



PROJECT: PTT TANK TERMINAL



Name of Project: PTT Tank Terminal

Location: Map Ta Phut Industrial Port

Client: PTT Tank Terminal Co., Ltd.

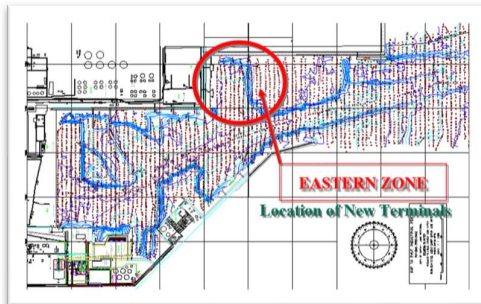
Duration: 2010-2012



This terminal is in Map Ta Phut Industrial Port, Rayong Province, Thailand. Our engineers had participated in the design and construction supervision work of the project. There are 2 berths to service various types of petrol-chemical tankers of 10,000 – 60,000 DWT capacity. Berth No.1 can handle up to 223 m LOA tanker. Berth No.2 can handle up to 102 m LOA tanker. The water depth is suitable for 10.4 – 11.4 m max. draft.



PROJECT: MTT TERMINAL EXPANSION



Name of Project: MTT Terminal Expansion

Location: Map Ta Phut Tank Terminal Co., Ltd.

Client: SCG Chemicals Public Company

Duration: 2006-2007



This terminal is in Map Ta Phut Industrial Port, Rayong Province, Thailand. Our engineers had participated in the design and construction supervision of the expansion work. The expansion parts of the terminal are Jetty No. 3 and No.4. Jetty No.3 can handle up to 220 m LOA tanker with 80,000 DWT size. The allowable draft is 10.10 m. Jetty No.4 can handle up to 115 m LOA tanker with 10,000 DWT size. The allowable draft is 7.7 m.



PROJECT: PMC FOR IRPC DREDGING WORK



Name of Project: PMC for IRPC Dredging Work

Location: IRPC Terminal, Rayong Province

Client: IRPC Public Company Limited

Duration: 2019-2020

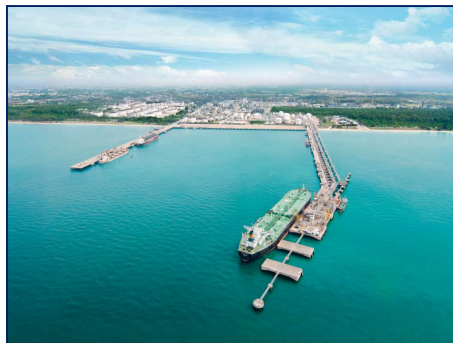
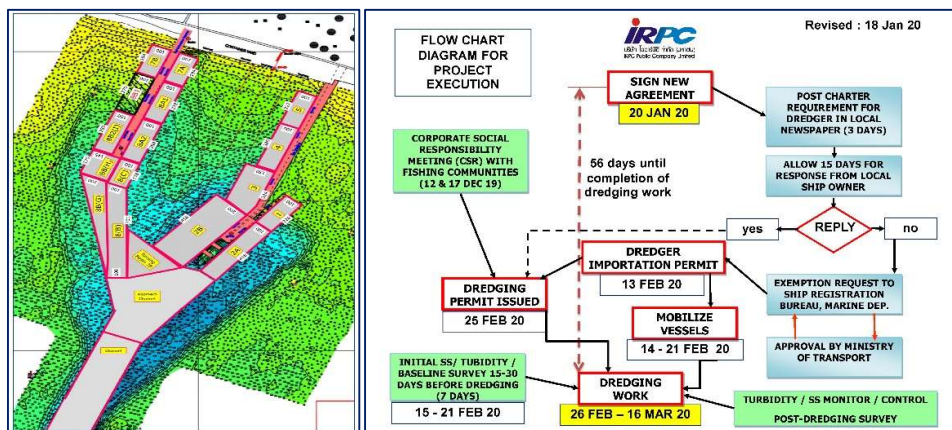
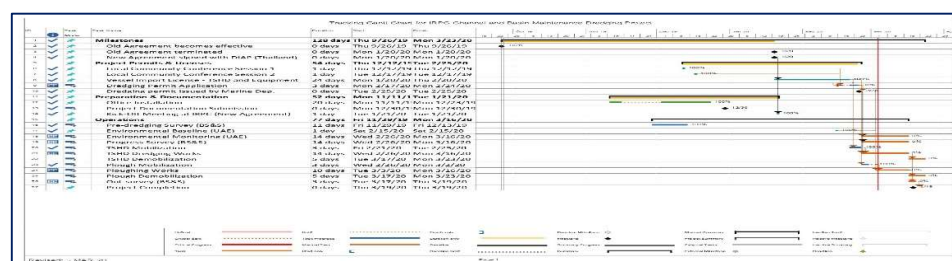
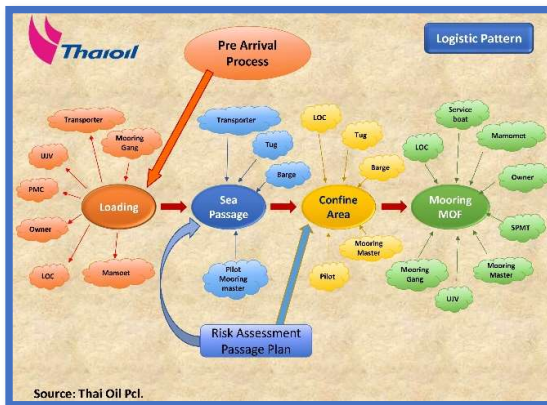


