

Case Study

Hummingbird FPSO Moorings Inspection Campaign

Project Description

SengS Subsea Engineering Solutions Ltd were contracted by BRIL (Bibby Remote Intervention Ltd) on behalf of Centrica Energy Ltd to carry out inspection works on the Sevan Hummingbird FPSO 2013 Mooring lines.

Campaign work scope:

In order to preserve the required level of integrity of the Seven Hummingbird FPSO mooring system an annual mooring integrity survey was carried out. The survey consisted of the Lower H-Shackles, pennant chain, buoys and associated joints

SengS engineered offshore operations procedures, This included but was not limited to; schedule, method statements and project specific operational procedures, in addition SengS designed and manufactured chain gauge measuring devices 'No Go Gauges'. The objective of the gauges was to measure the chain link material loss due to corrosion. gauges were designed to accommodate four different bar diameters measurement including 120mm, 122mm, 124mm and 126mm and chain interlinks, three different interlink Go-No Go Gauges size will be used including 225mm, 232mm 242mm, 246mm and 250mm gauges.

The Sevan Hummingbird FPSO is located on the Chestnut Field, which is in Block 22/2a of the Central North Sea, approximately 200 miles from Aberdeen and around 13km south/south-east of the ChevronTexaco operated Alba Field.

