



Wind Ocean Environment

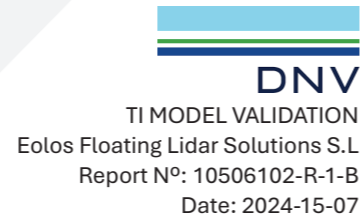
EOLOS Floating Lidar Solutions offers a cost-effective, accurate and highly reliable integrated wind met ocean and environmental measuring system for offshore applications.

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Wind measurements

- Stage 3 certified fleet of buoys powered by renewable energy
- Validations performed across global locations including Europe, USA, Japan and South Korea
- ZX Lidar technology
- DNV validated turbulence intensity correction
- Deployment experience down to 1km depths



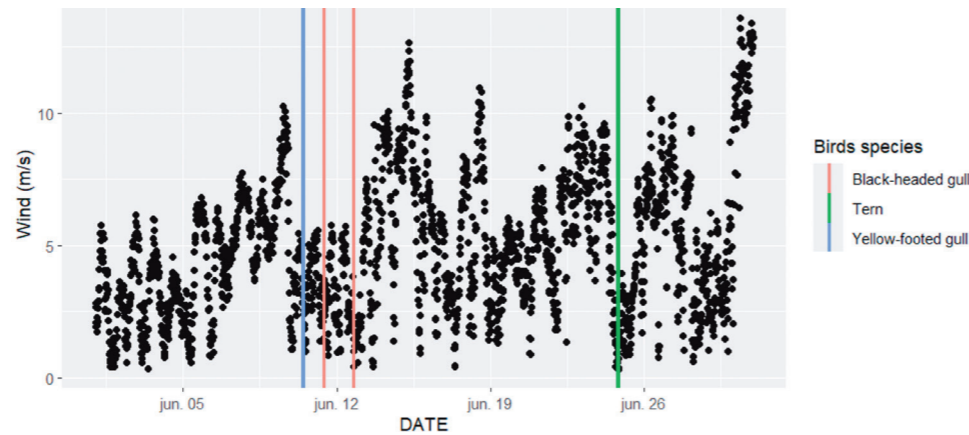
Ocean measurements



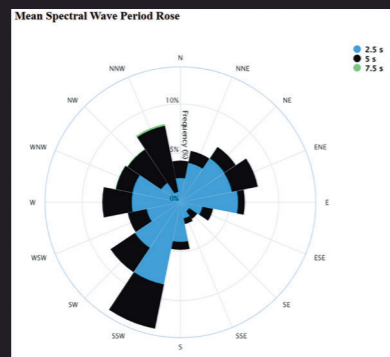
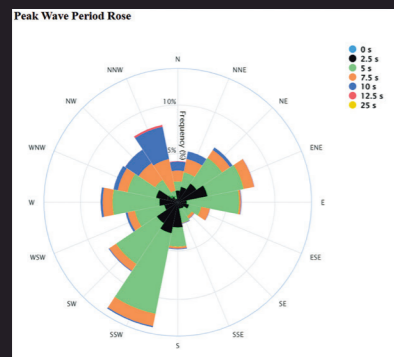
- Integrated wave and current sensors
- Validated data sets replacing the need for separate metocean equipment
- Current measuring down to 1km, configured by Nortek Signature devices
- Additional sea-bed mounted capabilities when required

Environmental monitoring

- Acoustic recording of birds and bats
- Hydrophone recording of fish and mammals, including nanotag registering
- Water quality observations
- Material sampling with marine growth and corrosion logging



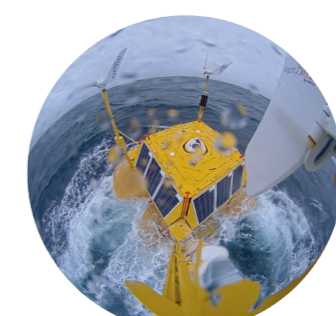
Digital portal for analytics



- Consolidated, single-source mapping of all logged data
- Interactive, comparative and analytical tools
- Statistical outputs and data science applications

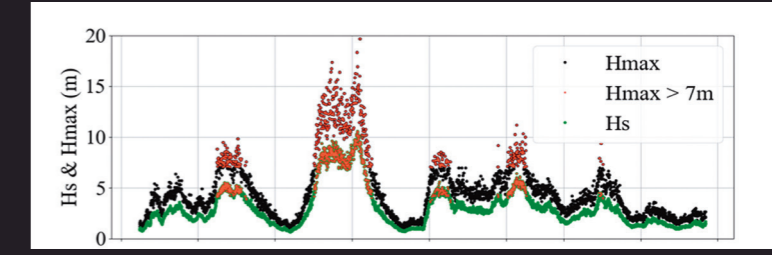
Top-class reliability and availability

- **STAGE-3 Certified**
- 3rd party validated uncertainty level at **2-4%**
- Global operations and partners in USA, LATAM, Europe and Asia
- Over **1.000** accumulated months of campaigns



On-board camera provides real-time insights into site conditions. Image captured during typhoon Hinnamor (South Korea, Sept 2022)

Waves over 20m experienced with no campaign disruption



Proven low-temperature capabilities and data loss mitigation



EOLOS is a company incorporating the highest standards of Quality, Environment, and Health and Safety assurance evidenced by certification, for the design, production, operation and maintenance of their FLS200 meteorological and oceanographic measurement buoys.



Wind measurements up to 300m above sea-level

Water quality

Wildlife monitoring

Metocean measurements through the water column

Birds and bats recording