Future potential for Inland Waterways - INFUTURE

WP2: Fairway technologies

Pilot project in lake Saimaa

Ice Buoy test on the Volgo-Balt waterway

Round Table, 29.10.2020

Seppo Virtanen

CBC 2014-2020
SOUTH-EAST FINLAND - RUSSIA

Funded by the European Union,
the Russian Federation and
the Republic of Finland.

SeaHow® by Arctia

Polyethylene spar buoys are made in Finland since 1974
Even today over 27.000 buoys are in year-round service
Specifications comply with all IALA guidelines
Color stability is tested to last for decades

SeaHow®
by Arctia

ARCTIA

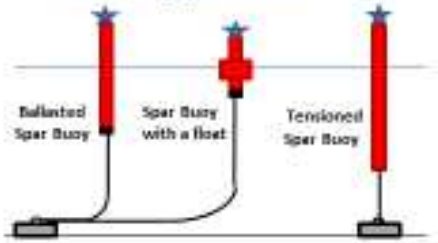
SeaHow Navigation Buoys and Smart Solutions

Complete product portfolio for all buoying needs

Offshore Buoy

Smart Buoy concept

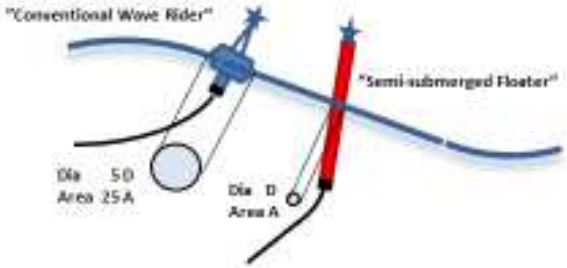
New approach



Coastal Buoy

Ice Buoy

Better performance



Port Buoy

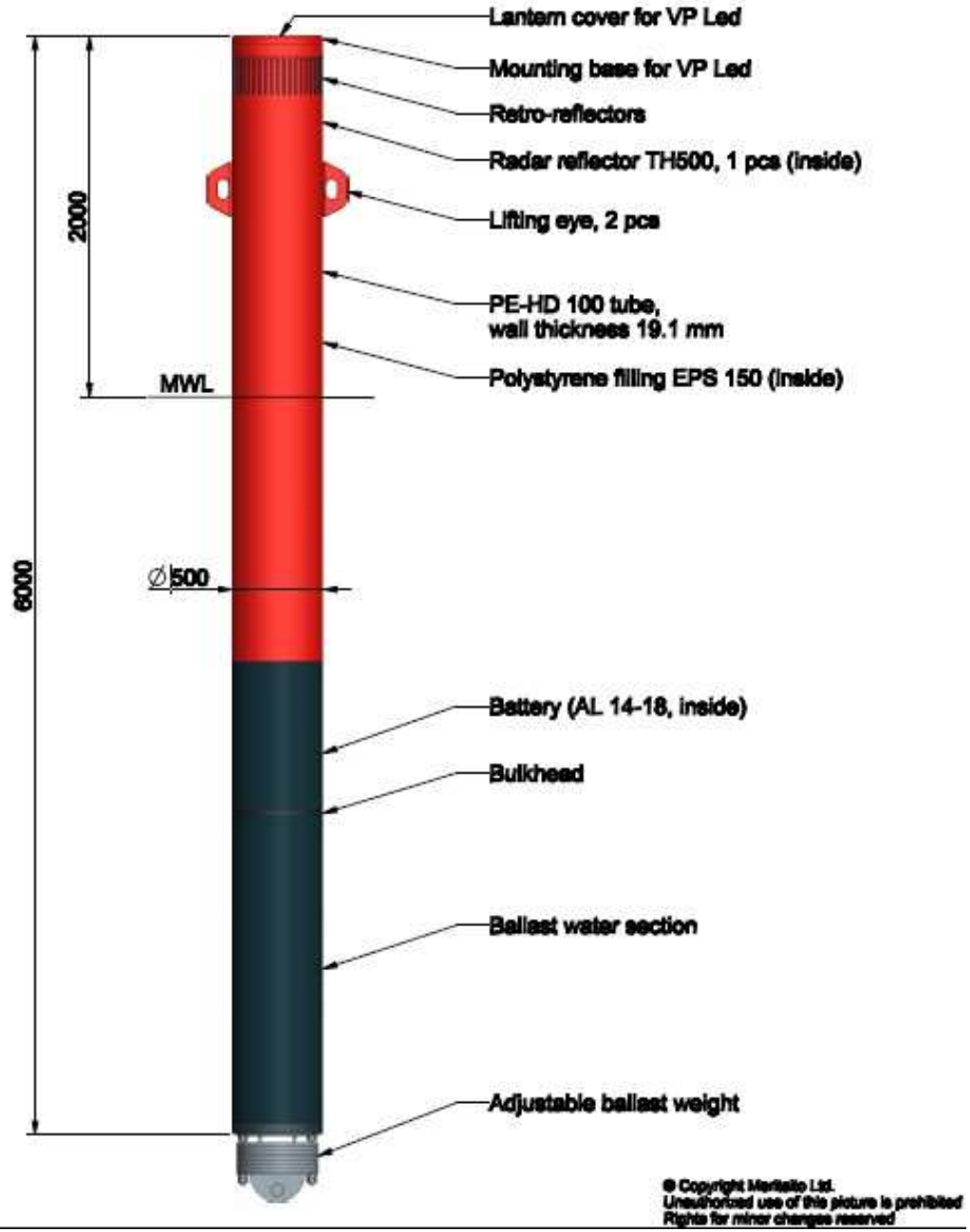
River Buoy

- ✓ *Customized options*
- ✓ *Cost-effective solution*
- ✓ *Robust structure*
- ✓ *Superior expertise*

