

TURN-KEY DATA BUOY SYSTEM

ROBUST, RELIABLE, COST EFFICIENT, COMPLETE TURN-KEY DATA BUOY SYSTEMS AND BUOY MANAGEMENT

Ocean Origo offers, in cooperation with Navigationsteknik AB, complete turn-key data buoy systems according to customers specification. We supply rugged reliable data buoys for open oceans, coastal zone, near-shore, fjords, harbours, universities, authorities, mussel farms, oil companies and more. Buoys that deliver near-real-time data of salinity, temperature, current, waves, wind, GPS, oxygen, air pressure and many other parameters. Customer selects sensor suite - Ocean Origo may assist in the choice. Thanks to the flexibility, small size and portability of SeaMoose – the electronic key unit - we can use the same basic concept for all sorts and sizes of data buoys. SeaMoose's field-swappable character allows for rational and rapid field service also from small vessels, a key parameter for achieving low running costs in many applications.



In cooperation with Navigationsteknik, Ocean Origo offers fully equipped data buoys ready for deployment including all necessary components like battery bank, solar panels, nautical equipment, GPS alarm, etc. We also offer complete mooring solutions and mooring components including SeaFlex system for minimizing mechanical mooring stress and customized www-interface. Finally, we also offer installation, service, surveillance and management of buoy systems. In short – we can do it all.



- *For open ocean, coastal, near-shore, fjords, lakes, etc.*
- *For harbours, universities, authorities, mussel farms, oil companies, etc.*
- *“Near-real-time” data transmission and re-configuration. Data accessible directly on PC.*
- *100 % internal data backup.*
- *Strong, rugged, non-corroding buoys for long term operation and minimum maintenance.*
- *Fully equipped, with or without solar panels*
- *Easy to clean (with water sprayer)*

- *Measures salinity, temperature, oxygen, current, GPS, wind, waves, chlorophyll, air pressure and much more according to customer's choice.*
- *Buoys of various sizes from sub-meter diameter to several m diameter.*
- *Options: Mooring components. Buoy installed on site. Buoy management.*

Ocean Origo for oceanographic instrumentation and consulting