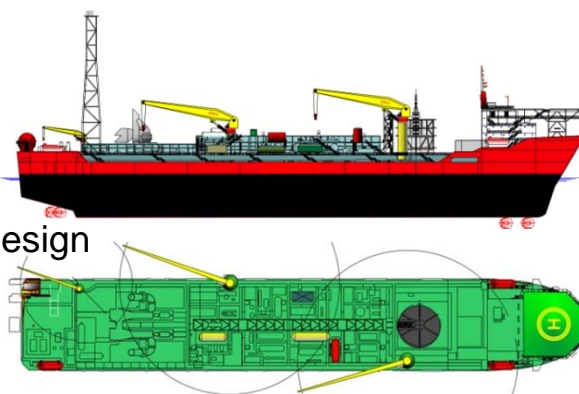


IE-PV 150 - FPSO

Client:	Irvine Engineering
Projects:	Various Proposals
Scope:	Completed Vessel Design
Dates:	2014
Manhours:	35,000
Locations:	North Sea or Sheet Ice Environment



Project Description

This ship shaped ice class FPSO has been designed to meet the needs of fields in harsh environments. It has been proposed for several projects. Capable of handling typically up to 24 risers with station keeping through a turret mooring system with heading control thrusters. The vessel can be supplied with a disconnectable turret.

Irvine Scope

Produce a front end design to "approval in principle" standard, including all marine systems. Support shipyard with the fabrication and marine equipment installations and continue support for the topside installation (process equipment).

Principal Particulars

Design Status :	Detail design, analysis and model tests completed
Application :	Severe to extreme environments
Length :	264.6 m
Breadth :	44.5 m
Depth :	23.0 m
Storage :	150000 m ³
Construction :	Double hull steel structure, optionally ice strengthened
Topsides :	Maximum topsides weight approximately 14500 te
Alternative Use:	-
Docs. Available:	General arrangement drawings and detailed layouts Structural design Systems P&ID's Lines plan and tank plan Stability booklet Technical specification Equipment list

Irvine Engineering Pte Ltd

39, Pandan Road, Singapore. 609281

Tel.: +65 91093201 or +65 68539106

e.mail: enquiries@irvineeng.com

Website: www.irvineeng.com

