

# TM 1800 Buoy

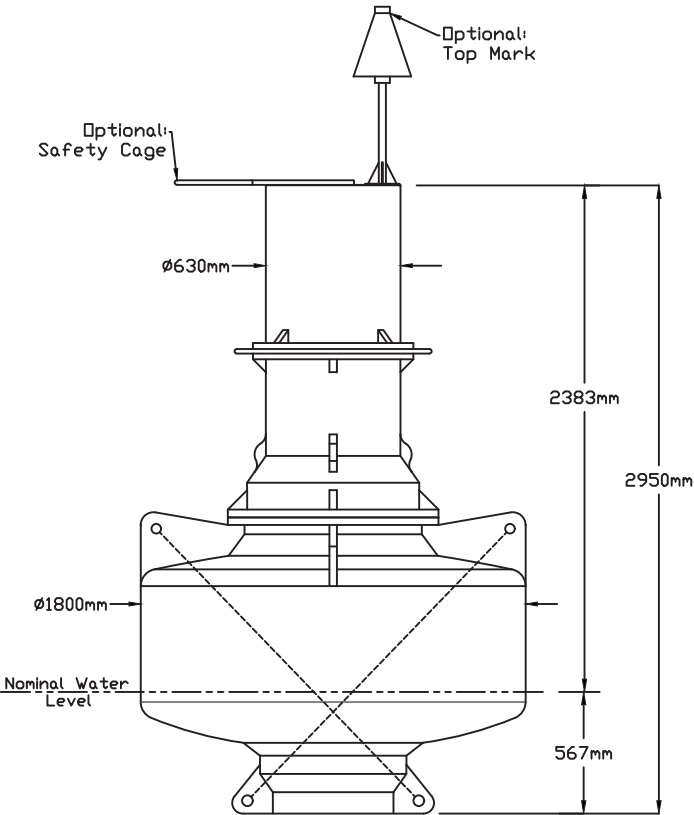
## 1800 mm Navigation Buoy



Tritonbuoys has developed a diverse selection of navigation buoys that adhere to rigorous quality standards and boast a proven track record of reliability. Each buoy is crafted from premium UV-stabilized virgin polyethylene and filled with closed-cell polyurethane to prevent water ingress if the outer layer is damaged. This design ensures exceptional performance and long-lasting durability.

**Product Code: TM 1800**

The Tritonbuoys TM1800 is a highly durable, high-visibility navigational aid suitable for various applications, such as lateral marking, special marking, and cardinal marking. Its internal steel components are made from stainless steel, enhancing both its longevity and strength. The TM1800 is constructed in multiple segments to allow for easy transportation, assembly, servicing and partial replacements where necessary.



General Characteristics	
Diameter	1800 mm
Focal Plane Height	2383 mm
Available Colour	Green, Red, Yellow, White as per IALA recommendations; Customisation Available.
Total Float Volume	2248 L / Excluding top section
Nominal Freeboard	813 mm
Nominal Draft	567 mm
Total Reserve Buoyancy	1750 kg
Operational Buoyancy	890 kg
Maximum Mooring Load	890 kg
Draft, Maximum	900 mm
Freeboard, Minimum	480 mm
Visual/Focal Area	2.195 m^2
Physical Characteristics	
Material	Rotationally- Moulded UV Stabilized Virgin Polyethylene
Wall Thickness	12mm Buoy Section; 7mm Top Section
Ballast (Internal Concrete)	380 kg (Customisable)
Filling	Closed cell Polyurethane (Density > 45kg/m^3)
Total Height	2950 mm
Width	1800 mm
Mass	610 kg (including internal ballast)
Certifications	
IALA	Surface colours compliant to IALA E-108
Quality Assurance	ISO9001:2015
Warranty	3 Years**
IP/Trademark	TRITONBUOYS® is a registered trademark
Options Available	
Marine Lanterns	
Customised Configuration	
Day Marks	
Internal Radar Reflector	
Battery Box	

\* Specifications subject to change or variation without notice  
\*\* Warranty subject to terms & conditions



- Features:**
- Excellent buoyancy and stability.
  - Made from multiple components.
  - Double lifting and mooring eye.
  - Easy assembly and installation.
  - 316-grade tie in bars provide outstanding strength.

