

Extended Lift Operations during Miller Platform Removal

Hoi-Sang Chan, Saipem Ltd.



Miller platform consisting of 28,000 t topsides and 17,000 t eight legged jacket was completely removed and transported from the North Sea to a disposal facility in Stord Norway using solely the semi-submersible heavy lift vessel S7000 in four separate trips in summer 2018. Extended lift operations were performed for dual crane lifts of Drilling and Wellbay module (M5) attached with Flare Tower (M8), Cellar Deck module (M7) and derogated jacket.

The talk will focus on the challenges in the extended lift of the M5/M8 module and the engineering, model tests, preparation and operation to overcome these challenges and lead to success in the Miller platform removal.

Hoi-Sang Chan obtained his PhD degree in Marine Hydrodynamics at the University of Glasgow in 1990. Since then he had worked for different research projects and consultancy including wave loads on SWATH, catamaran and trimaran, large amplitude motions and wave loads of a damaged Ro-Ro ship at the Glasgow University and Newcastle University before joining Noble Denton in London in 1997. He became a lecturer at the Newcastle University in 2001. Since 2012, he has been working for Saipem Ltd in London for various installation and removal projects.