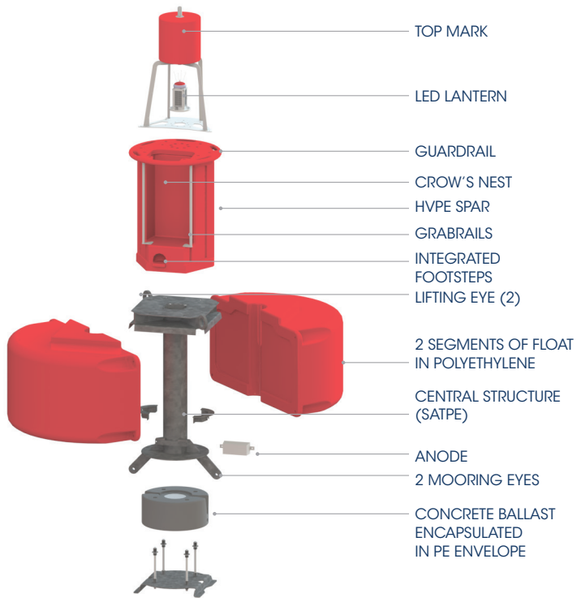
POLYETHYLENE BUOY
GBM-2000

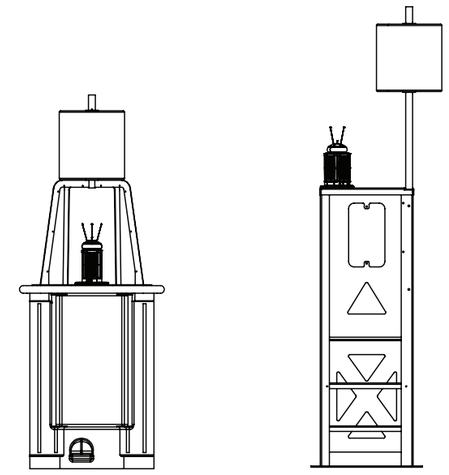
Diameter: 2.0m
Volume: 3.10m³
For semi-exposed & sheltered sites

With its modular design, the GBM-2000 can match various applications. The combination of its 3 main elements is custom-made according to site conditions and client requirements.

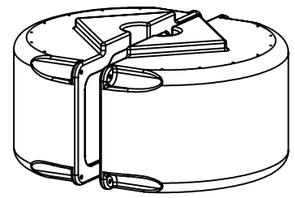
- 2 segments of float in virgin polyethylene, UV stabilised and precompounded to reduce colour ageing, with standard wall thickness 10mm (higher available upon request), and expanded polystyrene (EPS) foaming
- High Visibility Polyethylene (HVPE) or Aluminium (ALU) spar
- Central structure in galvanized steel type standalone tube with concrete ballast directly integrated and encapsulated in a polyethylene envelope (SATPE)



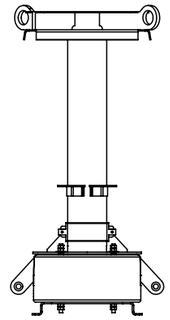
2 types of spar, to offer enhanced visibility and match all focal plane requirements



2m diameter modular float filled with EPS foam



STANDALONE TUBE (SATPE)



the standalone tube enables the buoy standing upright in service yards or vessels

2 TYPES OF SPAR

HVPE (High Visibility PE)
1.3m high

ALUMINIUM
Adjustable from 2 to 3m to comply with focal plane requirements

2.0M DIAMETER FLOAT

3.1m³ volume
Filled with EPS foam

GALVANIZED STEEL CENTRAL STRUCTURE

SATPE: standalone tube with concrete ballast directly integrated in PE envelope

ADDITIONAL CHARACTERISTICS

Reserve buoyancy (m³)
2.2

Focal plane (m)
2.5 to 4.2

Draught (m)
1.2

Overall height (m)
4.6 to 6.4

Ballast (kg)
400

Total weight (kg)
Approx. 980

Visibility (m²)
3.0 to 3.7

Recommended mooring
Ø 25mm open link chain (with 2 mooring points)

Recommended lantern
Self-contained LED lantern or with separate solar generator with range from 2 to 5.5 NM

Specifications subject to change or variation without notice - 2020

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