

THE POWER OF PREPARATION



ANOA DECK EXTENSION

Conbit was asked to install 3 desk extensions and 3 modules outside the crane reach, taking Anoa's accommodation capacity from 51 to 67 pax with the brand-new Living Quarters (LQ) and Multi-Purpose Room (MPR).

The Anoa field, located approximately 1,100 km north of Jakarta off the shores of Indonesia, is part of the Natuna Sea Block A. The 28-year-old Anoa platform itself is owned and operated by Premier Oil.



Picture: Premier Oil owned Anoa Platform

PROJECT

- ✓ ENGINEERING
- ✗ PROCUREMENT
- ✓ INSTALLATION

Client

Premier Oil

Project Number

31191

Project Name

Anoa Deck Extension

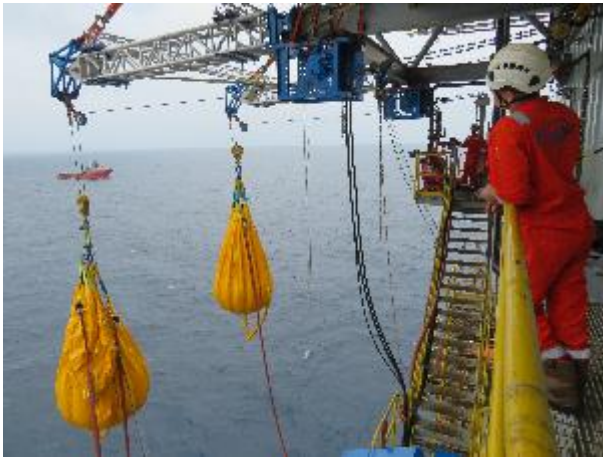


PremierOil



ANOA DECK EXTENSION

01SD131-A



Picture: Load test with water bags



Pictures: Temporary lift system and placement of deck extension



Picture: Below deck rope access

ENGINEERING

Conbit team conducted a site visit in February 2019 to collect all necessary data and develop a detailed technical plan for the installation. Upon closer examination, it is realised that it is needed to modify the current platform extension designs in order to ensure an efficient installation process with minimal offshore exposure. Conbit therefore redesigned the extensions and provided a dimension control plan to further minimise all risks. Moreover, Conbit also designed a double lift boom system capable of lifting the items (max 10mt) directly from a supply vessel designed specifically for the project.

THE OFFSHORE EXECUTION

Conbit crew kicked off the operation using rigging lines to help install modular lift booms under the helideck. Dynamic and static load tests were then conducted with water bags to ensure that the lifting system was robust enough. The deck extension and modules were lifted via a temporary lift system, operated from the platform of a supply vessel located near the designated installation location. Deck extensions were placed with the use of lift lines and hand-on lines, while we used skidding equipment to place two LQ and MPR on the platform. Despite the project increasing in scope throughout its duration, Conbit was able to handle these extra demands without any delays or disruption.

**"CONBIT DESIGNED
TAILORED SOLUTIONS
ON-THE-GO, MEETING ALL
CHALLENGES AND URGENT
DEMANDS WITHOUT ANY
DELAYS OR DISRUPTION."**