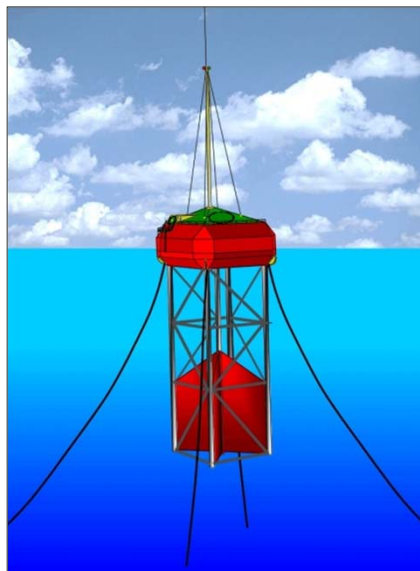


IE- POWER SAIL BUOY

Client:	Internal
Project:	Feasibility Study
Scope:	Conceptual Design
Date:	2009
Manhours:	TBA
Location:	Confidential



Project Description

This new innovative concept buoy is currently being reviewed for its potential capabilities in moderate to harsh environment applications such as mid. North Sea and South Africa. The design has all of the advantages of the Wave Rider buoy but with improved access, less spread moored and improved deepwater capability. Studies have indicated that the concept has excellent motion characteristics with the use of sub-surface sails from which the concept derives its name. Applications will be for either power or control buoy's.

Irvine Scope

Develop an innovative control buoy for benign to moderate environments with CAPEX saving features over existing designs.

Principal Particulars

Design Status :	Pre-Concept
Application :	Benign to moderate environments
Topsides :	TBA
Length :	18.0 m
Breadth :	18.0 m
Displacement :	2000 te
Storage :	TBA
Moorings :	4 - 6 (spread moored)
Construction :	Steel
Docs. Available:	Concept review (in-house) General arrangement drawings Internal study

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