

Company Overview

TechWorks Marine - European leaders in robust, reliable and secure marine data.

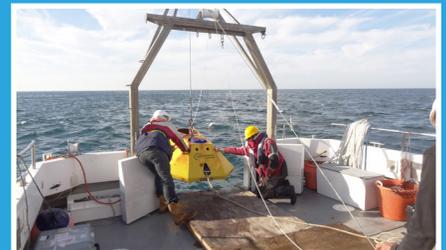
Founded in 2002, we are acknowledged experts in real-time marine monitoring data networks. We offer marine data solutions to a broad range of clients, providing systems on a sale or lease option depending on their specific requirements.

Core to our robust, reliable and secure marine data systems are our TMBB command and control system and CoastEye, our web-based data portal. These allow you to manage your marine assets remotely, transmitting the data for you to visualise and analyse. Many different data streams can be integrated to CoastEye, including Earth Observation and model data.

Our consistent delivery of world-class solutions over the last 15 years make us the go-to providers for metocean surveys, whether stand-alone or as part of a network. TechWorks Marine represents a number of leading international oceanographic sensor suppliers. These include Nortek, Seabird Scientific, Pro-Oceanus, McLane, VideoRay and Xeos.

Areas of Expertise Include:

- Real-time Data Buoys
TMBB Command and Control System, Buoy integration, Buoy networks
- Marine Data Acquisition Services
Equipment installations, Bathymetric, Environmental and Metocean surveys
- CoastEye
Web-based Data Portal and Buoy Management
- Monitoring Equipment Resources
Equipment leasing, International Agencies
- Earth Observation and Modelling
Global, regional and local hindcast, water quality EO services



Company Overview

SmartBay Galway, Ireland

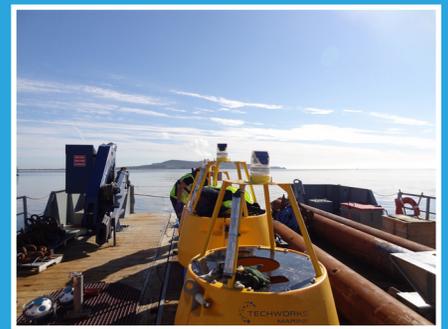
SmartBay Galway is a national research infrastructure project. It comprises of a network of buoys, seafloor cabled observatory and other related infrastructure, supporting a range of sensors, information systems, telemetry and other communication technologies. TechWorks Marine provided and installed the Smart Bay buoys to the Irish Marine Institute, and offer on-going technical support to the project. This buoy network is based on the TMBB Command and Control System, integrating a comprehensive range of metocean sensors and instrumentation and transmitting data in real-time via GSM telemetry.

SMHI (Swedish Meteorological & Hydrographic Office), Sweden

TechWorks Marine were awarded a contract to deliver eight marine data buoys to SMHI and their Swedish and Norwegian partners. Eight metocean data buoys were deployed in 2013-2014 around the Swedish and Norwegian coastline. Data being collected includes current profiles, water quality (C, T, DO, NTU, Chl., CDOM) and meteorological data. The data is sent to SMHI via 4G with Iridium backup to our secure CoastEye data portal. TechWorks Marine has a service level agreement in place with SMHI until 2020.

Dublin Port, Ireland

TechWorks Marine were awarded a contract to provide a data buoy Network consisting of four real-time data buoys to Dublin Port, as part of the Alexandra Basin Redevelopment project to ensure compliance with their EPA Dumping at Sea license. The data buoys have been leased to Dublin Port for a period of four years up to 2021. Data will be sent in real-time via 4G and Iridium and will be accessible via our CoastEye Data Portal.



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