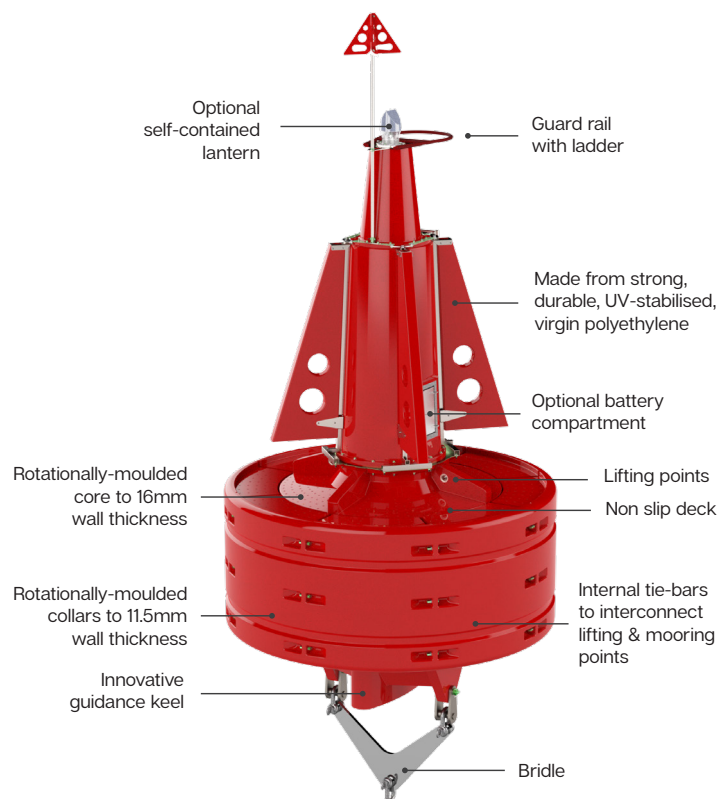


The Atlantic **SL-B3000C** is a 3m diameter navigation buoy designed for offshore port and coastal applications. It offers significant advantages over steel or hybrid designs.

Key Features:

- Innovative modular design
- 10 tonne safe working load
- Easy to assemble, deploy and service
- Lightweight
- All polyethylene 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.

High Visibility

Available in red, green, white or yellow as per IALA recommendations.

Significant Payload

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



General Characteristics

Available Colours	Red, Green, White, Yellow as per IALA Recommendations
Focal Plane Height (mm/inches)	4350 / 171.3"
Total Float Volume (ltrs/US gallon)	9587 / 2532
Nominal Freeboard (mm/inches)	1095 / 43.1"
Nominal Draft (mm/inches)	845 / 33.3"
Total Buoyancy (kgs/lbs)	8000 / 17636
Reserve Buoyancy (kgs/lbs)	2650 / 5842
Maximum Mooring Load (kgs/lbs)	2650 / 5842
Draft, Maximum (mm/inches)	1240 / 48.6"
Freeboard, Minimum (mm/inches)	700 / 27.8"
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	5.9 / 63.5
Visual Area with day marks	7.2 / 77.7
Water Area (m ² /ft ²)	1.3 / 14

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)	16 / 0.63" (core) 11.5 / 0.45" (collars)
Ballast (kg/lbs)	500 / 1102 internal concrete
Filling	Closed-cell polyurethane foam (float section)
Radar Reflector	Echomax
Height (mm/inches)	ATLANTIC-3000 Standard Model: 6010 / 236.6"
Width (mm/inches)	3000 / 118.1"
Mass (kg/lbs)	1825 / 4024
Product Life Expectancy	>20 years [^]

Other

Lantern Options	Sealite SL-75, SL-C310 Series, SL-C510 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
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- 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

