Petechim terminal         95       Sao Mai cement terminal         96       Cat Lai Petec petroleum terminal         97       X51 terminal         98       Lam Tai Chanh petrochemical products terminal         99       Vitaico terminal         90       Vitaico terminal	83	Terminal for logistics development joint-venture 1			
85       Nha Be oil depot terminal         86       Vegetable oil terminal (Navioil)         87       Sai Gon shipbuilding industry terminal         88       An Phu shipbuilding terminal         89       Ben Nghe terminal         90       Rau Qua terminal         91       Lotus terminal         92       Cat Lai terminal (Tan Cang)         93       Sai Gon Petro terminal         94       Petechim terminal         95       Sao Mai cement terminal         96       Cat Lai Petec petroleum terminal         97       X51 terminal         98       Lam Tai Chanh petrochemical products terminal         99       Vitaico terminal         90       Vitaico terminal	84	Sai Gon ELF gas terminal			
86       Vegetable oil terminal (Navioil)         87       Sai Gon shipbuilding industry terminal         88       An Phu shipbuilding terminal         89       Ben Nghe terminal         90       Rau Qua terminal         91       Lotus terminal         92       Cat Lai terminal (Tan Cang)         93       Sai Gon Petro terminal         94       Petechim terminal         95       Sao Mai cement terminal         96       Cat Lai Petec petroleum terminal         97       X51 terminal         98       Lam Tai Chanh petrochemical products terminal         99       Vitaico terminal         91       VK.102 oil depot terminal	85	Nha Be oil depot terminal			
87       Sai Gon shipbuiliding industry terminal         88       An Phu shipbuilding terminal         89       Ben Nghe terminal         90       Rau Qua terminal         91       Lotus terminal         92       Cat Lai terminal (Tan Cang)         93       Sai Gon Petro terminal         94       Petechim terminal         95       Sao Mai cement terminal         96       Cat Lai Petec petroleum terminal         97       X51 terminal         98       Lam Tai Chanh petrochemical products terminal         99       Vitaico terminal         99       Vitaico terminal	86	Vegetable oil terminal (Navioil)			
88       An Phu shipbuilding terminal         89       Ben Nghe terminal         90       Rau Qua terminal         91       Lotus terminal         92       Cat Lai terminal (Tan Cang)         93       Sai Gon Petro terminal         94       Petechim terminal         95       Sao Mai cement terminal         96       Cat Lai Petec petroleum terminal         97       X51 terminal         98       Lam Tai Chanh petrochemical products terminal         99       Vitaico terminal         100       VK.102 oil depot terminal	87	Sai Gon shipbuiliding industry terminal			
89       Ben Nghe terminal         90       Rau Qua terminal         91       Lotus terminal         92       Cat Lai terminal (Tan Cang)         93       Sai Gon Petro terminal         94       Petechim terminal         95       Sao Mai cement terminal         96       Cat Lai Petec petroleum terminal         97       X51 terminal         98       Lam Tai Chanh petrochemical products terminal         99       Vitaico terminal         100       VK.102 oil depot terminal	88	An Phu shipbuilding terminal			
90       Rau Qua terminal         91       Lotus terminal         92       Cat Lai terminal (Tan Cang)         93       Sai Gon Petro terminal         94       Petechim terminal         95       Sao Mai cement terminal         96       Cat Lai Petec petroleum terminal         97       X51 terminal         98       Lam Tai Chanh petrochemical products terminal         99       Vitaico terminal         100       VK.102 oil depot terminal	89	Ben Nghe terminal			
91       Lotus terminal         92       Cat Lai terminal (Tan Cang)         93       Sai Gon Petro terminal         94       Petechim terminal         95       Sao Mai cement terminal         96       Cat Lai Petec petroleum terminal         97       X51 terminal         98       Lam Tai Chanh petrochemical products terminal         99       Vitaico terminal         100       VK.102 oil depot terminal	90	Rau Qua terminal	IP.HCM		
92       Cat Lai terminal (Tan Cang)         93       Sai Gon Petro terminal         94       Petechim terminal         95       Sao Mai cement terminal         96       Cat Lai Petec petroleum terminal         97       X51 terminal         98       Lam Tai Chanh petrochemical products terminal         99       Vitaico terminal         100       VK.102 oil depot terminal	91	Lotus terminal			
93       Sai Gon Petro terminal         94       Petechim terminal         95       Sao Mai cement terminal         96       Cat Lai Petec petroleum terminal         97       X51 terminal         98       Lam Tai Chanh petrochemical products terminal         99       Vitaico terminal         100       VK.102 oil depot terminal	92	Cat Lai terminal (Tan Cang)			
94       Petechim terminal         95       Sao Mai cement terminal         96       Cat Lai Petec petroleum terminal         97       X51 terminal         98       Lam Tai Chanh petrochemical products terminal         99       Vitaico terminal         100       VK.102 oil depot terminal	93	Sai Gon Petro terminal			
95       Sao Mai cement terminal         96       Cat Lai Petec petroleum terminal         97       X51 terminal         98       Lam Tai Chanh petrochemical products terminal         99       Vitaico terminal         100       VK.102 oil depot terminal	94	Petechim terminal			
96     Cat Lai Petec petroleum terminal       97     X51 terminal       98     Lam Tai Chanh petrochemical products terminal       99     Vitaico terminal       100     VK.102 oil depot terminal	95	Sao Mai cement terminal			
97     X51 terminal       98     Lam Tai Chanh petrochemical products terminal       99     Vitaico terminal       100     VK.102 oil depot terminal	96	Cat Lai Petec petroleum terminal			
98     Lam Tai Chanh petrochemical products terminal       99     Vitaico terminal       100     VK.102 oil depot terminal	97	X51 terminal			
99     Vitaico terminal       100     VK.102 oil depot terminal	98	Lam Tai Chanh petrochemical products terminal			
100 VK.102 oil depot terminal	99	Vitaico terminal			
	100	VK.102 oil depot terminal			

