

IE-PV 110 - FPSO

Client: Irvine Engineering

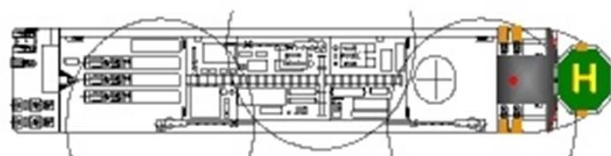
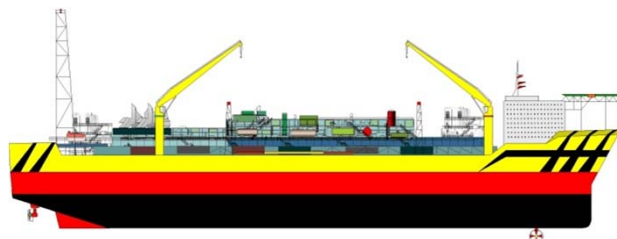
Project: Various Proposals

Scope: Conceptual Vessel Design

Date: 2010

Manhours: 850

Location: North Sea



Project Description

The vessel is a ship shaped FPSO designed to meet the needs of moderate to extreme environments. It is also suitable for large deepwater fields. Capable of handling up to 24 risers with station keeping through a turret mooring system with heading control thrusters.

Irvine Scope

Develop a conceptual design suitable for the West of Shetlands. The design's main feature is the ability to operate within an extreme environment over a large field development requiring a large number of production risers.

Principal Particulars

Design Status :	Concept
Application :	Moderate to extreme environments
Length :	228.8 m
Breadth :	39.2 m
Depth :	25.4m
Storage :	111000 m ³
Construction :	Double hull steel structure, optionally ice strengthened
Topsides :	Maximum topsides weight approximately 11000 te
Alternative Use:	FSU
Docs. Available:	Concept design report General arrangement drawings Turret layout Structural arrangement drawings Marine systems layout Technical specification Equipment list

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