

# SB-1500

SENTINEL® MULTI-PURPOSE BUOY

**SB-1500 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 tidal zones.**

## FEATURES

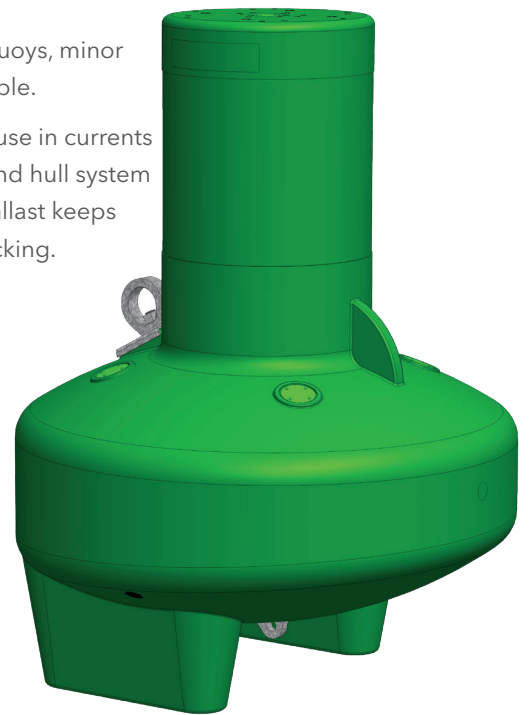
- **UV-STABILISED POLYETHYLENE** - Rotationally moulded to form a seamless body, 9.5mm thick, able to withstand knocks and/or collision. Through a unique mould design and a controlled process, an increased thickness is formed at major stress points. This rugged material is abrasion resistant and repels marine growth, eliminating costly sandblasting and painting.
- **LONG-TERM STRENGTH** - SB-1500 is equipped with a galvanised steel mooring and lifting eye and the complete assembly is removable for inspection. SB-1500 buoy is EPS foam filled to prevent significant water ingress in event of a
- **puncture.** As with all Sentinel® buoys, minor punctures are on-station repairable.
- **STABILITY** - SB-1500 is ideal for use in currents up to 6 knots. The unique keel and hull system with 160kg (350lb) of internal ballast keeps the buoy stable, upright and tracking.
- **MATCHING OR ALTERNATING COLOURS** - SB-1500 is available in all recommended IALA colours, including cardinal and bifurcation markings, with optional IALA recommended topmarks and daymarks.

## OPTIONAL EQUIPMENT

- Internal radar reflector
- Repair equipment
- 4" Lifting eye

## OPTIONAL LED MARINE LANTERNS

SB-1500 can be equipped with a range of Tideland self contained lanterns, which are maintenance-free and utilise LED technology, high performance solar modules and high-grade batteries

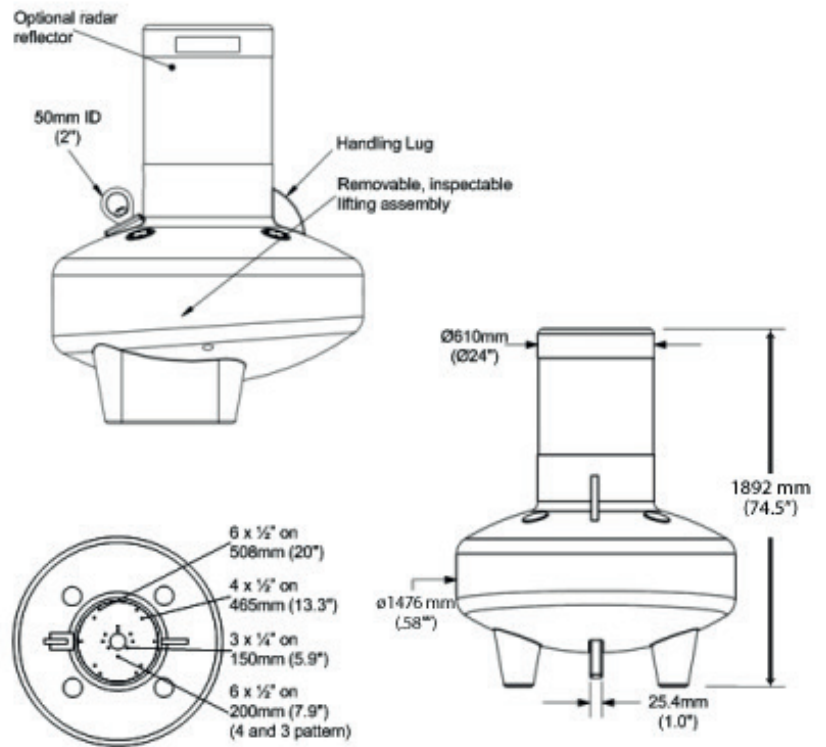


**TIDELAND**  
a xylem brand

# SB-1500 SENTINEL® MULTI-PURPOSE BUOY

## Technical Details

<b>Construction</b>	Rotationally moulded in medium density UV-stabilised virgin polyethylene, 9.5mm thick
<b>Foam Filling</b>	16kg/m <sup>3</sup> expanded polystyrene foam
<b>Air Weight</b>	261kg (575lb)
<b>Diameter</b>	1473mm (58in)
<b>Focal Plane Height</b>	1760mm (56in)
<b>Draft</b>	419mm (16.5in)
<b>Freeboard</b>	318mm (12.5in)
<b>Submergence</b>	17kg/cm (95lb/in)
<b>Radar Reflector</b>	10m <sup>2</sup> (X-band)
<b>Surface Colour</b>	As Specified
<b>Maximum Mooring Load</b>	540kg (1190lb)
<b>Maximum Current</b>	6 knots



Tideland Signal Corporation  
(USA)  
us-sales@tidelandsignal.com

Tideland Signal Ltd  
(Canada)  
canada-sales@tidelandsignal.com

Tideland Signal Ltd  
(Burgess Hill, UK)  
emea-sales@tidelandsignal.com

Tideland Signal  
(The Netherlands)  
emea-sales@tidelandsignal.com

Tideland Signal Ltd  
(Dubai, UAE)  
emea-sales@tidelandsignal.com

Tideland Signal Pte Ltd  
(Singapore)  
asia-sales@tidelandsignal.com

Tideland Signal Pte Ltd  
(Tianjin, China)  
asia-sales@tidelandsignal.com

[www.tidelandsignal.com](http://www.tidelandsignal.com)