

Client / Operator : Saipem S.p.A. / ERS BV
 Project name : Field Development Ship SAIPEM FDS
 Construction yard : N/A
 Country : The Netherlands
 Period : June 2009
 Category : Engineering and consultancy



PROJECT DESCRIPTION

Equipment Rental Service BV, a subsidiary company of Saipem S.p.A., requested engineering services from The Offshore Partners, with the objective to investigate the feasibility of increasing the existing A&R system onboard the SAIPEM FDS.

The investigation included the set up of a new A&R arrangement, as well as the structural integrity of the hull and new winch system foundations. In addition, the structural investigation, several installation scenarios were examined.



TECHNICAL DATA

Principal Particulars

| | | |
|-----------------------|----------|-------|
| Length over all | : 163.50 | m |
| Breadth over all | : 30.00 | m |
| Depth moulded | : 12.40 | m |
| Operating draft | : 7.40 | m |
| Total installed power | : 25000 | kW |
| DP system | : DP3 | - |
| Max. pipe diameter | : OD 22 | inch |
| Tension cap. dyn. | : 3 x 90 | t |
| Tension cap. stat. | : 750 | t |
| A&R system | : 440 | t |
| Main crane | : 600 | t |
| Accommodation | : 235 | pers. |



OUR SERVICES

The Offshore Partners provided the following services:

- Designing calculation model of additional forces in existing hull structure
- Determination of maximum load absorption of hull and foundations
- Verification of hull structure integrity
- Investigation of technical consequences based on client different preferences
- Investigation possible installation scenarios