Figure: Nila River Berthed in IRPC Port, Rayong





PROJECT: THAI OIL MARINE LOGISTICS

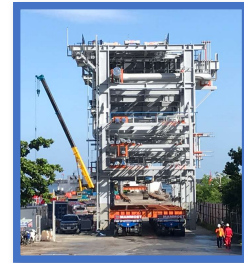


Name of Project: Thai Oil CFP marine logistics

Location: Thai Oil MOF Terminal, Sriracha

Client: Thai Oil / Petrofac / Saipem / Samsung

Duration: 2021-2023



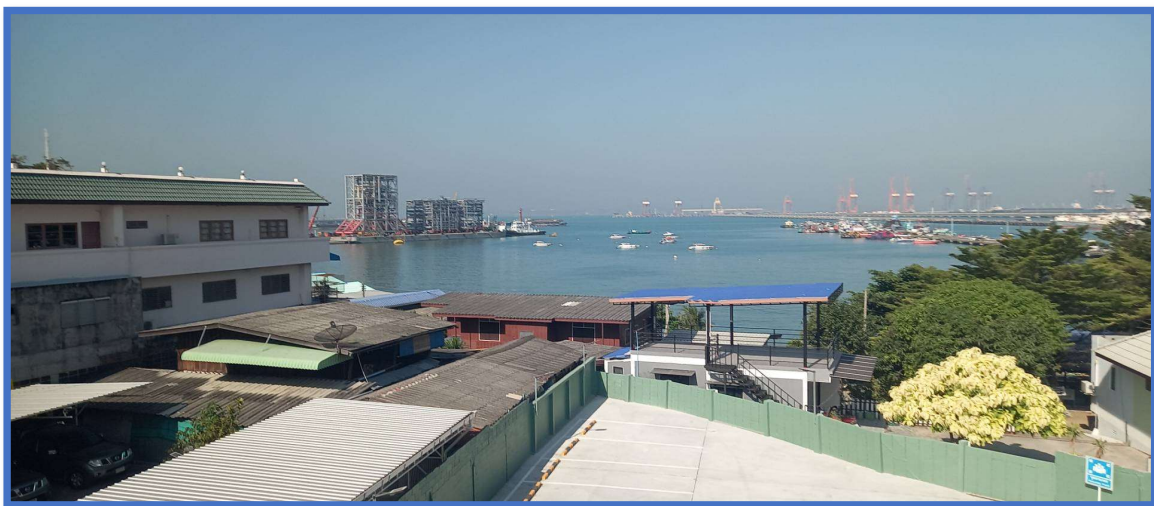
Transport of heavy – large modules from various ports to Marine Offloading Facility (MOF) at Thai Oil Refinery Complex



