



OFFSHORE & HELIDECK

AIDS TO NAVIGATION



Standard Offshore Aids to Navigation System

Tideland offers world-class offshore platform products made to withstand the harshest of environments. Our offshore platform systems comply with the latest IALA Recommendation O-139 on the Marking of Man-Made Offshore Structures and include the option of a 15NM navigational light, which is often required by regional authorities.

For USA waters, Tideland offshore platform systems are fully compliant with US Coast Guard requirements for Class A, B and C structures.

Tideland products are certified to NEC, Class I, Division 2, ATEX Category 2 (Zone 1) and 3, and IECEx where applicable.



Light Station - Zone 1

Suitable to provide 15NM main and 10NM standby, extensively used in the North Sea. Suitable for use in Zone 1 areas and certified to IECEx.

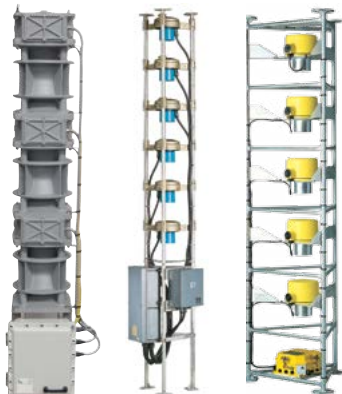
Individual Lights - Zone 1

For those areas where only 5 or 10NM is required, Tideland has a range of lanterns. All are suitable for use in Zone 1 areas and certified to IECEx.



Self-contained Lights - NEC

Complete with its own solar power and battery system, no external power is required.



Fog Signals - Zone 1 and NEC

A selection of 2NM fog signals are available for both Zone 1 and NEC, Class I, Division 2. Zone 1 units also have the option of a 0.5NM back-up system.



Unitised System - NEC

Unitised systems are especially suited for the Gulf of Mexico. Available in Class A, B and C and specifically designed for the USCG regulations. All units are approved and are available in NEC, Class I, Division 2. These completely self contained units can easily be positioned on a platform without additional equipment or wiring.

Control Panels

Control systems are available in configurations ranging from safe area, NEC and Zone 1. Systems can also include remote switching and connection to a SCADA system.



Solar Power & Battery Systems - Zone 1 and NEC, Class I, Division 2

Tideland has a range of solar panels and battery systems in various configurations and capacities.

Individual Lights - NEC

Certified to NEC, Class I, Division 2 and certified by the USCG. These lights are available in ranges of 5NM to 10NM and are rapidly becoming the standard for many offshore oil and gas companies.



AIS & Remote Monitoring

Many platform systems are now guarded by an Automatic Identification System (AIS). AIS transmits vital information about the platform and location to all AIS equipped vessels within the area. In addition AIS can also be used for remote monitoring and can accompany our Satellite, GSM and VHF monitoring systems.



e-NavLINK SCADA System

e-NavLINK is a world class monitoring system that provides users with evidence of regulatory compliance and safety of their important aids to navigation. Important warnings and alarms can be sent via text or email and historical reports can be extracted. The system user interface is provided via a web browser.



CAP 437 CIRCLE-H & HELIDECK SYSTEM



CIRCLE-H

Helicopter deck signalisation lighting has now taken off into a new direction with the Tideland CIRCLE-H Lighting System. Throughout the industry, it is now fully agreed and accepted that the old method of illuminating the TD/PM Circle and H with flood lights results in the common dangerous problem of creating the disorientating “black hole” effect and at the same time being a source of glare to the helicopter pilots. Developed with close guidance from the CAA, and certified by the HCA, and in full accordance with the requirements of CAP 437, Tideland’s CIRCLE-H TD/PM Lighting System provides the optimum solution to these problems and years of trouble free use.

Wind Sock

The ILED Aquarius Illuminated Windsock provides pilots with an indication of the wind direction as required by international regulations. These regulations require the presence of at least one windsock, which, if the helideck is intended for use at night, must be illuminated.



Helideck Lighting

Tideland has a full range of helideck lighting systems including perimeter lighting, floodlights and control panels. In addition, status (wave off light) light systems are available including repeater lights.



Perimeter Light



Floodlight



Status Light

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