

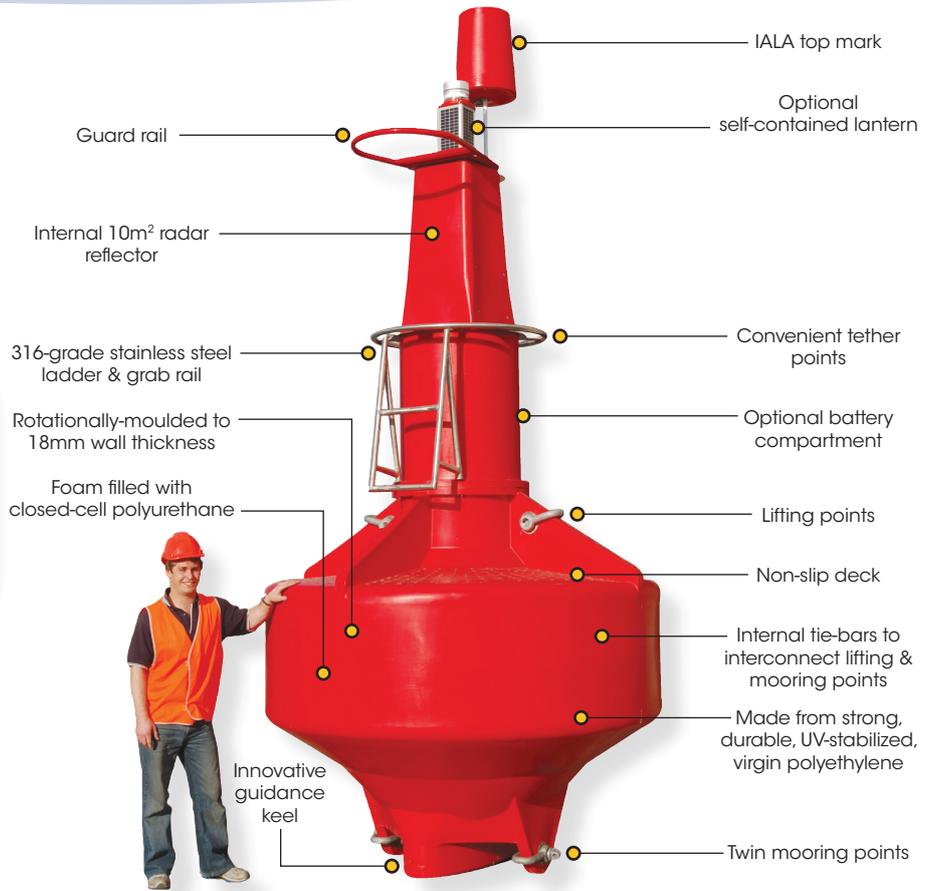
NAUTILUS-2200

2200mm dia. Ocean Buoy



AIS enabled NAUTILUS-2200

Sealite have a range of mooring chains & accessories - ask your representative today how we can supply your complete mooring solution



The Sealite Advantage

- High visibility red, green, white or yellow as per IALA recommendations
- 2.2mtr diameter
- 3.2mtr focal height (may be increased to 4mtr)
- Robust construction, 2-part modular design
- Internal redundant buoyancy system
- Lightweight
- Large battery & payload section
- Excellent buoyancy & stability
- Easy to deploy & service
- No painting, ever
- Cost effective & environmentally friendly

The NAUTILUS-2200 is a robust, rotationally-moulded polyethylene ocean buoy designed for offshore, port and coastal applications.

The buoy is rotationally-moulded by Sealite from UV-stabilized, virgin polyethylene, and has a 2.2mtr float diameter and 3.2mtr lantern focal height. Lantern focal height may be increased up to 4mtrs.

Built in a 2-part modular design, the buoy can be setup in any IALA recommended assembly, and consists of a high-visibility float section with non-slip tread, and a tower section to support considerable payload.

The twin lifting and mooring eyes are interconnected by stainless steel tie bars through the hull structure - offering enormous strength and superior longevity of the navaid.

Five (5) buoys can be shipped in a 40ft container economically to almost any destination.

The Sealite NAUTILUS-2200 is one of the largest buoys available to incorporate a one-piece, rotationally-moulded hull section, and represents exceptional value for port operators around the world.



Environmentally Friendly & Recyclable

Sealite buoy products are made from recyclable materials. As a service to customers, individual components and products at the end of their service life may be returned to Sealite for recycling.



The tower and battery compartment allows for incorporation of additional batteries to drive ancillary equipment and increase the working autonomy of the navaid in lower sunlight conditions.



