the future is now - be there with us™

Infra-Red & Radio Remote Control Crane Systems

COMMANDER™

Horizontal & Vertical Collision Avoidance Crane Systems

TechPoint™

Case Study

CE

British Designed & British Made

IRCDS-HSD™ Detection System

Location Deep Ocean (Northern Hemisphere)

Industry Oil & Gas Exploration/Drilling

Application Hibernia Exploration/Production Rig is owned by a consortium. The rig was launched and positioned in June with production commencing in November 1997, it stands 224M high. The rig has a crew of 185.

Project Replace the existing **COMMANDER™** system in service for some 10 years with new under a maintenance policy. The replacement system was virtually the same as the original supply.

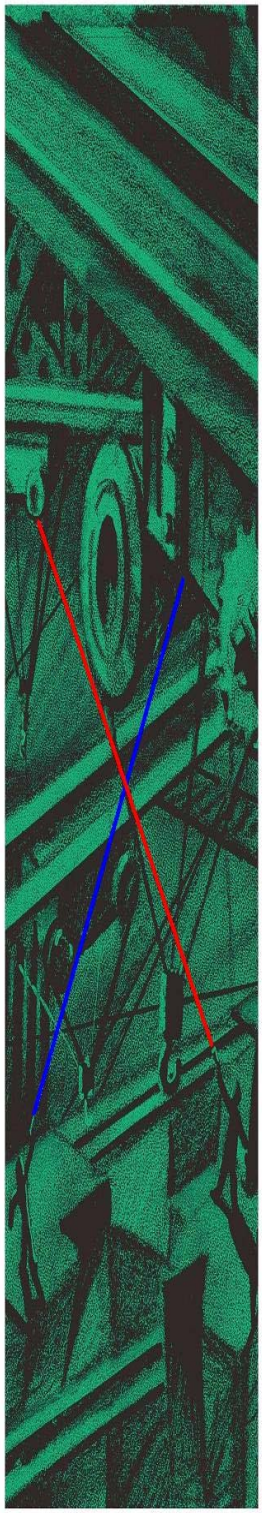
The rig has on the drilling level a number of goliath cranes which have to be prevented from travel collision and obvious risk of the cranes toppling off the rig structure as well as applying a high operational safety level. In addition, the cranes had to be prevented from travel at certain times whilst drill pipes are being moved across the longitudinal path of the cranes.

The **IRCDS-HSD™** serves both purposes for longitudinal protection for the cranes and as a beam break configured using standard components of the **IRCDS-HSD™ DUPLEX-400™** Communication Transceivers to form a Beam Break protection system.

Pictures

Nearing Completion

In Operation



Specialist Designers & Manufacturers of Industrial Infra-Red & PLL Synthesiser Radio Remote Control; Infra-Red, Ultrasonic & Microwave Collision Avoidance Systems for Horizontal & Vertical (multi-level) applications; Simplex & Duplex Data Communicators; High Integrity Control Gear for High Integrity Material Handling Applications; Designers & Manufacturers of Eddy Current Brakes & Closed Loop Controllers; CE compliant: **U.K. Designed & Manufactured.**

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