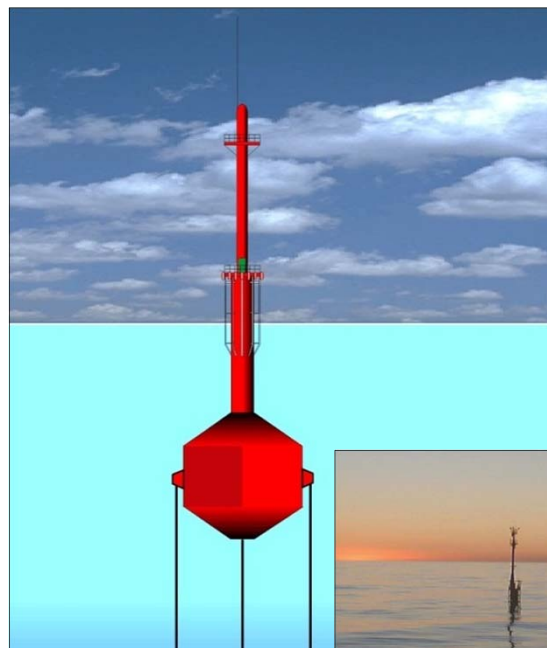


IE- POWER BUOY

Client:	Internal
Project:	Feasibility Study
Scope:	Conceptual Design
Date:	2014
Manhours:	TBA
Location:	Confidential



Project Description

The family of power buoy designs extends the capability of the control buoy concept to include large power generators to support typical requirements such as multiphase pumping. The design is a simple cylindrical design offering excellent motion characteristics.

Irvine Scope

Develop a power buoy capable of operating in harsh environments typically those found in the Northern North Sea. To be utilised for power generation support within a large or remote field development.

Principal Particulars

Design Status :	Concept
Application :	Harsh environments
Topsides :	270 te
Process :	-
Length :	53.0 m
Breadth :	15.0 m
Depth :	5.0 m
Displacement :	1980 te
Storage :	60 te (D.O. from host)
Moorings :	3 x 2 (taught moored)
Accom :	-
Construction :	Steel
Alternative Use:	-
Docs. Available:	Concept report General arrangement drawings Technical specification

