

IE-SV 100

Client: Irvine Engineering

Project: Various Proposals

Scope: Conceptual Vessel Design

Date: 2010

Manhours: 1,000

Location: South China Sea Area Environment



Project Description

The vessel is a ship shaped FPSO designed to meet the needs of short field life's or marginal fields. Capable of handling up to 8 risers with station keeping through DP utilising Voith Schneider propellers or conventional thrusters.

Irvine Scope

Develop a very low cost small FPSO design solution to meet the needs of economic multiple small or puddle reservoir recovery. The design features are a much lower cost DP system together with a self installable riser allowing the vessel to be independent from installation vessel support. Originally proposed as part of the Malampaya field development.

Principal Particulars

Design Status :	Concept
Application :	Benign to moderate environments
Length :	130.0 m
Breadth :	41.76 m
Depth :	18.0 m
Storage :	48000 m ³
Construction :	Double hull steel structure
Topsides :	'Plug and Play process' topsides concept (35000m ³ /d)
Alternative Use:	EWT / EPS or base for well services
Docs. Available:	General arrangement drawings Tank plans Turret design Technical specification

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