No.	Name of Terminal	Under Seaport				
101	Sai Gon shipbuilding terminal					
102	Hiep Phuoc electricity terminal					
103	Chinfon Hai Phong cement terminal (in Hiep Phuoc)					
104	Holcim Hiep Phuoc cement terminal					
105	Nghi Son cement terminal					
106	Fico cement terminal					
107	Minh Tan commercial terminal for petroleum transport					
108	Terminal of Hang Giang II techinal college					
109	Bien Dong terminal					
110	Calofic dedicated terminal					
111	Dong Nai terminal					
112	Go Dau A terminal					
113	Go Dau B terminal					
114	Vedan Phuoc Thai terminal					
115	Long Thanh dedicated terminal					
116	Phuoc Thai Gas PVC terminal	Dong Nai				
117	Phu Dong terminal	Dong Nai				
118	Phuoc Khanh dedicated terminal					
119	Phuoc Khanh petroleum terminal					
120	AP petrochemistry terminal					
121	Lafarge cement terminal					
122	SCT Gas terminal					
123	Binh Duong general terminal	Binh Duong				
124	Baria Serece terminal					
125	Terminal for Phu My power plant					
126	PVGas Vung Tau terminal					
127	Vietsovpetro terminal					
128	Cam Pha cement terminal					
129	Vung tau trade teminal (Cat Lo berth)					
130	PTSC upstream terminal					
131	PTSC petroleum terminal					
132	PTSC downstream terminal					
133	K2 oil terminal (Vung Tau oil berth)	Vung Tau				
134	Interflour Cai Mep terminal					
135	Dong Xuyen petroleum terminal					
136	Phu My fertilizer and general oil&gas services terminal					
137	Phu My steel terminal					
138	Holcim Thi Vai terminal					
139	Vungtau Shipyard terminal					
140	Cat Lo Vung Tau fishing terminal					
141	Cat Lo aquiculture terminal					
142	Truong Sa seafood terminal					
143	Can Tho terminal					
144	Tra Noc petroleum terminal					
145	Total Gas Can Tho terminal					
146	Can Tho petroleum depot terminal					
147	Phuc Thanh dedicated terminal	Can Tho				
148	Hau river food terminal (Tra Noc)					
149	Hau Giang petroleum terminal					
150	Petro Mekong petroleum terminal					
151	X55 terminal					

No.	Name of Terminal	Under Seaport
152	Can Tho container terminal	
153	Can Tho sea shipping terminal	
154	1.000T Northern SouthWest oil terminal	
155	Cai Cui terminal	
156	Binh Minh terminal	
157	Dong Thap terminal	
158	Sa Dec terminal	Dong Thap
159	Dong Thap petroleum terminal	
160	My Thoi terminal	My Thoi
161	My Tho terminal	My Tho
162	Vinh Long terminal	Vinh Long
163	Nam Can terminal	Nam Can
164	Hon Chong terminal	Hon Chong
165	Binh Tri terminal	Binh Tri
166	Ben Dam terminal	Con Dao

Source: Prime Minister's Decision No.16/2008/QD-TTg dated January 28, 2008.

**APPENDIX 3C** 

List of Vietnam Ports in the Seaport System Development Plan to 2010

# APPENDIX 3C: LIST OF VIETNAM PORTS IN THE SEAPORT SYSTEM DEVELOPMENT PLAN TO 2010

(Attached to Decision No.202/1999/QD-TTg dated December 12th, 1999)

		Type of port		Planned Scale to 2010	
No.	Name of Port	Name of Port General Specialized		Port Capacity	Vessel Size
			opooranizou	(million tons/yr)	(DWT)
	Seaport group of the North				
1	Mui Chua port	Х		0.2	2 - 3,000
2	Cua Ong port		Coal	5.0 - 5.2	50,000
3	Cam Pha port	X	Steel	4.0 - 5.0	30 - 50,000
4	Hon Gai coal port (Cau Trang)		Comant	1.8 - 2.0	5,000
5 6	Coil on port	*	Cement	3.3 - 3.0	20,000
7	P12 oil port		Oil	30 35	30,000
8	Dien Cong port		Coal	03-04	5,000
0	Hai Phong port (Hoang Dieu, Vat Cach, Chua Va)	*	COal	80-85	10,000
10	Cua Cam port			0.0-0.0	5,000
10	Port of the Northern Container Company	Y		1	10,000
12	Hai Phong port (Dinh Vu area)	X Y		25-6	10,000
13	Dinh Vu Industrial Zone Port	~	Industrial Zone	2-65	10,000
14	Dinh Vu IV Oil port		Oil product	2 0.0	10,000
15	Thuong Ly port		Oil	0.3	3,000
	Gas and petroleum JV ports (Dai Hai, Total, Petex, Thang		Gas and	0.0	
16	Long)		petroleum	0.4 - 0.5	5 - 10,000
17	Caltex Vietnam JV port		Tar		5,000
18	Bach Dang port	Х		2.5	10,000
19	Cement port (Chinfon cement and Hai Phong cement)		Cement	2.2 - 2.4	5,000
20	Transvina JV port	Х		0.3 - 0.4	10,000
21	Port of Naval corps 128	x	for national defence & economic use		3 - 5,000
22	Dong Hai Iz port	Х			10,000
23	Diem Dien port	Х		0.2 - 0.3	600
24	Hai Thinh port	Х		0.5 - 0.6	2,000
	Potential ports				
	+ Port by Bach Dang river	х			
	+ Port by Chanh river		Oil		
I	Seaport group of the Northern Center Region				
25	Le Mon port	Х		0.6 - 0.7	1,000
26	Nghi Son port		Cement	2.5	30,000
27	Nghe Tinh port (Cua Lo - Ben Thuy)	*		2.9 - 3.5	10,000
28	Nghi Huong oil port		Oil	0.4 - 0.5	10,000
29	Hung Hoa oil port		Oil		1,200
30	Xuan Hai port	X		0.3 - 0.5	1,000
31	Vung Ang port	*		2.6 - 3.9	30,000
	Potential port		0.1		
	+ Nghi Son port		Oil		
	+ I nach Khe port		Iron ore		
	+ Hon La port		General		
111	Seaport group of the Middle of Center Region			0.2.0.4	1 000
32	Quarig Binn port (Giann sub-port and Nhat Le sub-port)	X	0:1	0.3 - 0.4	1,000
33	Song Giann oli and petrol port		UI	0.1 - 0.2	1,000
34	Cua viet port	Х		0.1 - 0.2	1,000

