



Tideland Signal is pleased to announce that they have been awarded a contract for the supply of a lighthouse monitoring system for the US Coast Guard

The contract, valued in excess of \$1 million, is for an initial delivery of six (6) remote stations with the remainder of one hundred (100) units being delivered by the end of 2004.

The monitoring system (NavLink) comprises remote monitoring units sited at lighthouses that transmit the operational data back to a windows based software, NavTerm. Tideland Signal was chosen due to their competitive bid combined with the extensive experience gained in Norway, Brazil, Malaysia, Mexico and Ecuador.

The remote unit is connected to sensors on the aid to navigation and monitors items such as battery and solar voltage, number of lamps left, flash character, sun switch status with remote controls for changing the flash character or overriding the sun switch. In addition warning and alarm parameters can be adjusted to provide automatic notification in the event of a malfunction.

A variety of communication methods will be employed including VHF radio, cellular telephone and direct dial modems. Similar systems are also operating utilizing Inmarsat-C. In addition, for long-range sites the remote unit can also act as a repeater for a number of other remote sites.

At the operations center the NavLink software displays an S-57 chart indicating the position and health of all aids to navigation being monitored. By simply clicking on any Icon the health and settings of a particular AtoN are displayed. Warnings and exception reports are displayed as a flashing warning with optional audio.

Tideland Signal Corporation, founded in 1954, manufactures and supplies a complete range of aids to marine navigation systems including the new automatic identification system (AIS) that is being mandated by the International Maritime Association (IMO) and also VTS systems in conjunction with Norcontrol IT.

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For further information, or color images and data please contact:

Jody Sturtze at Tideland Signal
Tel: +1 (713) 681 6101
Fax: +1 (713) 681 6233
e-mail: jodys@tidelandmaritime.com
web: www.tidelandsignal.com