

New Tide and Weather Systems for all ABP South Wales Ports



Associated British Ports (ABP) South Wales has chosen OceanWise to supply, install and maintain new tide and weather systems across its five South Wales ports: Cardiff, Port Talbot, Newport, Barry and Swansea. ABP is a leading UK port operator that owns and operates a network of 21 ports across England, Scotland and Wales. As a leading operator, they are “backed by investment in modern facilities and equipment” that is “designed to respond to the needs of the customers whose businesses rely on our ports for access to international and, in some cases, domestic markets.”

After conducting site surveys at each of the ports, [OceanWise](#) was able to assess the systems and sensors already in place and advise what equipment could be kept and what needed replacing.

Caroline Levey, operations director at OceanWise, said “Access to reliable, real-time environmental data is now essential for busy ports who need this data to make important operational decisions. Timing and safety are critical and so the telemetry (the collection and transmission of data) and the display of data, needs to be consistently available, easily accessible and reliable.”

Port-Log platform

The OceanWise system uses specially developed telemetry which has been tested and proven in often-harsh marine environments. The data from the tide and weather sensors is displayed via the cloud-based publishing platform Port-Log, which stores, disseminates and shares the environmental data.

The five [ABP South Wales ports](#) all now have access to their live tidal and weather data via PortLog on a 24/7 basis, as well as historical data for long-term analysis (which also enables more accurate predictions). By upgrading the sensors and moving to Port-Log, which is specially designed for marine operations, the ports will benefit from improved visibility and access to their data which should help improve efficiency.

<https://www.hydro-international.com/content/news/new-tide-and-weather-systems-for-all-abp-south-wales-ports>
