

Tide and Meteorological Monitoring System for Ports in The Wash



UK-based OceanWise, in collaboration with Valeport, has been awarded a contract to deliver a Tidal and Meteorological Monitoring, Telemetry and Display System (TMMTDS) to the ports of Boston, King's Lynn Conservancy Board and Nene Ports. The TMMTDS includes three water-level and weather monitoring stations in the estuary, plus a data feed from a monitoring station operated by the UK Environment Agency.

Water-level monitoring equipment for the project is being supplied by Valeport using the VRS20 radar sensor, and Gill Instruments weather sensors. GSM telemetry equipment provides bi-directional control of the outstations. System design, integration and all control, database and publishing hardware and software is being provided by OceanWise. The project is funded by Centrica in support of their maritime operations in the area but is

expected significant wider benefits as the data is being made available to the ports and publicly.

The system complements OceanWise's expertise and experience in delivering maritime information infrastructure projects and builds on work that OceanWise is undertaking for other UK ports. The aim is to ensure that environmental and operational data, critical to port operations and compliance, is reliably and easily accessible to all port personnel and wider stakeholders that require it. These projects are realising benefits and are gaining interest from ports and other maritime organisations within the UK and overseas.

Image: King's Lynn access ramp on the River Ouse. Image courtesy: Elliott Brown (via Flickr).