

TYRA TOPSIDE

Owner: MAERSK OLIE OG GAS A/S
Client: ROSETTI MARINO S.P.A.
Country: Denmark
Period: 2018 - 2019
TECON SOW: Detailed Design of Topside



Work description

Tyra East will be restored as the field process centre. Tyra East will gather all production from Tyra East itself and the Tyra satellites as well as gas production from other DUC fields.

The overall goal for the design of the TEH platform is to provide a new fixed platform where people on board are protected from harm, weather, noise and vibration. The accommodation platform will serve as a safe haven for personnel.

The TEH topside will provide the Central facilities for Control, Management, Administration, Emergency response, Accommodation, Catering and Helicopter Traffic for the Tyra Complex including satellites. Furthermore, the TEH platform will provide the utility systems to facilitate the operational requirements of the Tyra East Complex including a self-sustainable period prior to the new TEG platform being operational.

Tecon services

- Design of the primary structures for the all the design conditions occurring during the operational life and the temporary phases, including fatigue assessments for the sea transport, in accordance with ISO standard
- Design of secondary structures
- FE analyses of main complex and of major importance joints