

# 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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Technical Details	
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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