



Lifecycle Services for the Oil & Gas Industry

Asset

FPSO Peregrino, 2008
VLCC Conversion

Owner

Maersk

Location

Passage to Africa and offshore Brazil

Duration

Commissioning – 2 months
En Route – 2 months
On-site – 2 months

K2's team

Project Management
Drops Inspectors
Electricians
Rope Access Qualified Riggers

FPSO Commissioning And Hook-Up: Singapore and Brazil

The Maersk FPSO Peregrino completed its construction and pre-commissioning phases in Keppel Shipyard, Singapore. K2 provided a range of pre hook-up services in and around the Submerged Turret Production (STP) system in readiness for the vessel's departure. As a result of the K2 team's performance, the workscope rapidly expanded into a range of services during the passage to South Africa and the hook-up operation in Brazilian waters.

Project Scope

To carry out integrated pre-commissioning support, including rigging for all five STP risers and four umbilical pulls. To complete a DROPS survey, then attached sea fastenings, effect pipe changeouts, hook-up bolt tensioning and lifting Gear Inspection (LGI).

Challenges

- Short mobilization time required strong cooperation with the Operations department.
- Expanding workscope with a variety of skill sets mandated a multidiscipline team.
- Tight time constraints due to fixed vessel departure dates.
- High risk environment.
- Import difficulties due to different equipment certifying authorities in Brazil.
- Working within a Brazilian environment, with associated linguistic and cultural difficulties.

K2 Approach

Having a local presence in Brazil enabled us to source locally certified equipment. We ensured both day and night shift crews were mixed team of Brazilians and expats. In planning phase we introduced a separation of project and safety management, with a dedicated Project Site Safety Supervisor on-site at all times to mitigate the inherent risks.

K2 Comments

"We are delighted with team's performance on the Peregrino. Given our high level of professional performance and strong safety culture, we have now seen another major client engage our services for a similar project." Barri Marshall, K2 IRM Manager

Client Feedback

"Throughout the complete mobilization, your team have shown extreme professionalism and a high safety culture that has been acknowledged from the best top management of both Maersk and StatOil. Your teams have been your best salesmen.