		Type of port		Planned Scale to 2010	
No.	Name of Port	General	Specialized	Port Capacity (million tons/yr)	Vessel Size (DWT)
35	Thuan An port	Х		0.2	2,000
36	Thuan An petroleum port		Oil	0.2 - 0.3	2,000
37	Chan May port	*		2.2 - 2.3	50,000
38	Da nang port	Х			
	+ Tien Sa - Song Han			3.6 - 3.9	30,000
	+ Lien Chieu area			8 - 8.5	50,000
39	234 port (Millitary zone 5)	Х		0.3 - 0.4	2 - 3,000
40	Port of Danang Maritime Transportation company	Х			3,000
41	Petroleum port of Danang area				
	+ My Khe		Oil	0.8 - 1	30,000
	+ Nai Hien		Oil	0.1 - 0.2	3,000
	+ Lien Chieu		Oil	0.1	7,000
42	Hai Van port		Cement	0.5 - 0.6	10,000
43	Ky Ha port (for breaking used ships, liquefied gas, general cargoes, etc.)	х		0.4 - 0.5	3 - 10,000
44	Sa Ky port	Х			
45	Dung Quat port	*			
	+ Oil refine zone		Oil	25 - 26	200,000
	+ General cargoes zone	*		2 - 2.5	30,000
	+ Break bulk cargoes zone				50,000
	+ Oil and gas services				10,000
	Potential port				
	+ Nam O port				
IV	Group of the Southern Center Region				
46	Quy Nhon port	*			
	+ Existing Quy Nhon area	*		1.3	10.000
	+ Nhon Hoi area	Х		2	30.000
47	Quy Nhon petroleum port		Oil	0.5 - 0.8	10.000
48	Thi Nai port	Х		0.4 - 0.6	5,000
49	Vung Ro port	Х	Oil	0.4 - 0.6	10,000
50	Hon Khoi port		Salt	0.1 - 0.2	600
51	Nha Trang port	*		0.8 - 1	10.000
52	Ba Ngoi port	x		0.3 - 0.4	20.000
53	Mui Chut port		Oil	0.7 - 0.8	10.000
54	Phu Qui port (sea-product and serving for island districts)	X			1 - 2.000
55	Dam Mon port	~	Sand	0.2	30,000
	Potential ports		00110		
	+ Van Phong international transshipment port (Khanh Hoa)				
	+ Mui Ne port		Break ore		
v	Ho Chi Minh - Dong Nai - Ba Ria - Vung Tau Region				
	Ho Chi Minh area				
56	Sai Gon port (Nha Rong, Khanh Hoi, Tan Thuan zone)	*		9.0 - 10	25 - 30.000
57	Port of Nha Be area	x		2.5 - 3.5	25 - 30.000
58	Vietso Lighter port	X	1	0.3 - 0.4	10.000
59	Ben Nahe port	*	1	2.1 - 2.3	20.000
60	Port of the Southern Waterway Corp.	х			10.000
61	Port of the First Logistics Development JV Company (FLDC)	X		1.4 - 1.5	20.000
62	ELF Gas port	~	Gas	0.1	10.000
63	Port of Tan Thuan Export Processing Zone		EP7	2	20.000
64	Tan Thuan Dong vegetables and fruits port	х	+	0.4 - 0.5	15.000
65	Bong Sen port (Lotus port)	X	1	0.2 - 0.3	10.000
			1	1	.,

		Туре	e of port	Planned Scale to 2010	
No.	Name of Port	General	Specialized	Port Capacity (million tons/yr)	Vessel Size (DWT)
66	Naval New port (Tan Cang and Cat Lai)	*		3.0 - 3.5	10 - 15,000
67	Vegetable oil port		Vegetable oil	1 - 1.2	20,000
68	Nha Be Petroleum port		Oil	4.5	25,000
69	Petechim petroleum port		Oil	4.5	25,000
70	Petec petroleum port		Oil	1	25,000
71	Sai Gon PETRO port		Oil	1	25,000
72	VITAICO port		Wood	0.2 - 0.3	25,000
73	Port of Phu Dong JV company		Wood	0.2 - 0.4	25,000
74	Phuoc Khanh port		Wood	0.2 - 0.3	25,000
75	Sao Mai (Cat Lai) port		Cement	2.2	15,000
76	Ports in Hiep Phuoc area		Industrial Zone		
	+ Oil port for power plant		Oil		
	+ Nghi Son cement port		Cement		
	+ Hiep Phuoc Iz port				
	+ Other ports				
	Ba Ria - Vung Tau - Dong Nai area				
77	Dong Nai port	x			1 - 2,000
78	Dong Nai Gas port (SCTGAS and VT.GAS)				
79	Phuoc Lai (VEDAN) port		Х	1.0 - 1.5	10 - 15,000
80	Go Dau A port	x		0.8 - 1	15,000
81	Long Thanh company		Fertilizer	0.3	3 - 5,000
82	PVC Gas port (unique gas)		Gas	0.1 - 0.2	5,000
83	Go Dau B port	*		3.0 - 4.0	15,000
84	Go Dau C port	x		0.8 - 1	15,000
85	Oil port of the Phu My Power Plant		Oil	1.0 - 1.2	10,000
86	JV ports (with foreign partners)				
	+ Multi-purpose port	x		6 - 6.5	30,000
	+ Thi Vai JV port	x		3	30,000
87	Baria-Serece port	x		2.0 - 3.0	30,000
88	Chemical ports				
	+ Port for electricity-fertiliser company	x		1 - 1.5	30,000
	+ Port for methanol company	x		1 - 1.5	30,000
89	Chinfon cement port		Cement	3.5 - 4	20,000
90	Thi Vai multi-purpose port	*		6.5 - 10	30,000
91	Cai Mep - Vinafood port	x	Food	1.5 - 2.5	30,000
92	Cai Mep Container port	x		3.5 - 4	30 - 50,000
93	Port of PVC company		Liquefied gas products		30 - 50,000
94	Cai Mep oil port				
	+ LPG port (Petro Vietnam)				
	+ Sai Gon petro port		Oil and gas	3.5 - 4.5	50,000
	+ PETEC port				
95	Long Son port complex		Oil products	10.0 - 11.0	30,000
96	Cat Lo port	X		0.8 - 1	10,000
97	PTSC port		For oil and gas		10,000
98	Vietsovpetrol port		For oil and gas		10,000
99	K2 Oil port		Oil	0.3 - 0.4	7,000
	Potential ports				
	+ Ports by Cai Mep river mouth	X			
	Container port				
	Hoan Nguyen steel port				

