

DataFish® - Metocean Survey Buoy

North
Sea Systems



DataFish® is North Sea System's metocean survey buoy for unforgiving marine environments. By providing real time data and undertaking long duration, multi-application surveys, the system reduces the risk and cost of metocean data collection. DataFish® is the only system able to provide real time data from tidal energy sites.

Key benefits:

- Customisable, multi-instrument platform
- Real-time data transmission
- ADCP flow monitoring
- Acoustic monitoring
- Wind & atmospheric data
- Wave measurements
- Surface & subsea video images
- GPS locator
- On-board power generation



High Quality Survey Systems for Extreme Marine Environments

CUSTOMISABLE PLATFORM

Using mountings on the anchor and mooring, instrumentation can be positioned at any depth allowing a range of metocean data to be collected. These instruments include:

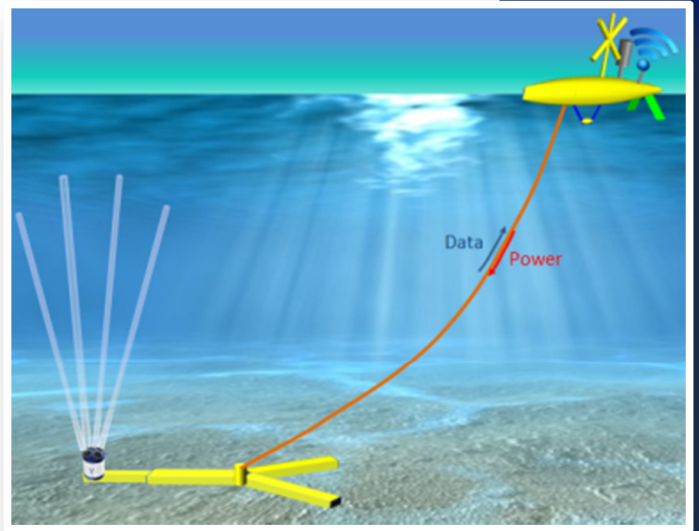
- ADCP – to measure flow profiles.
- Heave sensor – to provide wave heights.
- GPS – to provide location data.
- Hydrophone – to measure subsea acoustics & PAM.
- Cameras – to provide live images.

ACOUSTIC MONITORING

DataFish[®] can be configured for acoustic monitoring, enabling developers to assess the acoustic output of marine turbines, vessel noise and marine mammal presence. This capability supports consenting for renewable projects and enables works to be optimised to the environment.

SAFELY & ACCURATELY DEPLOYED

Lost equipment, failed deployments and poor quality data in highly energetic environments is a common concern for developers in the marine energy industry. *DataFish*[®] is designed to overcome these challenges.



North Sea Systems is the only company in the UK dedicated to developing and operating survey systems for high-flow environments. We provide premium quality survey information from these highly kinetic environments.

North Sea Systems offers a turn-key solution for metocean survey requirements in support of the offshore renewables industry. Our industry expertise and in-house engineering capability is unparalleled, combining many years of project management with in-depth knowledge of the marine energy sector.

North Sea Systems

Contact us

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