

Meji GGCP Debottlenecking Project

Chevron Nigeria Limited (CNL)

Ariosh was contracted to review the provided drawings with Meji GGCP Debottlenecking project documentation including the existing 3D PDMS integrated model of the facilities and confirmed coverage accuracy prior to the mobilizing to the site for the scan activity.

The Scope of work includes:

3D Laser Scanning / Data Collection

Under this scope, Ariosh performed the following activities

- Laser scanning of the platforms (Meji Riser, Production and Gas Gathering and Compressions Platforms)
- Process and Deliver point cloud dataset in “ptx” and “lfd” formats to CNL

As-Built 3D PDMS Modeling

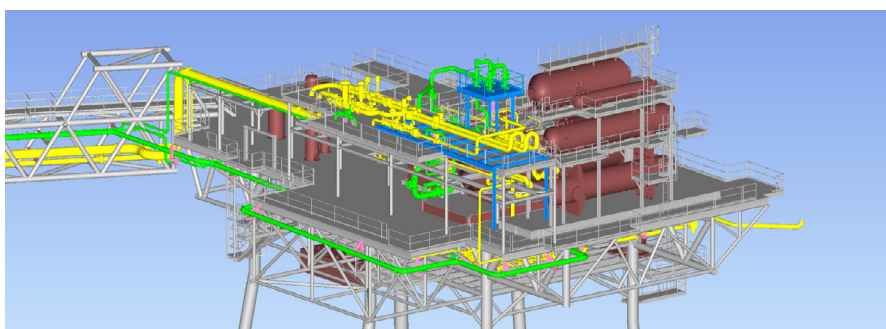
Afterward, Ariosh used the 3D point cloud data to develop accurate and intelligent PDMS model.

Design Verification (PipeFit Assurance)

The Client Contracted Ariosh to implement Pipe Fit Assurance (Design Verification) service to eliminate field re-work and potential clashes on the facilities during installation

Fabrication Assurance (Dimension Control)

Also Ariosh Truebuilt Engineers carried out laser scanning of As-Fabricated spools in the Fabrication yard and used the laser models of the spools to verify Spool Checks and Line Checks



Services

Engineering, As-Built Documentation

Location

Nigeria West Africa

Facilities

Meji Riser Platform, Meji Production Platform, Meji Gas Gathering & Compression Platform.

Safety Record

Zero LTI, Zero MTI

Status

Completed Q4 2018