		Тур	Type of port		Planned Scale to 2010	
No.	Name of Port	General	General Specialized		Vessel Size (DWT)	
	+ Phuoc An port	Х				
	+ Vung Tau multi-purpose port					
VI	Seaport Group of the Mekong Delta					
100	Can Tho port (includes Hoang Dieu, Tra Noc and future Cai Cui port)	*		3.5 - 4.5	10,000	
101	Can Tho Oil and Gas port		х	0.5 - 1	5,000	
102	Cao Lanh - Sa Dec port	Х		0.3 - 0.4	5,000	
103	Vinh Thai port	Х		0.4 - 0.5	2,000	
104	My Thoi port	Х		0.4 - 0.5	5,000	
105	My Tho port	Х		0.6 - 0.7	5,000	
106	Viet Nguyen port		х		5,000	
107	Hon Chong port	х		0.3	2,000	
108	Nam Can port	Х		0.2 - 0.3	2,000	
109	Long An port (Soai Rap river)	Х		0.4 - 0.5	5 - 20,000	
110	Dai Ngai port	Х		0.4 - 0.5	5,000	
111	Tra Cu port	Х		0.2 - 0.3	5,000	
112	Binh Tri port		Cement	1.8 - 2	10,000	
VII	Seaport group of Southwest islands					
113	An Thoi - Duong Dong floating port (Phu Quoc)			2 berths	60,000	
	Potential port					
	+ Hon Thom port					
VIII	Seaport group of Con Dao area					
114	Ben Dam port	Х			2,000	
	Potential port					
	+ Con Dao port					

Note

1- In the Vietnam seaport system plan to 2010, there are also floating ports for cargo handling, service ports for Vietnam shipbuilding industry - offshore floating ports for oil&gas exploiting and exporting

2- Mark \* is the main general port of the group Source: Prime Minister's Decision No.202/1999/QD-TTg dated December 12th, 1999.

APPENDIX 4D

Ship Financing Models

# APPENDIX 4D: SHIP FINANCING MODELS

## 4D.1 Ship Financing Program: Case of Japan

### 4D.1.1 Rationale

The government of Japan provides a number of assistance to its shipping industry, the most noteworthy is the financing channeled through the Corporation for Advanced Transport and Technology (CATT), formerly known as the Maritime Credit Corporation. The basic objective of the CATT is "to contribute to the provision of adequate and efficient shipping and port transport". Indirectly, it aims to promote social stability and economic growth. The CATT was later merged into the Japan Rail Transport and Technology (JRTT).

#### Profile of JRTT

- Established: June 1959 as the Maritime Credit Corporation
- Re-organized in October 1997 into Corporation for Advanced Transport and Technology
- Capital : Yen 14.9 billion (as of 31March 1999, government-financed)
- Staff: 132
- Operational budget: Yen 1,245.5 billion (for 1997 fiscal year)
- Operating capital: Procured through government loans and privately accepted bonds
- Merged in 2003 into Japan Rail Transport and Technology.

#### 4D.1.2 Eligibility requirements

Eligibility conditions for the financing are:

- Must be domestic operators in difficulty to obtain financing, for a financially-viable project;
- (ii) In the form of investment (joint vessel ownership) or loan (financing project).

The JRTT participates in shipbuilding - not only by extending straight loans but also equity in joint ownership of the asset, thus sharing the burden with the domestic merchant shipping company. Each ship, although owned by both entities, is managed and operated by the shipping company.

#### 4D.1.3 How it works

Prior to ship construction, both the JRTT and shipping company agree on the design and basic specifications, taking into account the route on which the ship will operate and the relevant harbor conditions.

Once an agreement is reached, the equity participation of each party is determined. This is followed by a joint-order to the shipyard by the JRTT and shipping company. The latter selects the shipbuilder, whose technical expertise and capacity must past the evaluation of JRTT.

As a partner or joint-owner, the JRTT takes interest in monitoring all stages of ship construction at the shipyard, and attends shop tests, sea trials, and final inspection.

Upon completion, the vessel ownership is determined on the basis of actual contribution to the cost by each party. A contract for the ship's use is then executed. The ship is

managed and operated by the merchant shipping company, who shoulders the ship's operating costs and retains all profits earned through the ship's operation.

The merchant shipping company is obligated to repay JRTT a fixed amount during the duration of joint ownership, which is the ship's service life, plus the residual book value (10%). During this period, the merchant shipping company received technical support, including periodic inspections and assessment when the ship figures in an accident.

### 4D.1.4 Advantages

- (i) Easy access to construction financing: Ship construction is capital intensive. By way of equity participation, JRTT becomes part-owner. The incentive to ship owners, aside from a lower financial exposure, is to acquire new ships and replace aging vessels.
- (ii) Available technical support: JRTT technical specialists are experienced and competent from years of actual shipbuilding. Technical support is available from design to specification, from shipbuilding supervision and throughout the joint-ownership period.

#### 4D.1.5 Repayment to JRTT

During the period of joint ownership, the merchant shipping company pays a charter fee to JRTT calculated as the sum of:

- (i) Proportion financed by the JRTT X 9/10 X 1/(Joint-ownership period-Deferred period)
- (ii) Residual book value x interest (to be defined in the joint-ownership contract)

Effectively, the shipping company gets an interest-free loan on the proportion financed, except for the residual value. At the end of the joint-ownership period, the shipping company pays JRTT a residual book value of 10% of the amount initially financed. The joint-ownership period and proportion to be financed by the JRTT are defined in the following table:

Category		Proportion	Joint-ownership Period			
		Financed %	Ship Type	2,000 Gross Tons or More	Less than 2,000 Gross Tons	
Passenger Ship	Inter-island ship Medium-/long- range ferry	80	Car ferry15 years11 yearGeneral passenger ship1514Light alloy shipFRP ship15		11 years 14	
	Others	70	9 years 7 years			
	General cargo ship	80	General cargo ship	15	14	
0	ON tanker	60-80	Oil tanker	13	11	
Cargo	Car carrier	70-80	Car carrier	15	14	
Onip	Cement carrier	60-70	Cement carrier	15	14	
	Special tanker	60-70	Special tanker	13	11	

 Table 4D.1.5.1 Joint-ownership Period and Proportion Financed by JRTT

#### 4D.1.6 Experience

In the 37 years since its establishment in 1959, the program has enabled nearly 3,000 projects (see Table 4D.1.6.1).

