

IB-1200

SENTINEL® ICE BUOY

IB-1200 is a product of Tideland's continued development of high performance, low maintenance and cost effective buoys with its European partner, Floatex s.r.l. The unique design of the buoy allows it to be deployed in a variety of applications including the arduous conditions found in arctic waters.

Features

- **UV-STABILISED POLYETHYLENE** - IB-1200 comprises three rotomoulded, UV stabilized polyethylene sections; upper body, central body and lower hull. Utilising a bonding technology all three sections are welded together to provide three completely independent sections, isolated from each other. This combination provides a high impact resistance and structural elasticity. In addition, the lower hull section is moulded with a second internal chamber to provide floatation in the event the buoy is damaged. All three sections are moulded with different wall thicknesses designed to provide maximum impact resistance, along with the best stability, in varying currents and sea conditions.
- **LONG-TERM STRENGTH** - Equipped with galvanised steel mooring and lifting eyes making the buoy easy to handle.
- **TESTED** - Able to exceed DIN EN ISO 4892-3-2006 UV stability.
- **COLOURS** - IB-1200 is available in all recommended IALA colours.
- **LANTERN** - A self contained lantern can be fitted to the buoy or alternatively it can be equipped with an ice buoy light with an internal battery pack.

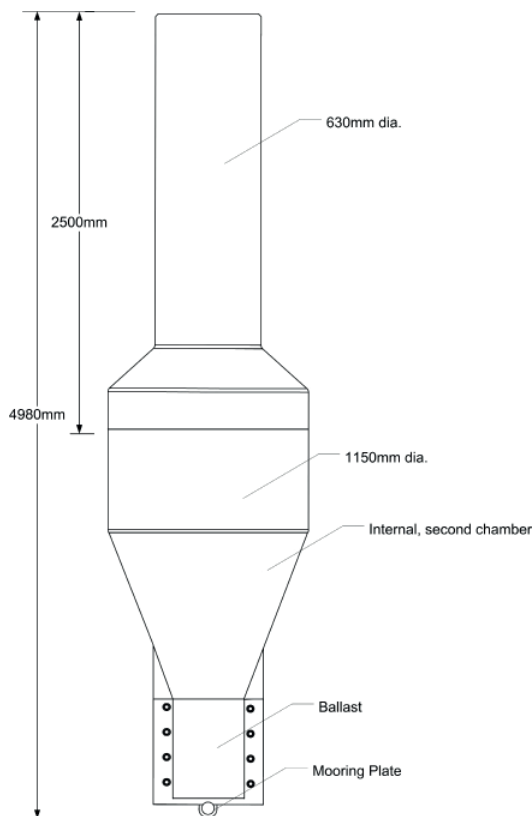


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Technical Details

Application	Rivers, Estuaries, Harbours and Channels - Ice Locations
Construction	Rotationally moulded, UV stabilised polyethylene
Air Weight	910kg (2006 lb)
Wall Thickness	Upper body 15mm Central body 20mm Lower hull 25mm
Diameter	Maximum 1200mm (3ft 9in)
Overall Length	4980mm (16ft 4in)
Nominal Focal Plane Height	2500mm (8ft 2in)
Draft	2310mm (7ft 7in)
Submergence	10.4kg/cm (26.4lb/in)
Radar Reflector	10m2 (X-band) Optional
Radar Range, nominal	4 to 5NM
Colour	As Specified and according to IALA recommendations
Lantern	Self contained lantern or ice buoy lantern with an internal battery pack
Ballast	600kg (1322lb) adjustable
Maximum Mooring Load	346kg (763lb)
Maximum Current	6 knots



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