NEWS

26 November 2009

Tideland Signal

Tideland warning systems for North Alwyn refurbishment

Tideland Signal has supplied Total E&P UK with a comprehensive package of Syncrolan light stations and fog signals for the refurbishment of warning systems marking the North Alwyn platforms in the North Sea.

The North Alwyn complex consists of two platforms linked by a 73 metre steel bridge which takes personnel and untreated oil and gas to the processing facility. The new marking system comprises two main Syncrolan light stations, two Syncrolan fog signals, three subsidiary lights and a central alarm and monitor panel. All equipment is ATEX certified for use in Zone 1 (Cat 2) hazardous areas.

Tideland's Syncrolan light stations combine an ML-300-SL-400-EX main light and FLMC-4 multi-code flasher with a ML-300 EX secondary light equipped with a DuoFlash EX multi code flasher. The unit is mounted on a galvanized steel pedestal incorporating a control station complete with local charger and battery.

The fog signal stations each comprise an AB-68 fog signal mounted on a galvanized steel pedestal which also incorporates an ECU control unit battery and charger. Controls for the four Syncrolan stations are located with the equipment but the central panel also indicates the status of the equipment and provides photocell override to allow the lights to be switched on during daytime and a fog signal silent switch to silence the fog signals.

The subsidiary beacons are all Tideland ML-155 units complete with a DuoFlash EX multi-code flashers and showing a red light. Of the three, two are located alongside the fog signals and the third on the connecting bridge.

Alwyn North, which is the support centre for neighbouring fields, is located 273 miles (440km) north east of Aberdeen and first began production in 1987. Today, oil from Alwyn is transported via Cormorant Alpha and the Brent pipeline system to the Sullom Voe Oil Terminal

in Shetland. Gas is transported via the Frigg UK pipeline to our St Fergus Gas Terminal near Peterhead.

Approved to ISO 9001:2008, Tideland Signal Limited is a British-based member of the Tideland group of companies, which specializes in the design and manufacture of aids to marine navigation. The Tideland group is independently owned and has its headquarters in Houston, Texas.

**** ENDS ****

Issued on behalf of Tideland Signal Limited, Kendal House, Victoria Way, Burgess Hill, Sussex, RH15 9NF, UK.

Tel: +44 (0) 1444 872240. Fax +44 (0)1444 872241. E-mail: sales@tidelandsignal.ltd.uk

By David Sommerlad, Grafton House, North Hills, Brill, Bucks. HP18 9TH. UK.

Tel: +44 (0)1844 238352. Fax: +44 (0)1844 238464. E-mail: david@dspr.co.uk