Type of Vessel	Number	Gross Tonnage
Passenger Ships	857	664,000
Cargo Ships	2,399	2,277,000

## Table 4D.1.6.1 Joint-ownership Projects, 1959-1996

### 4D.1.7 A possible arrangement for Vietnam

If a similar model is adapted in Vietnam, then a state financial enterprise can be organized into a maritime investment entity for shipping and related industries. Or it can be organized as credit facility, with initial funding from foreign cooperation funds for relending to eligible borrowers at a reasonable interest rate.

In addition, the shipping company can be granted tax breaks or incentives. The preferential treatment can be applied until such time as ship owners become viable.

A key feature of the Japanese model is joint ownership of the vessel. The registered owner is distinct from the shipping company that operates the vessel.

## 4D.2 Ship Financing Program: Case of Malaysia

#### 4D.2.1 The Shipping Fund

The Shipping Fund was established by the government to support the fleet expansion of local shipping companies. The two main components of this fund are: the Ship Finance Facility (SFF) and the Shipping Venture Facility (SVF).

Initially, when this fund was established, government, through Bank Negara, provided a sum of RM 800 million. Bank Negara then chose Bank Industri as the conduit bank. Of the government allocation, RM 300 million was set aside for the acquisition of new and second-hand vessels under the SFF program. The balance of RM 500 million was intended for the SVF program. Under the SVF program, RM 300 million was used to set up a shipping company named Global Maritime Venture Berhad (GMVB).

Government increased the fund to RM 1.1 billion in 1994. From this amount, RM 600 million was set aside for the SFF program. Its coverage was extended to include the construction of facilities to build and repair ships. The remaining RM 500 million was allocated to the SVF program.

#### 4D.2.2 The Conduit

Bank Industri is the first bank in Malaysia to focus on the shipping industry that up now, their main portfolio is still the financing of ships, shipyards and marine-related activities. Those seeking bank loans for shipbuilding are required to procure the vessel from the local shipyards. Importation is permitted only if a domestic shipyard is incapable of building the required vessel.

Bank Industri contributed RM 200 million. Other financial institutions were asked to chip in another RM 300 million. Bank Industri, as the managing entity of the SFF program, evaluates applications and disburses the fund.

## 4D.2.3 The SFF Experience

As of March 1997, domestic shipping got RM 165 million, international shipping received RM 235 million, and shipyard, RM 117.2 million.

### 4D2.4 Other incentives

In addition to the credit facility, there are also a number of incentives provided to the Malaysian shipping industry. For one, income is tax-free and import duty exemptions are also provided on a cascading scale. Thus, a 30% import duty is imposed on vessels less than 26 GRT, 10% duty on vessels between 26 GRT to 4,000 GRT, and zero % for vessels above 4,000 GRT.

Accelerated vessel depreciation is also permitted, with a first year capital allowance of 20% and a further special allowance of 6-10%. The Malaysian government also provides income tax exemptions to the ship's crew.

## 4D.3 Ship Financing Program: Case of Philippines

#### 4D.3.1 The Program

A Domestic Shipping Modernization Program (DSMP) was set up by the Philippine government with the Development Bank of the Philippines (DBP) as executing agency and JBIC as funding agency. It aims to provide financial assistance to enterprises engaged in domestic shipping and shipping-related industries. It is basically a re-lending program. The original source is JBIC – JY15 billion for phase I under the 19th Yen Loan Package and JY20 billion for phase II under the 22nd Yen Loan Package.

The DSMP I focused on bringing in appropriate shipping technology to address the urgent need of upgrading an aging domestic fleet. This was followed by DSMP II which focused on providing more cost-effective maritime transport systems to enhance the competitiveness of Philippine products in national and international markets. The subsidiary purpose of DSMP II is to contribute to a sustainable socio-economic development, particularly in the countryside, through increasing the area's productivity, improving the people's standard of living and supporting the government's food sufficiency program.

Figure 4D3.1.1 illustrates how the re-lending facility works for the maritime sector in the Philippines.

#### n (TTA Y16 ate 3.00 % % Guarantee Fee % FX Reserve Cover Fee (DSMP I) 6 % FX Reserve Bank s (DBP WHOLESALE LENDING RETAIL LEASE-PURCHASE END USER INTEREST RATE TO END USER Phase I WAIR – 2 % but not less than 12 % mestic Shipping and Repa Port Faci WAIR – 2 % but not less than 12 % Variable (for OIP) Projects in Rura Develop Phase I 14 % for Developmental Projects 16 % for Other Projects or Rehabilitation of Education and Training

### Figure 4D.3.1.1 The DSMP Operating Concept

## 4D.3.2 The Experience with DSMP

By the end of 1998, DBP has approved funding for 103 vessels, one container handling equipment, one shipyard and three port terminal facilities. The vessels, 9.3 years old on average, partly lowered the overall age of the fleet. The financed vessels consisted of the following types:

(i)	28 Passenger ferries / high-speed craft	P 502.8 M
(ii)	17 Passenger cargo vessels	P 830.2 M
(iii)	22Tankers/LPG/tankerbarges	P 793.3 M
(iv)	17 Lighters /self-propelled barges	P 231.0 M
(v)	17 General cargo vessels	P 339.7 M
(vi)	2Fishcarriers	P 90.0 M

#### 4D.3.3 Other Incentives

A law, Republic Act No. 7471 (or the Philippine Overseas Shipping Development Act) provides for tax-free importation of vessels and spare parts for the repair/overhaul of vessels engaged in overseas traffic. It also provided for income tax exemption on income derived from Philippine overseas shipping for a period of 10 years from the date of approval of the law (05 May 1992 to 05 May 2002). The exemption is applicable only if 90% of a company's net income is reinvested on the construction, purchase or acquisition, and/or the modernization or improvement of vessels and related equipment. A further condition is that said investment is not withdrawn for a period of 10 years after the period of income tax exemption expires.