SeaHow® by Arctia

Testing of two buoys in the Volgo-Balt waterway

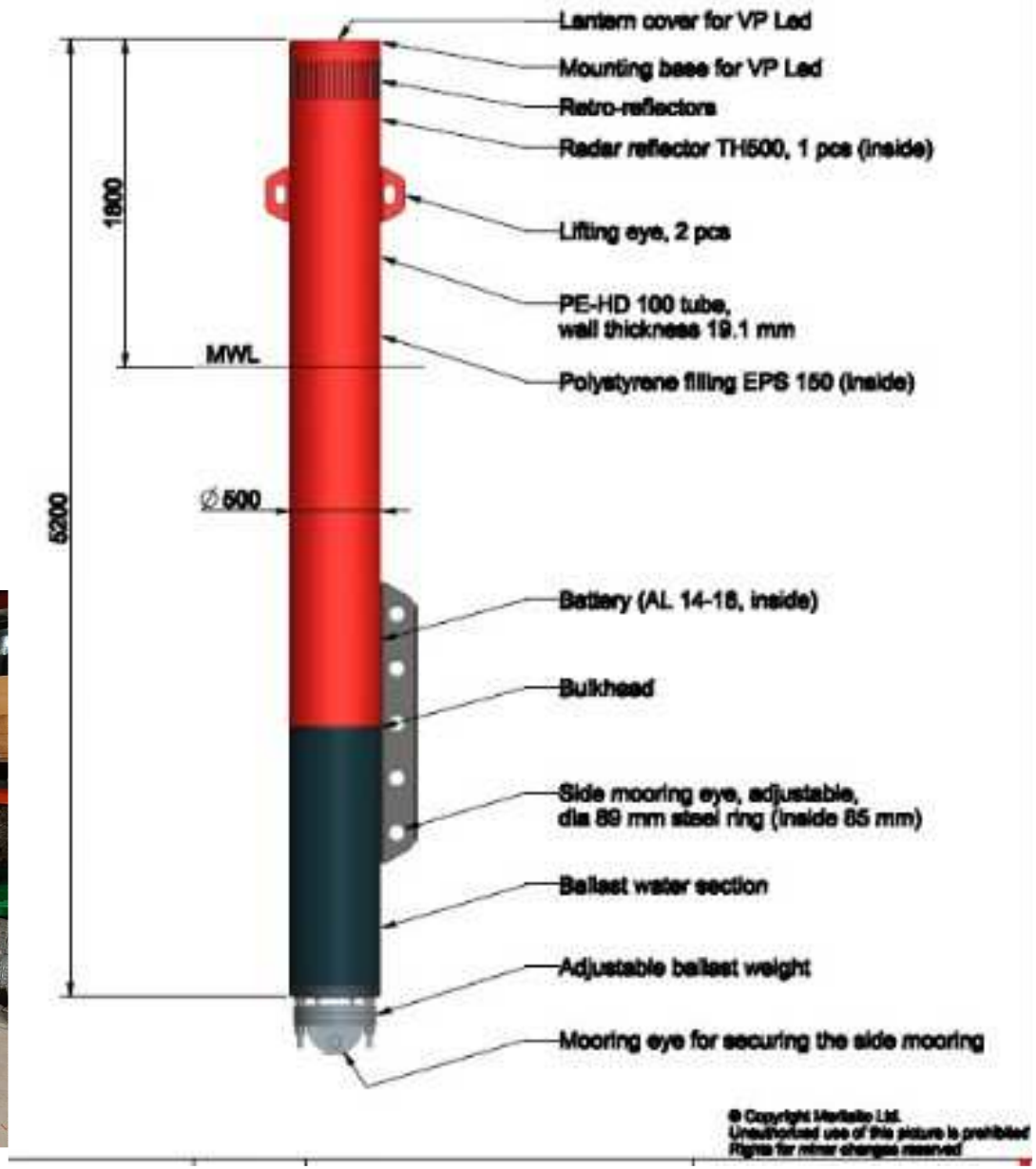
VPU500 – 6.0 at Lake Ladoga



SeaHow® by Arctia

Testing of two buoys in the Volgo-Balt waterway

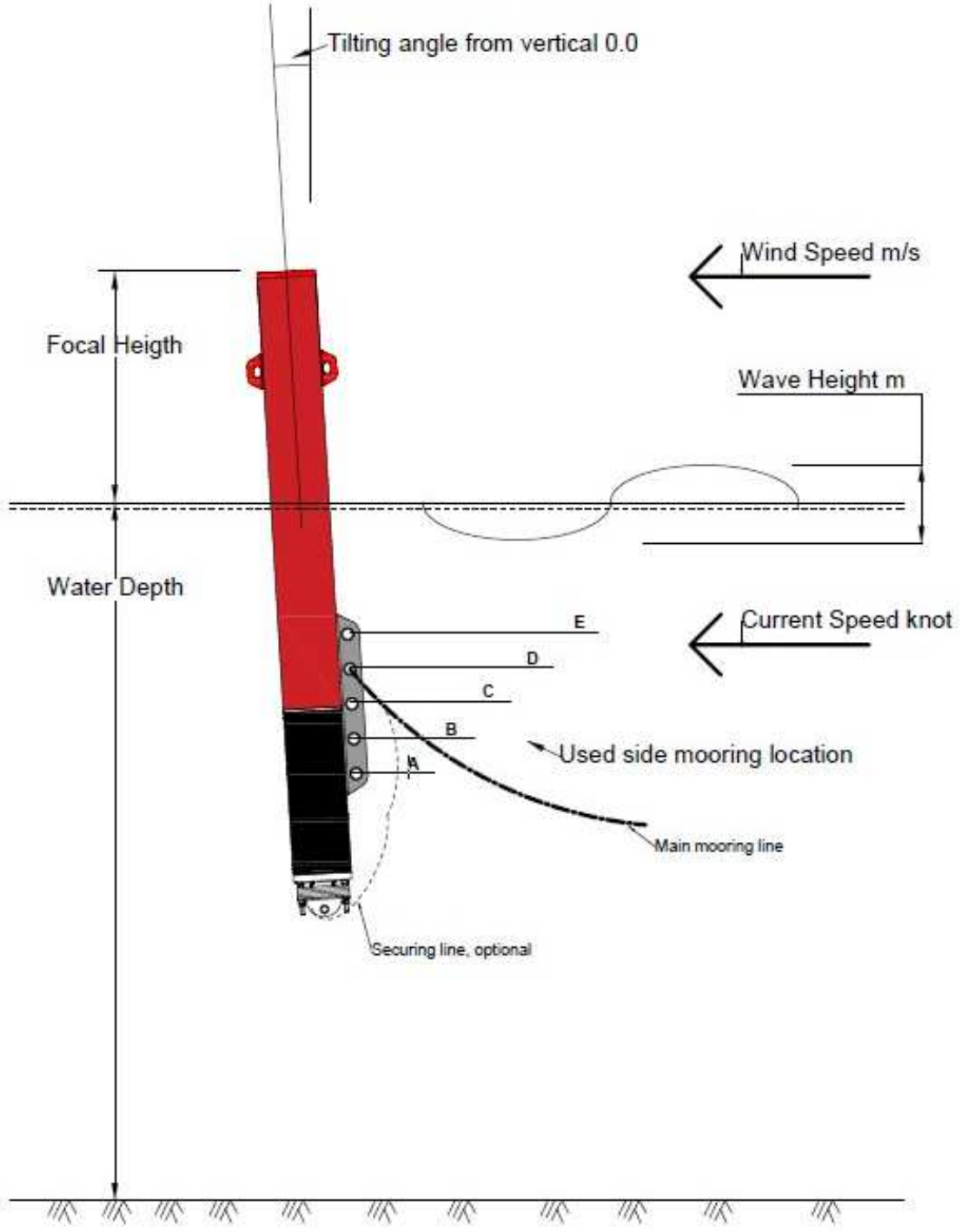
VPUC500 – 5.2 at River Neva



SeaHow® by Arctia

IN-SITU measurements of the buoys is done by Makarov University

- **Tilting angle & direction**
- **Current Speed**
- **Focal Heigth**
- **Wind Speed and direction**
- **Wave Heigth**



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Thank You

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www.arctia.fi/en

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