



EAP IGE Replacement Project

Mobil Producing Nigeria

Ariosh is currently handling the East Area Platform (EAP) Inlet Gas Exchanger (IGE) Replacement Project which involves the design, fabrication and installation of a new IGE, pass-3 separator, and associated process piping, instrumentation, electrical, control and safety systems, and a 72 ton deck extension on east side of the EAP GX platform.

The EAP facilities are located in the Ubit field, 22 miles offshore QIT. The EAP complex consists of an integrated gas compression platform (GN), an NGL extraction platform (GX), two flare structures (GT and GU), associated flare bridge supports, riser structures (GR and GS) and a living quarter platform (GO). These facilities are all bridge-connected.

The scope of work includes:

- Onshore
 - Deck extension (88.5ft x 30ft), approximately 85 Tons or more, The deck extension receptor beams as approved in the IFC drawings (2nos), Diagonal braces, Cross Over Stairway & Access Platform, E&I stands and supports and Fabrication of lifting beams, Process gas lines (HN & GN lines), Insulation of the IGE equipment /skid piping connections and Insulation of Pass-3 Separator piping connections
- Offshore
 - Pre-shutdown operations, Installation of the deck extension, Installation of new IGE and 3-pass separator on the deck extension, Installation of piping and associated supports, Demolition of existing Platform Lighting and Navigation Lighting circuits to accommodate new deck extension, Installation and Tie-in of IGE and 3-pass separator instruments, Installation of New Line of Sight Gas Detectors, Installation of New UV/IR Flame

Project Type

Engineering, Procurement, Construction and Installation (EPCI)

Location

East Area Platform, Nigeria, West Africa

Total Man-Hours

263,280

Vessels Deployed

- **Main Vessels:**
 - JUB Bull Ray
 - JUB Teras Conquest 1
- **Support Vessels:**
 - PSV Davis Tide
 - PSV Kalaface
 - MV Defender 1 (Security)
 - MV Perez (Crew Boat)

Fabrication Yard

Ariosh Fabrication Yard, Naval Dockyard, Lagos

Project Start Date

July 2017

Completion Status

Ongoing

Quick Safety Statistics

0 Fatalities; 0 LTI