Since 1987, the shipping industry has been exempted from import duties and VAT through its inclusion in the annual Investment Priorities Plan of the government. Under the 1998 IPP, the inter-island shipping industry was included again (with modernization program) and as a priority investment area, covering purely cargo or passenger and passenger-cargo vessel operations. For accredited shipping companies, this means the imposition of a 3% import duty instead of the regular 20% on imported capital equipment and its accompanying spare parts.

Accredited/registered firms are also exempt from paying income taxes from 3-6 years, depending on the status of the project. But both international and domestic shipping companies have to pay 10% VAT on their gross receipts.

The Tax Reform Act of 1997, income of crewmembers of a vessel engaged exclusively in international trade are exempt from paying individual income tax.

**APPENDIX 6E** 

Profile of the Port & Shipping Master Plan Projects

# **APPENDIX 6E**

# **Profile of the Port & Shipping Master Plan Projects**

## A. Port & Shipping Ongoing/Committed Project Profile



Project name:	Sector:	
Hon Gai Seaport (Cai Lan) Terminal Development (Committed Stage)	CP02	
Project Background and Objective:		
Cai Lan Terminal in Hon Gai Seaport is located in Cai Lan Bay. Bai Chay w	vard.	
Existing terminal (by 2007) in Cai Lan Terminal consists of two parts, i.e. Be	erth 1including auxiliary berth and Berth 5,6,7.	
Bert 1 is 166m in length and 9m in depth accommodating vessels up to 25,	000DWT for Bulk cargo. Auxiliary berth (upstream of berth 1) is	
80m in length and 5m in depth accommodating vessels up to 5,000DW1 to	or Bulk cargo.	
Project Description:		
Deen-water terminal in Cai I an Terminal in Hon Gai Seanort is planned to I	he expanded to handle container/general cargo to/from NEEZ	
(i) 3 berths (Berth 2.3.4), 620m in length		
(ii) Maximum vessel size : 50,000DWT		
410		
, <u>, , , , , , , , , , , , , , , , , , </u>		
Ben chd		
vũng quay		
eoom trd tàu		
Bến tạmBến 1Bến 2Bến 3Bến 4	680m	
	Đường sắt tương lai	
	PORTCOAST construction of the second	
	HIGH POOL HIGH (GRITCHER CONLINE) CONTAINING	
Estimated Cost:	Original Schedule:	
US\$ 120 million	2008–2011	
Financial Source:	Implementation Agency:	
Cai Lan Port Joint Stock Company (VINALINES Group)	Cai Lan International Container Terminal Company	
SSA Holding International Vietnam		



Project Name:	Sector:		
Nghi Son Seaport Channel & Terminal Development	CP04		
Project Background and Objective:			
Nghi Son Seaport is located in the South of Bien Son Island, Nghi S	on commune, Tinh Gia district.		
Project Description:			
(i) Navigation Channel Upgrading			
Upgrading of navigation channel of Nghi Son Seaport is commit	ted to accommodate vessels up to 30,000DWT.		
<ul> <li>Turning basin: Dredging further within D=300m from elevation</li> <li>Channel: Improve Rd = 120m; Hd = 11.0m</li> </ul>	1-8.5 to -11.0m		
(ii) Nghi Son Oil Refinery Terminal			
Development of port facility is going on to handle crude oil/petro	leum product for oil refinery at Nghi Son Economic Zone.		
(iii) Nghi Son Coal Fired Thermal Power Station Terminal			
Development of port facility is going on for coal thermal power s	tation at Nghi Son Economic Zone.		
(iv) Nghi Son Cement Terminal Development of port facility for coment plant at Nghi Son Econo	mia Zana is under construction		
Development of port facility for cement plant at right Son Econo			
	1777 Cal		
	(a)	/	
ĐẢO BIỆN SƠN		2	
	and the second second		
PAU CANG TONG HO			
	(Vole david) D-400	5	
	Giates		
Townson and the second second			
KAU PHUT TREN CANG	INU PHALTREN CANS		
POINT COAST of the Truth of makes no Via market and the Coast of the C			
Estimated Cost:	Original Schedule:		
US\$ 24 million	N/A		
Financial Source:	Implementation Agency:		
GOV	VINAMARINE		
Petrovietnam	Petrovietnam		
JICA (ODA Loan)	Vietnam Electricity		
Cong I hanh Cement	N/A		
mann Hoa Cement			



Project Name:	Sector:	
Vung Ang Seaport Terminal Development (Committed Stage)	CP06	
Project Packaround and Objective:		

Project Background and Objective:

Vung Ang is located Along coast of the East Sea, South of Gulf of Tonkin, in Ky Loi Commune, Ky Anh District, Ha Tinh Province. Project Description:

Several projects of developing terminals for steel plants are going on including Formosa steel complex, VSC-TaTa steel plant and thach Khe steel plant.









