



New Tideland flasher/lampchanger for hazardous environments

Tideland Signal has introduced a new surge-protected flasher/lampchanger, designed for use with the ML-300Ex marine lantern for hazardous environments.

Designated LC-6 Ex, the new flasher/lampchanger is suitable for explosive environments and is certified for Zone 1 applications when installed in Tideland's ML-300 Ex lantern, and when fitted with 12v 1.9amp lamps has a visible range in excess of 10 nautical miles. It is suitable for operation with Tidelands Zone 1 certified solar energy systems or through a mains power supply. Its surge-protected circuitry features a fully automatic solid-state flasher/controller, mounted in a separate enclosure, and a six-place lampchanger. Designed to communicate and synchronise with other flasher units, the controller can be linked to Tideland's OMNICOMM and Navlink® remote control and monitoring systems.

The lamp turret is powered by a unipolar stepper motor, which uses induction techniques to conserve energy and increase reliability and service-life.

The LC-6Ex can operate across a wide input voltage, ranging from nine to sixteen volts. Units can be synchronised to flash in unison, if required, with a timing accuracy of within 1%. Each unit includes 256 user-selectable pre programmed flash codes. All the electronics are contained within one single replaceable assembly to simplify maintenance.

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

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