

Offshore Reference Site 1

Triton FPSO

The Triton is a double hulled floating processing tanker situated in block 21/30, North Sea 190 KM east of Aberdeen United Kingdom. Co-operatively owned and jointly operated by Amerada Hess, Shell and Petro-Canada.

The Triton has been in this location since 2000 and has a design life of 21 years. It's 800ft (244m) long and has a dead weight of 105,000 tons. This FPSO can store 630,000 barrels and will process 105,000 barrels/day of tanker-stabilised crude oil, using three stages of separation, with a dehydrator and a test separator for well testing.



February 2006, Taylor McLaren Ltd was invited to present H2Obvious “The Solution to CUI”. This invitation was after a catalogue of unplanned shutdowns in Dec. 05 & Jan 06 as a direct result of severely corroded pipes under thermal insulation. CUI was discovered on the 2km gas line after a product release halted production, totalling 10 days during this period for remedial maintenance to be completed.

Present at the presentation were representatives from, Wood Group, Shell UK, Amerada Hess, Petro-Canada and Lloyds Registers. After the presentation, the round table consensus was that the installation of the H2Obvious solution would considerably contribute to resolving future CUI failures.

H2Obvious units were commissioned and installed in January 2007.



Technical Report and Analysis available under separate request from info@h2obvious.com.