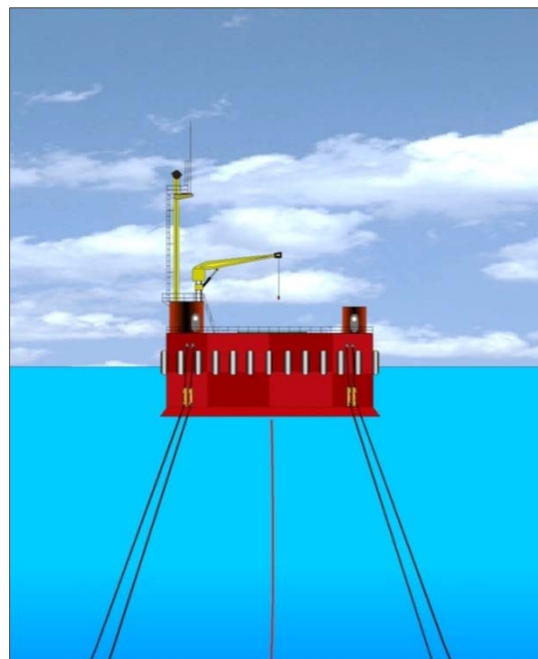


IE- WAVE RIDER BUOY

Client: Internal
Project: Concept Feasibility
Scope: Conceptual Design
Date: 2009
Manhours: On-going Study
Location: Confidential



Project Description

From a family of Irvine control buoy designs, this particular concept is designed for benign environments typically West of Africa or Gulf of Mexico. 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.

Principal Particulars

Design Status :	Concept
Application :	Benign to moderate environments
Topsides :	100 te
Process :	-
Length :	18.0 m
Breadth :	18.5 m
Depth :	5.0 m
Displacement :	820 te
Storage :	60 te Chemical injection/Methanol (larger designs to 1000 te)
Moorings :	6 (spread moored)
Accom :	-
Construction :	Steel
Alternative Use:	-
Docs. Available:	Concept report General arrangement drawings Technical specification Model test report



June 2015

Irvine Engineering Pte Ltd

39, Pandan Road, Singapore. 609281

Tel.: +65 91093201 or +65 68539106

e.mail: enquiries@irvineeng.com

Website: www.irvineeng.com

