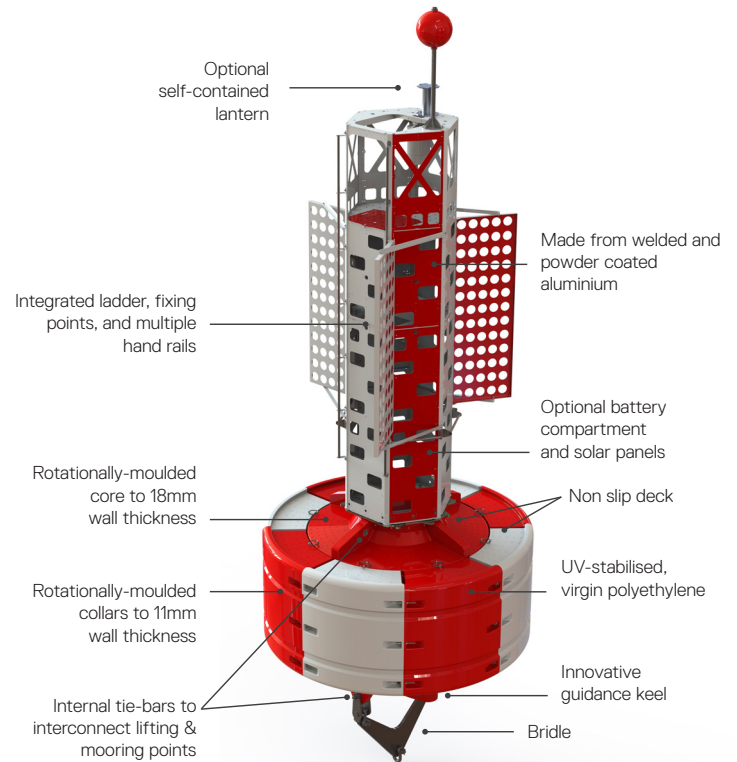


The Safe Water Atlantic **SL-B3000** is a 3m diameter navigation buoy designed for offshore port and coastal applications. It offers significant advantages over steel or hybrid designs.

Key Features:

- Innovative modular design
- 10 tonne safe working load
- Easy to assemble, deploy and service
- Lightweight
- Polyethylene and welded aluminium design



Innovative Modular Design

The only buoy in its class to offer a 3m diameter float section without the use of a central mooring post. Float section is built from a large central chamber with a ring of float collars. Multiple buoy chambers provide a higher level of redundancy and packs down for ease of shipping.

10 Tonne Safe Working Load Lifting Strength

Large, integrated lifting and mooring eyes offer a safe working load of up to 10T (2-eye lift) which is comparable to traditional steel designs. Achieved by using 316-grade stainless steel, moulded-in tie bars for internal bracing, connected to the lifting and mooring points for lifting strength.

Easy to Assemble, Deploy and Service

Up to 60% lighter than traditional steel/plastic hybrid buoys. They are easy to manoeuvre using integrated forklift access points. By design they are safer, and sit flat on the deck of a vessel.

Significant Payload

Large area to accommodate external equipment and accessories including power supplies, met hydro and telemetry equipment.

General Characteristics

| | |
|--|---------------|
| Focal Plane Height (mm/inches) | 4728 / 186.1 |
| Total Float Volume (ltrs/US gallon) | 9587 / 2532 |
| Nominal Freeboard (mm/inches) | 1030 / 40.5 |
| Nominal Draft (mm/inches) | 910 / 35.75 |
| Total Buoyancy (kgs/lbs) | 8000 / 17636 |
| Reserve Buoyancy (kgs/lbs) | 2650 / 5842 |
| Maximum Mooring Load (kgs/lbs) | 2650 / 5842 |
| Draft, Maximum (mm/inches) | 1305 / 51.375 |
| Freeboard, Minimum (mm/inches) | 635 / 25 |
| Safe Working Load, 1pt (kgs/lbs) | 5000 / 11023 |
| Safe Working Load, 2pt (kgs/lbs) | 10000 / 22046 |
| Submergence (kg/cm, lb/inches) | 63 / 352.6 |
| Visual Area (m ² /ft ²) | 7.2 / 77.5 |
| Visual Area with day marks - Can | 8.7 / 93.65 |
| Visual Area with day marks - Cone | 8.1 / 87.2 |
| Water Area (m ² /ft ²) | 1.5 / 16.1 |

Certifications

| | |
|-------------------|---|
| IALA | Surface colours compliant to IALA E-108 |
| Quality Assurance | ISO 9001:2015 |

Physical Characteristics

| | |
|----------------------------|---|
| Material | Rotationally-moulded UV-stabilised virgin polyethylene, 316-grade internal tie bars, lifting & mooring eyes |
| Wall Thickness (mm/inches) | 18 / 0.7 (core) 11 / 0.43 (collars) |
| Ballast (kg/lbs) | 800 / 1764 internal concrete |
| Filling | Closed-cell polyurethane foam (float section) |
| Radar Reflector | Echomax |
| Height (mm/inches) | ATLANTIC-3000 Hex Standard Model: 7748 / 305 |
| Width (mm/inches) | 2997 / 118 |
| Mass (kg/lbs) | 2345 / 5170 |
| Product Life Expectancy | >20 years [^] |

Other

| | |
|-------------------|--|
| Lantern Options | Sealite SL-75, SL-C310 Series, SL-C510 Series, SL-125 Series or SL-155 Series |
| Options Available | <ul style="list-style-type: none"> • Mould-in graphics • Day marks • Monitoring Systems <ul style="list-style-type: none"> - AIS - GSM - SATCOM |
| Warranty* | 5 years |

Intellectual Property

| | |
|------------|---|
| Trademarks | SEALITE® is a registered trademark of Sealite Pty Ltd |
|------------|---|

- Specifications subject to change or variation without notice
 - * Subject to standard terms and conditions
 - † Intensity setting subject to solar availability
 - ^ Refer to the Sealite website under the warranty section

Technical Illustrations

