

# 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.



### CHARACTERISTICS

- **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® punctures are on-station repairable.

- **STABILITY –** SB-1500 is ideal for up to 6 knots. The unique keel with 160kg (350lb) of internal the buoy stable, upright and
- **MATCHING OR ALTERNATING COLOURS –** SB-1500 is available in all recommended IALA colours, including cardinal and bifurcation markings, with optional IALA recommended topmarks and daymark

### OPTIONAL EQUIPMENT

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



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| Construction         | Rotationally moulded in medium density UV-stabilised virgin polyethylene, 9.5mm thick |
|----------------------|---|
| Foam Filling         | Polyurethane foam   |
| Air Weight           | 261kg (575lb)   |
| Diameter             | 1500mm (58in)   |
| Focal Plane Height   | 1760mm (69in)   |
| Draft                | 419mm (16.5)  |
| Freeboard            | 318mm (12.5)  |
| Submergence          | 17Kg/cm (95lb/in)   |
| Surface Colour       | As Specified  |
| Radar Reflector      | 10m <sup>2</sup> X -Band  |
| Maximum Mooring Load | 540Kg (1190lb)  |
| Maximum Current      | 6 knots   |

## 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.

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