



## The Sailbuoy

The Sailbuoy is a configurable Unmanned Ocean Vessel designed to support a wide variety of instrumentation payloads. It can keep station or travel from point to point. Data is transmitted to and from shore in real time via satellite.

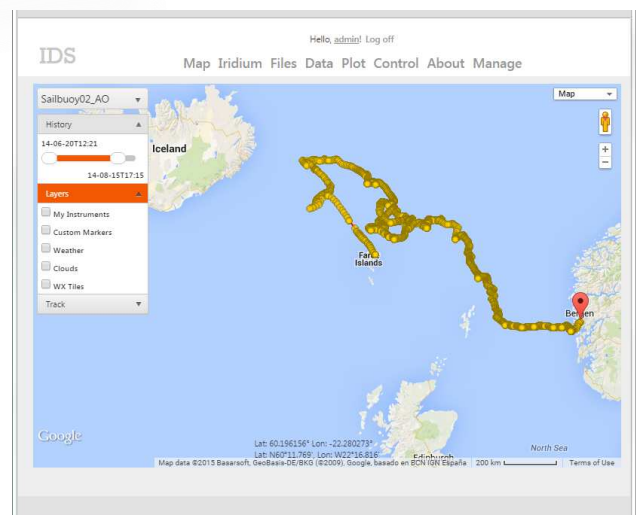
### Key Features

- 12 months operational endurance
- Designed for severe conditions
- Low operational costs
- True autonomous operation, calculates own route towards waypoints
- Real-time data
- Low power design
- Lightweight (60 kg – easily handled by two people)
- User friendly (both deployment and control)
- Low visual signature
- 15 kg payload

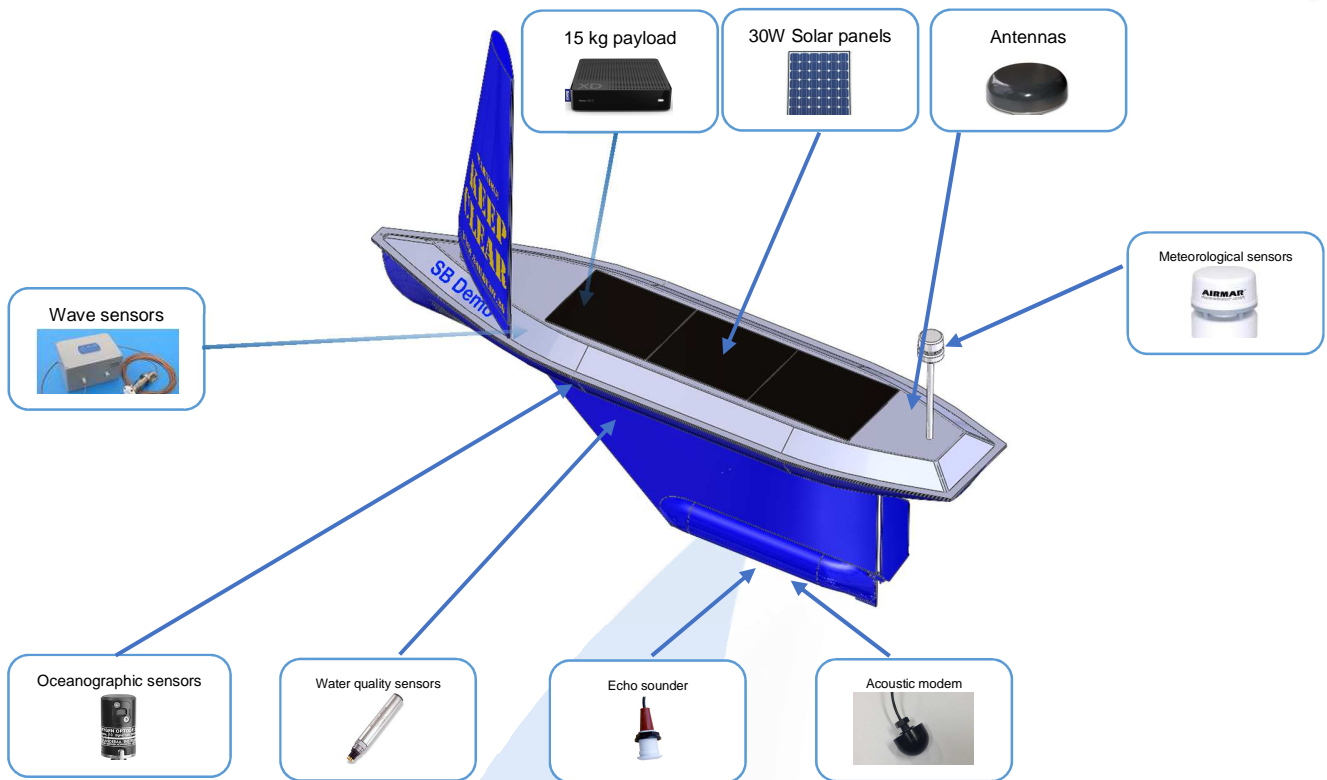


### Applications

- Meteorological and oceanographic data
- Wave measurement
- Data link, acoustic to radio link. Gateway
- Water quality surveys
- Oil spill detection
- Algae tracking



# Offshore Sensing AS



## Technical Specifications

Physical	
Length (LOA)	2 m
Beam	0.52 m
Height	1.13 m
Draft	0.57 m
Displacement	60 kg (including payload)
Payload weight	15 kg
Propulsion	Wind
Operation	
Operational time	12 months
Speed	1-2 knots (maximum 4 knots)
Navigable wind speed	3-30 m/s
Navigable wave height	8+ m
Control	Cloud based web browser control for commands and data
Electrical	
Solar power	30W
Autopilot Communication	Iridium SBD
Payload Communication	Iridium, GSM, VHF
Payload power	400 Wh rechargeable Li-Ion batteries

Offshore sensing AS is dedicated to the production, design and sales of the Sailbuoy. Offshore Sensing AS is based in Bergen, Norway  
 Contact [info@sailbuoy.no](mailto:info@sailbuoy.no) or visit Offshore Sensing AS, Fantoftvegen 38, 5072 Bergen, Norway