



- **Client**  
Total E&P Congo
- **Location**  
Congo – Moho Nord Field
- **Duration**  
2017 – 2018
- **Resources**
  - Engineering Department
  - Software (DEEPLINES, ISYMOST NSO, SolidWorks)
- **Services**  
Project Management & Engineering:
  - Jumper fabrication drawings
  - Lifting and seafastening analyses
  - Rigging/seafastening drawings
  - Stability analysis at depth
  - Installation procedures
  - As built reports

# Moho Jumpers

## Installation Engineering

### Project description

Total Exploration & Production Congo (TEPC) contracted Bourbon Subsea Services to perform the design and engineering for the installation of ten (10) production and injection well jumpers, from their fabrication in yard to the landing at seabed.

### Challenges

Jumper fabrication is a critical phase during offshore operations: the design can only be done once metrology is complete. From reception of the metrology report, less than 2 weeks (for each jumper) was allowed to perform calculations/analyses and to deliver the corresponding reports and drawings.

### Our solution

Bourbon Gaia Supply provided a packaged solution with project management and engineering inclusive of the generic fabrication drawings, lifting analysis from air to seabed, seafastening analysis and installation procedures.

Project Engineer was mobilised to support preparatory works for all jumpers, including lift test and load out. First batch of 10 jumpers have been successfully installed.

