

# Offshore Systems



TIDELAND ENGINEERED

Tideland Signal has been providing marking systems to the offshore industry for over 35 years. Many of these systems have a 25 year history of reliable service in some of the harshest environments on the planet.

The systems comply with the latest IALA Recommendation O-139 on the Marking of Man-Made Offshore Structures and include the option of a 15Nm light which is often additionally required by regional authorities. Tideland Signal designs systems for maximum reliability as they need to operate during safety critical times.

Each of the lanterns and fog signals are therefore autonomous units with their own U coder. In this way, service to the mariner is not affected by any central control panel failure, and they run directly from the standby battery minimising Points of Failure.

Another advantage of this design is that it provides flexibility in the way the system can be powered. A central battery system, where standby power is maintained by a charger housed with a DC distribution board and monitor panel can be used; or alternatively a “de-centralised” system, where each light and fog signal station has its own power supply and battery with only an alarm panel at a central location.

Both versions can provide photocell override for turning the lights on during the day, and a fog signal silent switch.

The advantage of the “de-centralised” configuration is that space is saved in the central areas and DC distribution is minimised.



The light station- single lift, pre-wired and ready for field cabling.



The fog signal and subsidiary light- the subsidiary light can also be mounted separately.

The Syncrolan® system is certified under the ATEX Directive 94/9/EC for use in Zone 1 hazardous areas.

Available are versions for Zone 2 and for Class 1 Division 2 Group D areas, as described by the National Electrical Code.

To further enhance safety at sea for offshore workers and mariners Tideland Signal offers the following additional products:



### SeaBeacon® 2 System 6 Racon

Available in versions certified for Zone 1, Zone 2 and for safe area use. SeaBeacon® 2 System 6, a frequency agile racon, provides dependable service to all marine radars including those with modern narrow band receivers. SeaBeacon® 2 System 6 is unequalled in frequency matching accuracy, consistent pulse-by-pulse response and advanced sidelobe suppression.



### The Informer V03 AIS AtoN

An AIS information provider used for collision avoidance transmitting to all AIS equipped vessels in the area standard message 21 containing amongst other information the position and size of the platform.



### The Tideland Signal Fog Detector

Available in safe area and Zone 1 certified version, can be used to automatically control the fog signals. It measures atmospheric visibility (meteorological optical range) by determining the amount of light scattered by particles (smoke, dust, haze, fog, rain and snow) in the air that passes through the sample volume.

#### TIDELAND SIGNAL CORPORATION CORPORATE HEADQUARTERS (Houston, TX)

TEL + 1 713-681-6101  
FAX + 1 713-681-6233  
EMAIL [hq@tidelandsignal.com](mailto:hq@tidelandsignal.com)

#### TIDELAND SIGNAL CORPORATION (Lafayette, LA)

TEL + 1 337-269-9113  
FAX + 1 337-269-9052  
EMAIL [lafayettesales@tidelandsignal.com](mailto:lafayettesales@tidelandsignal.com)

#### TIDELAND SIGNAL CANADA LTD (Vancouver and Ottawa)

TEL + 1 604-247-0988  
FAX + 1 604-247-0987  
EMAIL [canada-sales@tidelandsignal.com](mailto:canada-sales@tidelandsignal.com)

#### TIDELAND SIGNAL PTE LTD (Singapore)

TEL + 65 6333-0078  
FAX + 65 6333-0079  
EMAIL [sales@tidelandsignal.com.sg](mailto:sales@tidelandsignal.com.sg)

#### TIDELAND SIGNAL LTD (Burgess Hill, UK)

TEL + 44 (0) 1444-872240  
FAX + 44 (0) 1444-872241  
EMAIL [sales@tidelandsignal.ltd.uk](mailto:sales@tidelandsignal.ltd.uk)

#### TIDELAND SIGNAL LTD (Dubai, UAE)

TEL + 971 (0) 4-885-5842  
FAX + 971 (0) 4-885-7352  
EMAIL [sales@tidelandsignal.ltd.uk](mailto:sales@tidelandsignal.ltd.uk)

#### TIDELAND SIGNAL PTE. LTD (Shanghai, China)

TEL + 86 (0) 21-3868-8327  
FAX + 86 (0) 21-3808-8087  
EMAIL [sales@tidelandsignal.com.sg](mailto:sales@tidelandsignal.com.sg)

WEBSITE [www.tidelandsignal.com](http://www.tidelandsignal.com)



ISO 9001:2008  
Certificate  
Number: 30061

#### ISO 9001:2008

Tideland Signal Corporation maintains ISO 9001:2008 accreditation. It is company policy to provide products and services that meet the highest standards of quality in the industry.

#### Membership Organizations

