

Polyethylene Buoys

For cost-efficiency



Cost-saving and maintenance-free AtoN

Conventional steel buoys are relics from 19th century, from the times before internet and e-Navigation.

Handling and deployment of steel buoys require heavy and expensive (to use) buoy tender vessel.

Benefits of PE-buoys over steel buoys

- Buoy tender vessel is not needed: The buoy itself and the mooring are significantly lighter compared to steel buoy.
- Sinker and chain are lighter: Slim spar-shaped buoy with bigger draft is exposed to smaller drag force caused by the waves.
- Less maintenance is required: The motions of a spar-shaped buoy are restful resulting less wear and tear of the mooring.
- Life span is longer: Polyethylene does not corrode, the color stability is tested to last for 20-30 years.

1930



2018



Maybe it is time for rethinking?

Spars and buoys since 1976



Polyethylene Buoys



SeaHow provides solutions

SeaHow's adaptative production process enables easy customization of the buoys. We can provide our Customers with the solution that fulfill their needs in the most efficient way.

Buoys can be equipped with any lantern, device or power source according to the customer specifications. As default the buoys have high performance radar reflector inside the buoy and retro-reflectors.

SeaHow's Smart Buoy concept combines the robust polyethylene buoy with monitoring sensors and mobile data transmission to collect real-time oceanographic data from the sea, on-line 24/7.

Most common SeaHow buoy types

Buoy type	Dry weight (kg)	Focal Plane (m)	Draft (m)	Diameter (mm)
Offshore Buoy VPU800	1080	4.0	6.5	800
Coastal Buoy VPU500	350	2.6	4.8	500
Coastal Buoy VPU500/800	410	2.5	3.0	500/800
Port Buoy VPU400	212	2.3	4.5	400
Marine Spar EJV225	67	2.5	4.6	225
Boating Spar VEP160/225	36	2.0	1.4	160/225
River Buoy VPC400/800	200	2.0	1.5	400/800
Ice Buoy Maxi PV800	1192	4.0	6.2	800
Ice Buoy Medium SV500	754	3.5	6.6	500



We can customize the buoys for your needs.

Experience and expertise

Polyethylene spar buoys have been produced and used in Finland since 1976. Even today 30.000 units of SeaHow polyethylene buoys of different type are in use year-round, including winter time.

The buoys meet all the recommendations set by the IALA. The buoys are made of High Density HD100 extruded polyethylene pipe that makes them significantly stronger than rotation moulded buoys.

Highly experienced personnel, the latest machinery and constant development together with ISO certified production guarantee high quality products for the benefit of our customers.

