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