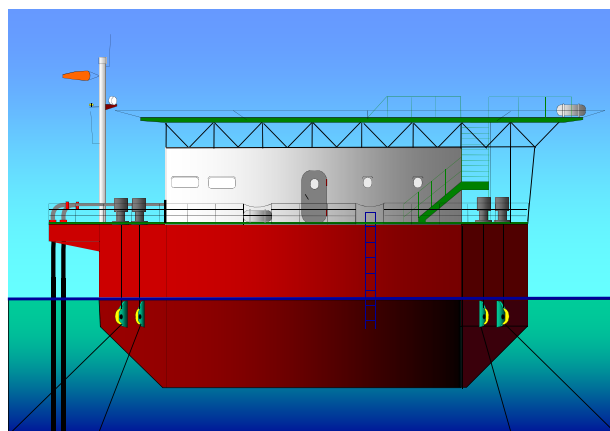


## IE- WAVE RIDER BUOY II

<b>Client:</b>	Internal
<b>Project:</b>	Concept Feasibility
<b>Scope:</b>	Conceptual Design
<b>Date:</b>	2010
<b>Manhours:</b>	On-going Study
<b>Location:</b>	Confidential



### Project Description

From a family of Irvine control buoy designs, this particular concept is designed for benign to moderate environments typically West of Africa or Gulf of Mexico or moderate sea regions. It is a simple cylindrical design offering easy access and maintenance.

### Irvine Scope

Develop a minimal cost buoy capable of operating in benign to moderate environments. To be used for providing subsea valve control, instrument control, chemical injection and telemetry back to a host platform. Can offer accommodation when required. Also has a helideck for easy access

### Principal Particulars

Design Status :	Concept
Application :	Benign to moderate environments
Topsides :	700 te
Process :	-
Length :	18.0 m
Breadth :	18.5 m
Depth :	5.0 m
Displacement :	12,600 te
Storage :	6000 te Chemical injection/Methanol (larger designs to 1000 te)
Moorings :	6 (spread moored)
Accom :	6 – 12 person
Construction :	Steel
Alternative Use:	-
Docs. Available:	Concept report General arrangement drawings Technical specification Model test report