Project Name:	Sector:		
Ba Ngoi Seaport (Cam Ranh) Terminal Development (Stage 1A)	) CP10		
Project Background and Objective:			
Cam Ranh Terminal in Ba Ngoi Seaport is located In Cam Ranh Bay, Cam Ranh Commune, Khanh Hoa Province Existing terminal has two berths. Berth No.1 is 182 meters in length 11 meters in designed depth accommodating vessels up to 30,000 DWT. Berth No.2 is 126.5 meters in length 6 meters in designed depth accommodating vessels up to 5,000 DWT. The function of Nha Trang Terminal in Nha Trang Seaport is planned to be changed to passenger terminal and the cargo handling function is planned to be transferred to Cam Baph Terminal			
Project Description:			
Cam Ranh terminal is planned to be expanded to handle container/g (i) 2 berths, 350 meters in length	eneral cargo to/from the southern central zone.		
A CONTRACTOR OF A			
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	1 ( )		
	1 1 11		
A A A A A A A A A A A A A A A A A A A			
KHU BEN TONG HOP, CONTAINED			
Estimated Cost:	Original Schedule:		
US\$ 88 million	-2010		
Financial Source:	Implementation Agency:		
VINALINES	VINALINES		

Project Name:		Sector:
Vung Tau Seaport (Cai Mep - Thi Vai) Channel and Termina	al Development (Stage 1)	CP11
Project Background and Objective:		
New container/ multi-purpose terminals are under construction in cargo to/from SFEZ. Navigation channel to Cai Mep–Thi Vai are Mep) and -12m (Cai Mep to Thi Vai).	n Cai Mep – Thi Vai area in Vur ea is also under construction to	ng Tau Seaport in order to handle contain o be deepend to -14m (the entrance to C
Project Description:		
(i) Container Terminal – ODA Terminal	A CON G	0 DW 5
• 2 berths, 600 meters in length	About	
<ul> <li>Maximum vessel size : 80,000DWT</li> </ul>	SO DAU PORT ARCA	
(ii) Container Terminal – SP-PSA Terminal – Stage 1		
• 2 berths, 600 meters in length		
Maximum vessel size : 80,000DWT		PHUMY
(iii) Container Terminal – CMIT Terminal		
• 2 berths, 600 meters in length		
<ul> <li>Maximum vessel size : 80,000DWT</li> </ul>		
(iv) Container Terminal – SSIT Terminal		4
<ul> <li>2 berths, 600 meters in length</li> </ul>	目重。し	
Maximum vessel size : 6,000TEU		
(v) Container Terminal – SITV Terminal		
<ul> <li>3 berths, 730 meters in length</li> </ul>	NORT CALL	
Maximum vessel size : 6,000TEU	CAN GIO	
(VI) Container Terminal – SNP Terminal – Stage 1		30 10
• 1 berth, 300 meters in length	BEN DINH SAO MAI	PORT
Maximum vessel size : 80,000DW I		EVUNG TAU CITY
<ul> <li>Maximum vessel size : 75,000DW1</li> </ul>		
Estimated Cost:	Original Schedule:	
US\$ 1675 million	-2011	
Financial Source:	Implementation Agency:	
GOV	GOV	
JICA(ODA Loan)	VINAMARINE	
Sigon Port (VINALINES Group)	SP-PSA Internation	nal Port Co., Ltd.
PSA VOIETNAM PTE LTC.	Cal Mep Internatio	nal Terminal Co., Ltd.
VIINALIINEO AP Moller – Maersk A/S	Company	na container Services Joint venture
SSA Holdings International Vietnam	Saigon Internation	al Terminal Vietnam Ltd.
Saigon Investment Construction & Commerce Co., Ltd.	Saigon New Port C	Company
Hutchison Ports Mekong Investment S.A.R.L,	Ĭ	· ·
Saigon New Port (under MOD)		

Project Name:	Sector:		
Ho Chi Minh Seaport (Hiep Phuoc) Channel & Terminal Develo	pment (Stage1) CP12		
Project Background and Objective:			
Ho Chi Minh Seaport is a largest seaport nationwide, inclusive of 31 terminals (4 natinal general terminals, 4 locao general terminals, 9 petroleum terminals, 5 cement terminals, 5 terminals for shipbuilding, 4 specialized terminals for other types of cargo). In order to reduce congestion in center of the city, new container terminal is planned to develop in Hiep Phuoc area in Ho Chi Minh Seaport to replace the existing terminal in Nha Rong area of Sai Gon Terminal. The location of the new terminal is at the right bank of Soai Rap River. Stage 1 project of the new terminal is under construction. The upgrading of Soai Rap Channel is approved by VINAMARINE in the decision No. 741/QĐ-CHHVN dated 9/11/2007 to accommodate vessels up to fully loaded 5,000 DWT, and partially loaded vessel 15,000DWT in spring tide to berth areas in Hiep Phuoc area of Ho Chi			
Project Description:			
<ul> <li>(i) Soai Rap Channel Upgrading <ul> <li>Length:59.24km</li> <li>Width:200m</li> <li>Depth: -7.0m.</li> </ul> </li> <li>(ii) Hiep Phuoc Container Terminal <ul> <li>SPCT Terminal – Stage 1</li> </ul> </li> <li>2 berths, 500 meters in length and 14 meters in depth</li> <li>Maximum vessel size : 50,000DWT</li> </ul>	HOC MON HO CH WINH CITY HO CH WINH CIT		
Estimated Cost:	Orioinal Schedule:		
US\$ 204 million	-2009		
Financial Source:	Implementation Agency:		
Tan Thuan Industrial Promotion Company (under Ho Chi	VINAMARINE		
Minh People's Committee) DP World	Saigon Premier Container Terminal Ltd.		

Project Name:	Sector:	
Quan Chan Bo Channel Development	CP13	
Project Background and Objective: The Hau River in Mekong Delta area plays a role of access channel of many seaports including Can To Seaport, My Tho Seaport, and Dong Thap Seaport. Dinh An estuary is at the mouse of the Hau River and the natural depth is -3.0m to 3.5m. This section is annually dredged to maintain the depth of -4.0m to 4.5m (but the maintenance period only last 1 ÷ 2 months) for accommodating vessel 3,000 ÷ 5,000 DWT (in spring tide). At present, the major obstacle for vessel running through the access channel is in Dinh An estuary area. In order to raise the vessel size from/to port, by the end of 2008, a new access channel Quan Chanh Bo will be constructed and put into operation by 2010.		
Project Description: (i) Quan Chan Bo Channel Development • Length : 40km • Depth : -6.5m • Maximum vessel Size : 20,000DWT	Quan Chan Bo Channel Mekong River	
Estimated Cost:	Original Schedule:	
US\$ 198 million	-2010	
Financial Source:	Implementation Agency:	
GOV	VINAMARINE	