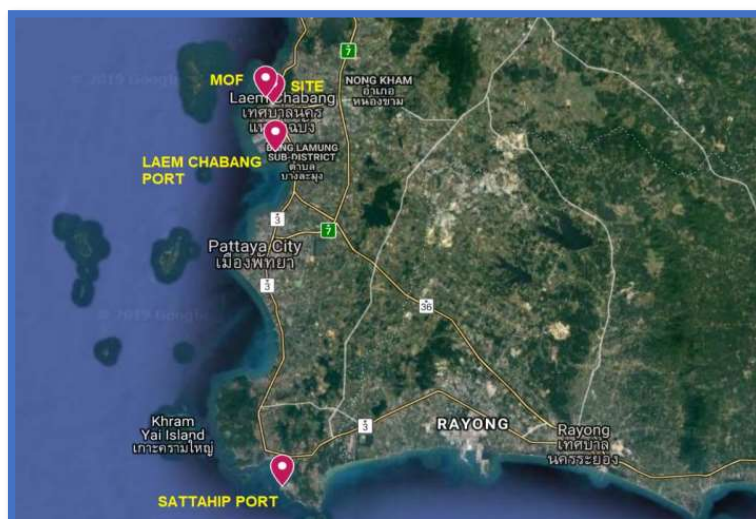
Heavy Module offloading at MOF



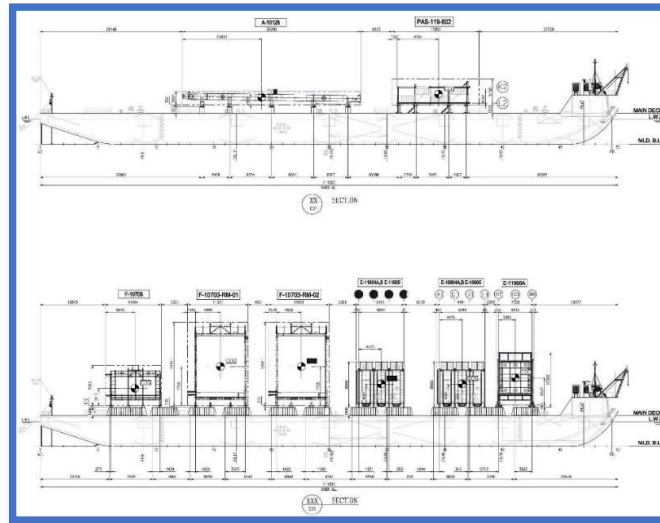
Waterfront area at Thai Oil Refinery Complex



Waterfront area at Ao Udom, Sriracha



Location of ports for loading and unloading of modules



**Loading configuration and passage plan between Sattahip Port,
Laem Chabang Port and MOF**

Our Technical Advisor from Navis Consult L.P. was appointed as the Project Manager for Sriracha Marine Co., Ltd. who provided the marine movement using numbers of tugboats and large flat-top barges to transport heavy cargoes and modules for the new Clean Fuel Refinery carried out by Thai Oil Pcl. There are about 336 units of modules to be transported by sea from Laem Chabang, Kerry Siam Sea Port and Sattahip Port to Marine Offloading Facility. The main tasks are to ensure smooth & safe movement until completion.



PROJECT: THAI OIL MARINE LOGISTICS

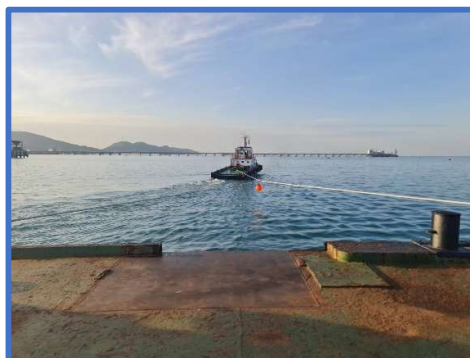


Name of Project: Thai Oil CFP marine logistics

Location: Thai Oil MOF Terminal, Sriracha

Client: Thai Oil / Petrofac / Saipem / Samsung

Duration: 2023



Transport of 4 Loading Arms from Kerry Siam Sea Port to Thai Oil Jetty 7 & 8

9th December 2023

MARINE NEWS NO. 2 – Transportation and Installation of Marine Loading Arms

Four sets of Marine Loading Arms (MLA) were transported on land from a storage yard in Sriracha to Siam Kerry Sea Port (KSSP) for further shipment by a large barge to Thai Oil Jetty for installation. The maximum weight of each MLA is 33 metric ton, and the overall length is about 29 m. To satisfy the project requirement as well as the formal guarantee condition, work method statement, various technical calculations and related tug boats and barges inspection had to be approved by Marine Warrantee Surveyor (MWS). Navis assigned the Chief Naval Architect to participate in the project during Sep – Nov 23. The output included crane barges stability calculations, bollard pull estimate for tug boats, mooring load calculation at various conditions. The task for lifting the MLA's and installation on the Thai Oil Jetty No.7 & No.8 were done as per project requirements

