# Port Buoy

VPU400

SeaHow® by Arctia

## Conspicuity and quality for competitive price

Port Buoy VPU400 is ideal marker buoy for short to medium range with competitive price-quality ratio. It provides conspicuity that is adequate to many locations in ports and coastal areas.

VPU400 is deployed in conventional way by using sinker and slack chain. The high performance radar reflector inside, effective retro-reflector and bright colors make it easy to detect.

The buoy has optimal features to be used in Ports. Possible collisions with vessels will not damage either. This is due to hit-tolerant elastic body and relatively light weight of the buoy.

The buoy can be equipped with any lantern with less than 4 kg in weight.

## Area of use

Ports and Marinas
Fish and Wind farms
Inland waterways
Traffic sign floats

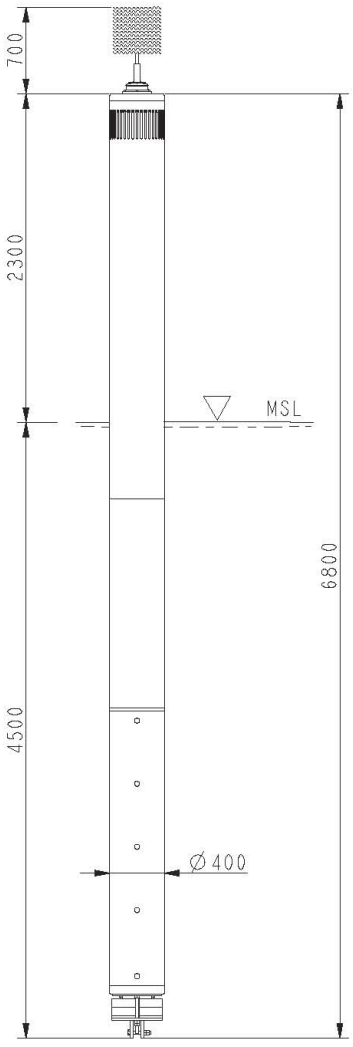
# Port Buoy
## VPU400

## Specifications

*) can be adjusted according to customer needs

| | | | |
|---|---|---|---|
| Overall length *) | 6.8 m | Retro-reflector | 330 cm² (3M diamond) |
| Diameter | 400 mm | Radar reflector | Trihedral TH400 |
| Draft *) | 4.5 m | Radar cross area RCS | 3.4 m² (X-band) |
| Wall thickness | 15 mm | Surface color | IALA-E108 |
| Polyethylene material | HD 100 extruded pipe | Color and UV stability | 26 years (lat. 50) on main surfaces |
| Polystyrene filling | EPS 150 closed shell | Mooring sinker weight | 6 - 8 ton |
| Dry weight without ballast | 212 kg | Maximum current *) | 2 kn |
| Required ballast weight *) | 150 kg | Maximum wave height | 3 m (significant) |
| Buoyancy at MSL | 362 kg | Lantern *) | Sabik as default |
| Focal plane at MSL *) | 2.3 m | Battery capacity | 220 Ah |
| Nautical conspicuity | 2 NM | Top Mark | Optional |

We can customize the buoys for your needs

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