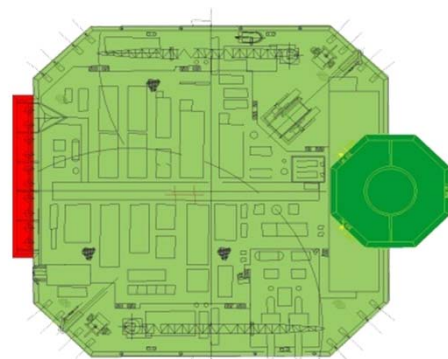


IE-BOX 80 FPSO

Client:	Irvine Engineering
Project:	Various Proposals
Scope:	Advanced Concept
Date:	2008
Manhours:	4,600
Location:	North Sea



Project Description

The unit is a low cost square barge shaped FPSO designed to meet the needs of marginal to large fields. Capable of handling typically up to 18 risers. A simple spread mooring system is used for station keeping. In shallower waters can be used with a bridge link to a minimum facility wellhead platform.

Irvine Scope

Develop a minimal cost FPSO with out the need for a turret/swivel which is it's main design benefit. The design was originally proposed for the Durward/Dauntless proposal. The design has comparative motions to conventional FPSO's making it a lower cost alternative.

Principal Particulars

Design Status :	Design, analysis and model tests completed. Lloyds approval in principle
Application :	Moderate to severe environments
Length :	69.0 m
Breadth :	69.0 m
Depth :	35.58 m
Storage :	80000 m ³
Construction :	Stiffened steel flat plate sections. Double side shell structure
Topsides :	'Plug and Play' Process or field specific concept. Maximum topsides weight approximately 10000 te
Alternative Use:	FSU
Docs. Available:	General arrangement drawings Tank plans Model test report Safety review report Marine systems schematics Structural arrangements Systems schematic

