



TIDELAND PROTECTIVE MEASURES FOR ELECTRONIC CIRCUITS

Tideland Signal designs its equipment to withstand the extreme conditions of, humidity, salt exposure and other contaminants prevalent in the marine environment. If not protected, the formation of oxidation can cause permanent and irreparable damage to the electronic circuits.



Tideland Signal uses three proven methods to combat marine corrosion.

1. Every electronic circuit card is conformal coated with a urethane resin to prevent contamination and oxidation of the circuitry.
2. Conformal coated circuits are installed in waterproof canisters, creating a double sealed technique.

For additional information regarding Tideland Signal Corporation, Aids to Navigation, and VTS and AIS solutions, please contact Jeff Rosner at +1 713 681 6101 , jeffr@tidelandsignal.com



3. For the highest valued products, such as the SeaBeacon RACON, Nitrogen is pumped into the electronics canister, generating a positive pressurized enclosure. This process guarantees contaminating materials cannot enter the enclosure.

Founded in 1954, Tideland Signal Corporation is committed to meeting and exceeding the requirements for marine aids to navigation to the maritime industry.

- ENDS -

For additional information regarding Tideland Signal Corporation, Aids to Navigation, and VTS and AIS solutions, please contact Jeff Rosner at +1 713 681 6101 , jeffr@tidelandsignal.com

Tideland Signal Corporation, PO Box 52430, Houston, TX, 77052, USA. www.tidelandsignal.com