

Customer
Case Study

Delivering tide and weather data to harbour users at Cowes (IOW)

Cowes Harbour Commission (CHC) and **OceanWise** Ltd. completed a community project to install two environmental monitoring stations on the River Medina to provide harbour users with tide and weather data allowing commercial and leisure vessels to make timely safety related navigational decisions.

“The new Weather Station is designed to help us continue to operate safely ... it will also enable us to monitor and manage key environmental data, for the harbour.”

Ed Walker, Harbour Master at CHC



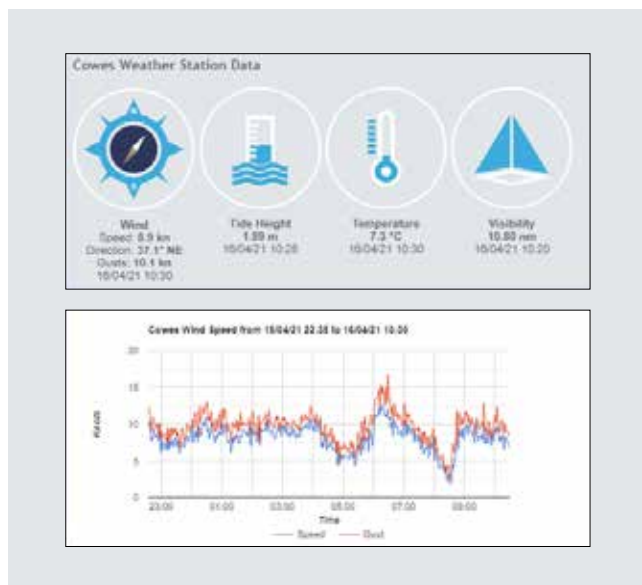
The project file

“Robust and integrated marine data management systems are helping our customers to improve safety, respond to changing weather patterns, and enhance decision-making”

Mark Jonas, Technical Director at OceanWise Ltd

Cowes Harbour Commission and **OceanWise** Ltd completed a project which saw the installation of two weather stations. The first is a fixed weather station at Shepards Marina, providing tide height and visibility information. The second is an innovative floating weather station in the main harbour providing information on harbour wind speed and direction, temperature, and barometric pressure. The tide and weather sensors feed data to the online Cowes Weather Station @ cowesharbourcommission.co.uk/cowes_weather_station

A range of monitoring instruments were used for the project including the Valeport Tide Gauge and Biral Visibility Sensor. Data from all the sensors is collected and transmitted using an **OceanWise** smart telemetry modem and the popular data management and display system, **Port-Log**, which is used by Cowes Pilots, commercial vessels, leisure users and publicised online.



Data screens from the Cowes Weather Station

“As a trust port, we work to ensure navigational safety remains a top priority in the harbour. The Cowes Weather Station is our latest Stakeholder Benefit project designed to help CHC, the leisure and commercial stakeholders continue to operate safely. Delivered with **OceanWise’s** expertise in marine data, it will also enable CHC to monitor and manage key environmental data for the harbour. Ed Walker, Cowes Harbour Master.

“CHC has not only taken a proactive approach to their monitoring requirements but are innovating and thinking ‘outside the box’ to seek out the best solutions to support their operations.”

Mark Jonas, Technical Director at OceanWise Ltd.

About OceanWise

OceanWise Ltd is an independent company specialising in all aspects of marine environmental data acquisition, data and knowledge management and GIS providing customers with comprehensive and cost effective end-to-end marine and coastal data management and decision support. For more information about **Port-Log** or **OceanWise**, please contact our team on: