

Decentralised Main and Secondary Light Station

Hazardous Area Nav aids Upgrade Solutions

Tideland Signal has been providing marking systems to the offshore industry for over six decades. These systems have a history of long and reliable service in some of the harshest marine environments on the planet. The latest development brings the benefits of LED technology - low power, no re-lamping and minimal maintenance to the offshore industry operating in Zone 1 Hazardous Areas. This light station complies with the latest IALA Recommendation G-1162 on Marking of Man-Made Offshore Structures and includes the option of a 15NM LED light which is often required by regional authorities.

- Direct replacement for Tideland Decentralised Main and Secondary Light Stations
- Quick and Easy Replacement
- Can be Replaced one station at a time
- High Reliability
- Self Contained Solution



CHARACTERISTICS

- The Exde certified MLED-180HI Ex LED Main Light features a high efficiency LED flasher head operating at an average power of 40W.
- The Exde certified MLED-150 Ex LED Secondary Light features a high efficiency LED flasher head operating at an average power of 6.6W.
- Each Lantern is autonomous, having onboard software to generate the Morse U code and monitor the critical operating parameters of the flasher.
- An Exd or Exde Junction box assembly is included and pre wired, which contains a wide input Power Supply to convert existing 230 or 120v AC Main Light supplies to 24v DC. It also incorporates a battery charger and configurable alarm and control circuitry allows one product to be easily tailored to fit the majority of existing control and monitoring options.
- A Zone 1 Certified Battery Box is included to provide minimum 96 Hours Autonomy for the Secondary Light and up to two optional Subsidiary Lights.
- Units are supplied Pre assembled on either a Galvanised Steel or Stainless Steel Pedestal with either Rectangular Bases to directly replace Tideland Syncrolan 91 type stations, or with Triangular Bases to directly replace earlier Syncrolan Orion stations.
- Suitable for Upgrade Solutions or New Build.



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Versions						
Part Number	Certification	Baseplate Configuration	Battery Box	PSU	Pedestal	GPS Sync
0908023-20	Zone 1	Rectangular	Stainless Steel	Exd	Galvanised Steel	
0908023-20G	Zone 1	Rectangular	Stainless Steel	Exd	Galvanised Steel	Y
0908023-21	Zone 1	Rectangular	Galvanised Steel	Exd	Galvanised Steel	
0908023-21G	Zone 1	Rectangular	Galvanised Steel	Exd	Galvanised Steel	Y
0908023-22	Zone 1	Rectangular	Stainless Steel	Exd or Exde	Stainless Steel	
0908023-22G	Zone 1	Rectangular	Stainless Steel	Exd or Exde	Stainless Steel	Y
0908023-23	Zone 1	Triangular	Stainless Steel	Exd or Exde	Stainless Steel	
0908023-23G	Zone 1	Triangular	Stainless Steel	Exd or Exde	Stainless Steel	Y
0908023-24	Zone 1	Triangular	Stainless Steel	Exd or Exde	Galvanised Steel	
0908023-24G	Zone 1	Triangular	Stainless Steel	Exd or Exde	Galvanised Steel	Y