# **B. Port & Shipping Proposed Project Profile**

Project Name:	Sector
Hai Phong Seaport (Lach Huven) Development (Stage 1, original schedule: 2	2010_2015) <b>P02</b>
Preiost Dealersund and Objectives	
Project Background and Objective.	
and a commercial focal point to meet import/export demands by large oceangoing of the Northern provinces.	ng) is planned to serve as an international gateway port vessels, and to serve the socio-economic development
The development plan of Hai Phong International Gateway Port is approved in the	Decision No 501/QĐ-13GTVT dated 29 February 2008.
The function of part of Hoang Dieu Terminal is planned to convert for other public	interest.
Project Description:	
(i) Hai Phong International Gateway Port	Terminal
A new container terminal is planned to develop at the	Pioninal in the Pioninal
Huven channel. The port development work consists of the	Tach Huven
following:	Channel
<ul> <li>2 berths, 600 meters in length and 14 meters in the maximum depth.</li> </ul>	
Dredging works of approach channel     (Lach Huyen Channel).     Breakwater	
Breakwater and sand dyke.	
A new liquid bulk terminal is planned to develop at	
Qua Muom Island. Sa	and Dyke
(ii) Conversion of Hoang Dieu Terminal	
planned to convert for other public interest	1. 1. 1.
	and the second s
4/m 4/m	
No.11 No.10	
No.9 No.8	
<i>j i</i> ]	
Estimated Cost:	Assumed Schedule:
US\$ 450 million (2010-2015)	-2020
Financial Source:	Implementation Agency:
N/A	VINAMARINE
	N/A

Project Name:	Sector:		
Cua Lo Seaport Channel & Terminal Development	P05		
Project Background & Objective:			
Cua Lo Seaport is Located on the Southern edge of Cam River, Nghi Tan ward, Vinh City, Nghe An province. Existing navigation channel is 4km in length, 80m in width and 4.4m in depth. There is a committed project to improve this navigation channel up to the depth of -7.5m and construct a sand dyke. This project Is partly presumed as a follow up of it.			
Project Description:			
(i) Navigation Channel Improvement in Cua Lo Seaport			
<ul> <li>Construction of sand dyke for Northern Channel</li> </ul>			
<ul> <li>(ii) Cua Lo Terminal Expansion <ul> <li>Expansion of the terminal in Cua Lo seaport to handle cargo to/from the northern central zone Major components are as follows;</li> <li>Quay Length: 340 m</li> <li>Number of Berth: 2 berths</li> <li>Depth along Quayside: N/A m</li> <li>Maximum Vessel Size: 10,000DWT</li> <li>Major Cargo: Container / General Cargo</li> <li>Cargo Handling Capacity: 2 97 million tons</li> </ul> </li> </ul>			
<ul> <li>Major Cargo: Container / General Cargo</li> <li>Cargo Handling Capacity: 2.97 million tons</li> </ul>			
Estimated Cost:	Assumed Schedule:		
US\$ 26.0 million	-2015		
Financial Source	Implementation Agency:		
N/A	VINAMARINE		
	N/A		

Project Name:		Sector:	
Ho Chi Minh Seaport (Hiep Phuoc - Stage2 + other) Chann Development	el and Terminal	P19	
Project Background & Objective:			
Ho Chi Minh Seaport is a largest seaport nationwide, inclusive of 31 terminals (4 national general terminals, 4 local general terminals, 9 petroleum terminals, 5 cement terminals, 5 terminals for shipbuilding, 4 specialized terminals for other types of cargo). In order to reduce congestion in center of the city, new container terminal is planned to develop in Hiep Phuoc area in Ho Chi Minh Seaport to replace the existing terminal in Nha Rong area of Sai Gon Terminal. The location of the new terminal is at the right bank of Soai Rap River. Following the on-going Stage 1 project, expansion of the terminal is planned as Stage 2 project.			
Project Description:	HOC MON	IL AL	
<ul> <li>(i) Soai Rap Channel Upgrading Soai Rap Channel is planned to be deepen to accommodate large vessels to 25,000 – 30,000 DWT.</li> <li>(ii) Hiep Phuoc Container Terminal – SPCT Terminal – Stage 2</li> <li>Saigon Premier Container Terminal at Hiep Phuoc area in Ho Chi M Seaport is planned to expand as Stage2 project.</li> <li>2berths, 450 meters in length and 14m in depth</li> <li>Maximum vessel size : 50,000DWT</li> </ul>	up inh SPCT Termina -Stage2		
Estimated Cost:	Assumed Sched	ule:	
US\$ 220 million	-2020		
Financial Source	Implementation /	Agency:	
IPC under Ho Chi Minh People's Committee	VINAM	ARINE	
DP World	Saigon	Premier Container Terminal Ltd.	
N/A	N/A		

Project Name:	Sector:		
Expansion of terminal in Can Tho Seaport	P22		
Project Background and Objective:			
Can Tho Seaport consists of 14 terminals with three general terminals and the remaining specialized terminals (mainly petroleum terminals) in operation. Three general terminals are Hoang Dieu Terminal, Cai Cui Terminal and Tra Noc Terminal. Hoang Dieu Terminal is located upstream Can Tho Bridge on the right bank of Hau River, Tra Noc District, Can Tho City. Existing berth (by 2007) is 304m in length accommodating for 10,000DWT full-loaded vessel. Cai Cui Terminal is located downstream Can Tho Bridge on the right bank of Hau River in South Can Tho Industrial Zone, Cai Rang District, Can Tho City. Existing berth (by 2007) is 165m in length and 8m. Tra Noc Terminal is located in upstream Can Tho Bridge on the right bank of Hau River in Tra Noc Industrial Zone, Can Tho City. Existing berth (by 2007) is 80m in length and 6m in depth			
Project Description:			
<ul> <li>(i) Cai Cui Terminal Expansion</li> <li>Cai Cui Terminal is planned to expand to handle general cargo to/from Mekong Delta Area.</li> <li>3 berths, 500 meters in length</li> </ul>			
Maximum vessel size : 20,000DWT			
<ul> <li>(ii) Tra Noc Terminal Expansion</li> <li>Tra Noc Terminal is planned to expand to handle container/general cargo to/from Mekong Delta Area.</li> <li>Maximum vessel size : 10,000DWT</li> </ul>			
Estimated Cost:	Assumed Schedule:		
US\$ 25 million	-2020		
Financial Source:	Implementation Agency:		
N/A	N/A		