

the UK's leading supplier of aids to navigation

Mobilis T 1200

1.2m diameter navigation buoy



MOBILIS

The T 1200 is a small/medium sized tailtube buoy with a 1.2m diameter hull. It comes complete with an integral daymark shape containing an internal radar reflector.

The buoy is suitable for use in river and coastal locations and where conditions may be too extreme for a small, skirted buoy. A short galvanised steel tailtube combined with adjustable ballast weights provides a stable platform for a small, self contained solar powered light, while the shaped hull and daymark floats provide a generous amount of buoyancy and a large visible surface area. As with other buoys in the range the floats are rotationally moulded medium density polyethylene (MDPE), which is UV stabilised to retain its colour within IALA guidelines for in excess of 15 years.

The buoys can be lifted from the eye on the top allowing them to be quickly deployed. Mooring is from either the side or bottom of the tailtube.

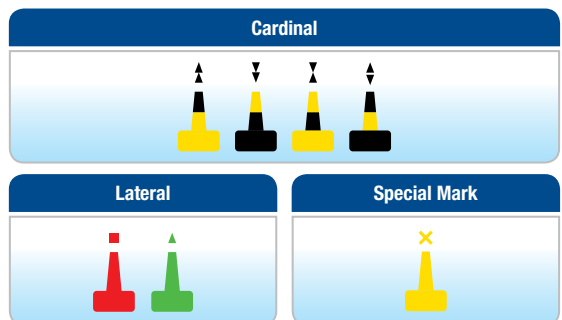
Available with conical, cylindrical and spherical daymark shapes with topmarks available for Cardinal, Lateral and Special Marks.

features:

- Simple, robust construction
- Short tailtube for good stability
- Internal radar reflector
- Easily accessible lifting eye
- Adjustable ballast weights
- UV stabilised MDPE - does not require painting
- Suitable for small solar powered lights
- Easily named
- Cardinal, Lateral and Special Mark configurations



buoy configurations



navigation buoys

Mobilis T 1200

specifications and applications

construction

Central Structure	Galvanised steel
Hull / Daymark	MDPE (2 float sections)
Topmark (optional)	Marine grade aluminium

physical

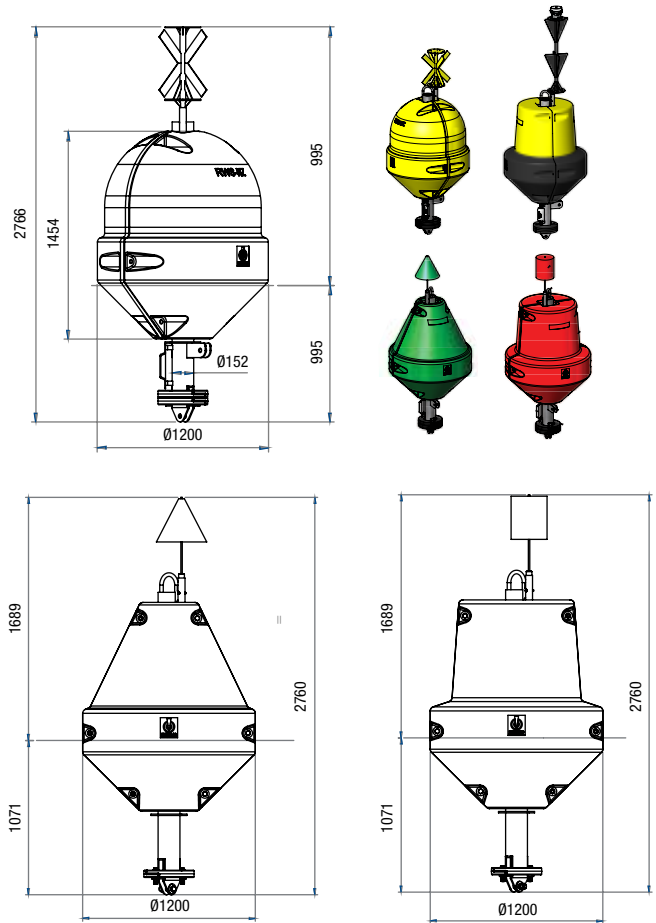
Diameter m	1.2
Mass Kg	100
Max Ballast Kg	50
Max Kg	150
Gross Buoyancy Kg	835
Reserve Buoyancy Kg	610
Focal Plane m	1.5
Draft m	1.1
Overall Height m	2.2 - 2.9

application

Inshore	✓
Estuary	✓
Coastal	✓
Offshore	

mooring

Type	Single Point
Chain mm	10 - 20
Sinker Kg	1000 - 1500



the right buoy for the job

To make sure you get the right buoy for your requirements consider all the factors that will affect the visibility and stability of the mark including: depth of water; sea conditions and current; lighting and range of light required; shape and topmarks; and focal plane.

mooring tips:

The mooring is an integral part of the system that will affect the performance and reliability of the buoy. On problematic locations we recommend a detailed mooring study be carried out to maximise reliability and minimise future maintenance costs.



hydrosphere

about Hydrosphere

Hydrosphere is the UK's leading supplier of aids to navigation and has been providing cost-effective solutions to the marine industry for more than 20 years. We offer a wide range of navigation and mooring buoys, LED navigation lights, sector lights, rotating beacons, leading lights, jetty masts, beach and zone marking products and associated moorings. Rental, installation and maintenance services are also available for all our products and systems.

For more information please contact us.

data buoy platforms | moorings | navigation buoys | navigation lights | mooring buoys | installation

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Compliant with all IALA recommendations.