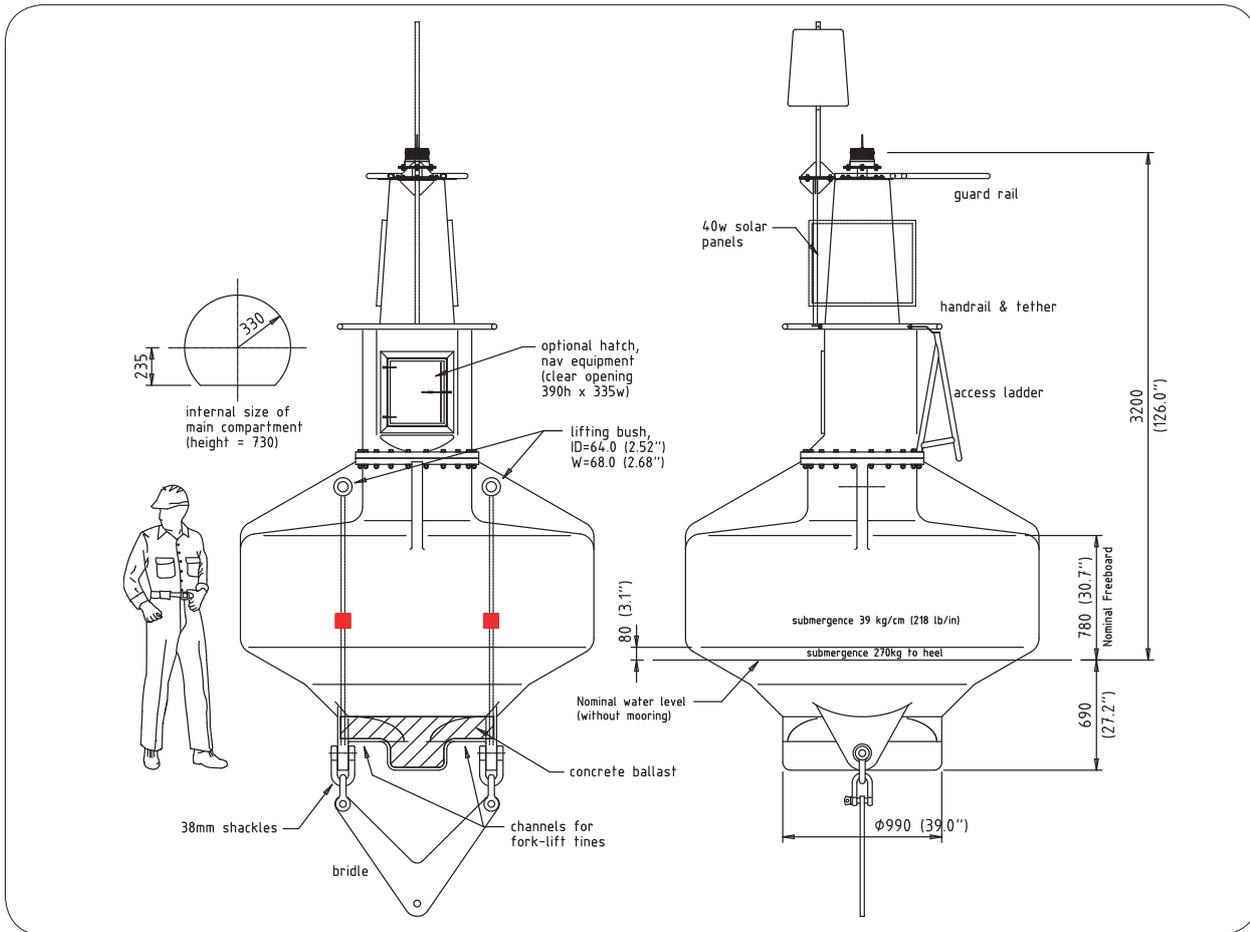
Convenient forklift access points to safely manoeuvre the buoy assembly.



Ultrasonic testing ensures consistency of wall thickness in key areas such as mooring points.

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NAUTILUS-2200 Buoys mark the scuttled ex-HMAS Canberra, Port Phillip Bay, Melbourne, Australia



SPECIFICATIONS * NAUTILUS-2200

General Characteristics

Available Colours
Focal Plane Height (mm/inches)
Total Float Volume (ltrs/US gallon)
Nominal Freeboard (mm/inches)
Nominal Draft (mm/inches)
Reserve Buoyancy (kgs/lbs)
Maximum Mooring Load (kgs/lbs)
Draft, Maximum (mm/inches)
Freeboard, Minimum (mm/inches)
Safe Working Load, 1pt (kg/lbs)
Safe Working Load, 2pt (kg/lbs)
Submergence (kg/cm, lb/inches)
Visual Area (m²/ft²)

Red, Green, White, Yellow as per IALA Recommendations
3200 / 126
4370 / 1154
780 / 30³/₄
690 / 27¹/₈
1050 / 2315
1050 / 2315
960 / 37³/₄
510 / 20¹/₈
1950 / 4300
5200 / 11460
39 / 218
3 / 32.3

Physical Characteristics

Material

Rotationally-moulded UV-stabilized virgin polyethylene, internal 316-grade stainless steel bracing, 316-grade stainless steel grab rail and ladder

Wall Thickness (mm/inches)

18 / ³/₄ (float section)

Ballast (kg/lbs)

350 / 772 internal concrete

Filling

Closed-cell polyurethane foam (float section)

Height (mm/inches)

4120 / 162¹/₄

Width (mm/inches)

2200 / 86²/₈

Mass (kg/lbs)

830 / 1830

Radar Reflector

Echomax

Product Life Expectancy

>20 years

Certifications

Quality Assurance

ISO9001:2008

Intellectual Property

Trademarks

SEALITE® is a registered trademark of Sealite Pty Ltd

Warranty *

5 years

Lantern Options

Sealite SL-C310, SL-C410, SL-C420, APOLLO-155 or SL-125 series

Options Available

- Mould-in graphics
- Day marks
- Rotationally-moulded side-panelling
- Monitoring Systems (AIS, GSM)



* Specifications subject to change or variation without notice
* Subject to standard terms and conditions