

# SB-98P

## Sentinel<sup>®</sup> Multi-Purpose Buoy



TIDELAND SIGNAL CORPORATION

The SB-98P is a product of Tideland's continued development of higher performance, low maintenance, cost-effective multi-purpose buoys for use in all marine environments. The unique design of this buoy allows it to be deployed in a wide variety of applications that include shallow water, channel edges, rivers up to 6 knots current, deep harbours and fast current inter-tidal zones.

### FEATURES:

- **UV-STABILISED POLYETHYLENE** – Rotationally moulded to form a seamless body, 9.5 mm thick, able to withstand knocks and/or collision. Through a unique mould design and a controlled process, an increased thickness is formed at major stress points. This rugged material is abrasion resistant and repels marine growth, eliminating costly sandblasting and painting.
- **LONG-TERM STRENGTH** – Equipped with a stainless steel mooring and lifting eye, the buoy is easily handled. The SB-98P buoy is EPS foam filled to prevent significant water ingress in event of a puncture. As with all Sentinel<sup>®</sup> buoys, minor punctures are on-station repairable.
- **STABILITY** – For moderate to no current, 0-2 knots, the SB-98P can be attached from its centre mooring point and from 2-5 knots, it would be attached from its forward mooring point. The unique keel and hull system with 160 kg (350 lb) of internal ballast keeps the buoy stable, upright and tracking.
- **MATCHING OR ALTERNATING COLOURS** – The SB-98P is available in all recommended IALA colours, including cardinal and bifurcation markings, with optional IALA recommended topmarks and daymarks.

### OPTIONAL EQUIPMENT:

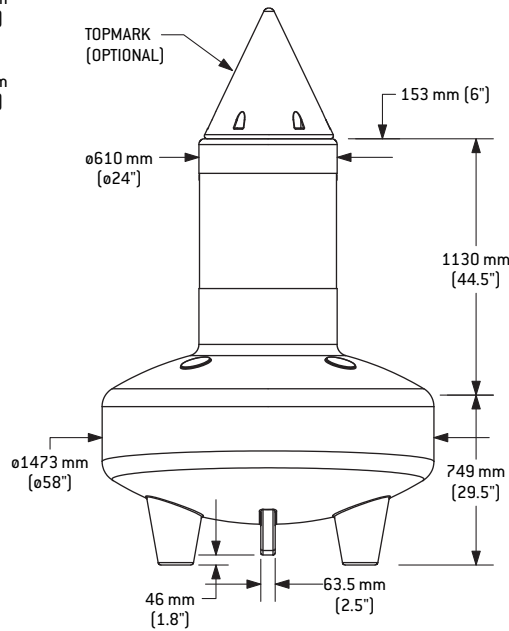
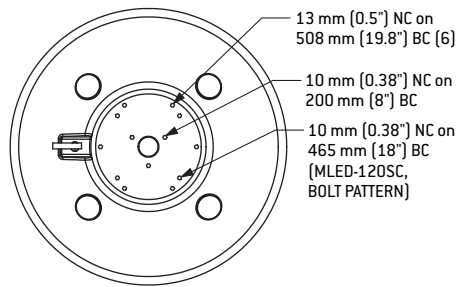
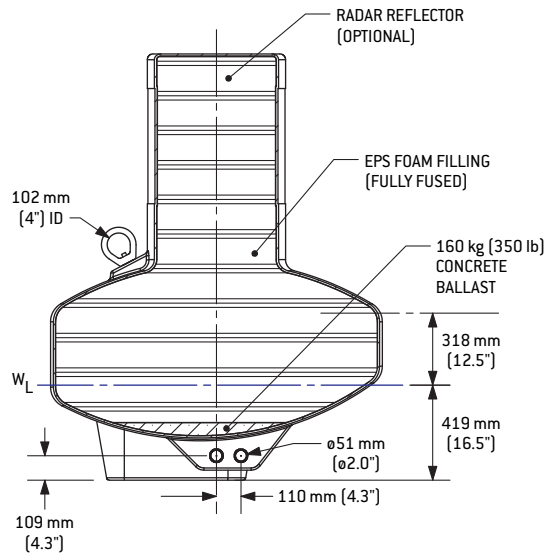
- Optional internal radar reflector
- Optional repair kit



Shown is Tideland's SB-98P Sentinel buoy with a MLED-120SC marine lantern in Victoria Harbour, British Columbia.

### OPTIONAL LED MARINE LANTERNS

SB-98P can be equipped with Tideland's MLED-120SC (shown in photo above), SolaLED-140 or SolaLED-155 and/or SolaLED-215, which are maintenance-free, self-contained lanterns that utilise LED technology, high performance solar modules and high-grade batteries.



## SPECIFICATIONS

Construction .....	Rotationally moulded in medium density UV-stabilised virgin polyethylene, 9.5 mm thick
Foam Filling .....	16kg/m <sup>3</sup> expanded polystyrene foam
Air Weight .....	261 kg (575 lb)
Diameter .....	1473 mm (58 in)
Focal Plane Height .....	1904 mm (74 in)
Draft .....	419 mm (16.5 in)
Freeboard .....	318 mm (12.5 in)
Submergence .....	17 kg/cm (95 lb/in)
Surface Colour .....	As Specified
Maximum Mooring Load .....	540 kg (1190 lb)
Maximum Current .....	6 knots

NOTE: Specifications are subject to change.



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Tideland Signal Corporation maintains ISO 9001:2000 accreditation. It is company policy to provide products and services that meet the highest standards of quality in the industry.

Membership Organisations



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