IE-PV 25 - FPSO

Client: Irvine Engineering
Projects: Various Proposals
Scope: Conceptual Vessel Design
Date: 2004
Manhours: 600
Location: North Sea Capable

Project Description
The vessel is a ship shaped FPSO designed to meet the needs of small or marginal fields. Capable of handling up to 8 risers with options for station keeping by turret based moorings or dynamic positioning with Azimuth / tunnel thrusters.

Irvine Scope
Develop a conceptual design for the Hasdrabal field. The design was proposed as a small FPSO monohull suitable for recovery on small field developments. The design has since been proposed for several other developments as an early production system and as a tail end production vessel.

Principal Particulars

Design Status: Concept
Application: Benign to severe environments
Length: 130.1 m
Breadth: 30 m
Depth: 12 m
Storage: 25000 m³
Construction: Double hull steel structure
Topsides: ‘Plug and Play’ or field specific topsides concept.
Maximum topsides weight approximately 6000 te
Alternative Use: EWT / EPS or base for well services
Docs. Available:
- General arrangement drawings
- Midship section drawing
- Technical specification