

CASE HISTORY

FPSO Atlanta Installation and Hook-Up

Project Description

Yinson are to install FPSO Atlanta in the Atlanta field. Atlanta field is located in Santos Basin (W.D. 1,543m), approximately 185km offshore from Niteroi City, Rio De Janeiro.

The FPSO is asymmetrically spread moored and the field will be developed via a network of flexible flowlines and risers with the FPSO riser turret able to accommodate flexible risers and umbilicals.

Yinson's scope consists of the following:

- Provision of FPSO and mooring system;
- Moorings pre-lay;
- FPSO transit from shipyard to field (wet tow);
- Hook up of pre-laid moorings to FPSO;
- Pull in of riser system to FPSO.

Our Scope

- Shorebase Marshalling Planning;
- Moorings installation vessel Mobilisation Planning;
- FPSO Station Keeping Analysis;
- Hook Up Methodology Development;
- Mooring Line Hook Up Analysis;
- Mooring Hook Up Procedures;
- Riser Pull In Analysis;
- Flexible Riser Pull In Procedures;
- Umbilical Riser Pull In Procedures;
- FPSO Site Visit (shipyard);
- Offshore Engineering Support.

Deliverables

- Shorebase Marshalling Procedure;
- Moorings Installation Vessel Mobilisation Procedure;
- Station Keeping Assessment;
- Mooring Hook Up Analysis Report;
- Riser Pull In Analysis Report;
- Site Visit Terms of Reference and Report;
- Mooring Hook Up Procedures;
- Riser Pull In Procedures.



Key Facts

Client:	Yinson
Location:	Brazil
Water Depth:	1500m
Date:	Q3 2023 - Q1 2024
Project Reference:	P0817

Services Provided

Package Management

- Business Assurance
- Carbon Management
- Energy Transition

Engineering Design and Analysis

- Marshalling, Transport, Installation and Field Support
- Floating systems, Towing, Mooring and Hook-Up
- Visualisation and Digitalisation

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