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TIDELAND WARNING SYSTEM FOR SAFE SCANDINAVIA

Tideland Signal has supplied Prosafe SE with a comprehensive package of Syncrolan warning systems for its Safe Scandinavia offshore accommodation and support vessel deployed at the Snorre A facility in the Norwegian sector of the North Sea.

The warning systems comprise two Syncrolan light stations, two subsidiary lights, a Syncrolan fog station and a central monitor panel.

Tideland's Syncrolan light stations combine an ML-300-SL-400-Ex main light and FLMC-4 multi-code flasher fitted with 400W dual filament lamps. The MLED-300 secondary lights are equipped with a MaxiHalo-EFF LED multi code flasher, operating at 80% power to achieve a range of 10Nm. The light station is wired to a junction box ready for field cabling and combined on a galvanised steel pedestal, carried on a base module skid, which also contains the back-up battery, battery box, charger and current monitor.

The fog signal station comprises an AB-560 fog array mounted on a base module skid which also incorporates two back-up batteries housed in a GRP enclosure, control enclosure and charger, ECU 800 control unit and current monitor.



Image 1: Tideland 'sAB-560 fog signal incorporates five drivers/emitters producing 133.2 dB at 1m equivalent and broadcasting a 360° sound beam in the horizontal plane.

Tideland's AB-560 fog signal incorporates five drivers/emitters producing 133.2 dB at 1 metre equivalent and broadcasting a 360° sound beam in the horizontal plane. The drivers/emitters are housed in robust GRP casings and are mounted in a galvanised steel structure designed to withstand severe storms. Operating at less than 25% of rated capacity results in exceptional efficiency and life expectancy.

There are also two subsidiary Tideland MLED-155 beacons fitted with MaxiHalo-60 red LED multi-code flashers, operating at 10% power setting to achieve a range of 3Nm.



Image 2: Prosafe's Safe Scandinavia offshore accommodation and support rig deployed at the Snorre A facility in the Norwegian sector of the North Sea. ©Prosafe

Designed and built by Aker in 1984, Safe Scandinavia has a twelve point chain mooring system which allows it to remain on station in the harshest environments. The 583-bed rig is currently under contract to StatoilHydro to provide accommodation support facilities at Snorre A under a contract worth in excess of US\$90 million. Prosafe is a Norwegian company and a leading owner and operator of semi-submersible service rigs and floating production and

storage vessels, operating in the North Sea, South-East Asia, India, Egypt, West Africa and the Gulf of Mexico.

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

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