

Yo Ho YP Topside Deck Lift

Client: ExxonMobil

Main Contractor: Saipem SA

Fabricator: Sime Derby Engineering Sdn. Bhd.



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Fagioli PSC Asia were contracted by Sime Derby Engineering to carry out the deck lift and loadout of the Yo Ho Topside.

The Upper Deck was constructed in the lift location and Fagioli PSC's TowerLift system was assembled and erected onto bases adjacent to the Upper Deck. Cable lift points were then connected to the top of the Upper Deck. The Upper Deck weighing 740 tonnes was lifted to a sufficient height to allow the delivery of the Main Deck, Mezzanine Deck & Trusses beneath.

The Upper Deck was then lowered and connected to the assembly below. The weight from the lifting system was

transferred onto temporary supports and the lifting cables re-set to the connection points on cantilevers on the Main Deck.

The complete assembly of Upper Deck, Main Deck, Mezzanine Deck & Trusses weighing 3,735 tonnes was lifted to allow the delivery and assembly of Cellar Deck & Mezzanine Deck beneath. The Upper Deck, Main Deck, Mezzanine Deck & Trusses were then lowered and connect to the assembly below.

The weight was then transferred from the lifting system onto temporary supports to allow the TowerLift system to be dismantled.