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Let's Solve Water

First MOTUS Buoy deployed in North Africa

NEWSFLASH

The first MOTUS Buoy in Morocco, North Africa has been installed outside port Asilah to monitor Ocean Waves.

Located in the northwest part of Morocco, around 40 km south of Tangier and 30 km north of Larache, in the province Tangier-Asilah, is Port Asilah, mainly used for traditional fishing vessels and recreational boating.

The port is challenging to enter due to the port entrance's shape and the waves in the area. Monitoring the waves and displaying the result in real-time will make it safer for the fishing vessels to enter the port. The MOTUS Buoy is installed 2,5 km from the port entrance.

The Client:

The order was won by Societe Radio Electronique Maritime (SOREMAR Group); our representative of Motus Wave Buoys in Morocco. This first Data Buoy is now used by the construction company, Societe Generale des Travaux du Maroc (SGTM), for their operations to expand the existing Jetty, which will change the shape of the Port entrance at the Asilah Port to increase the safety navigation and maneuvering of the vessels. The Bouy will be transfered to the Agence Nationale des Ports (ANP) to be used for their daily navigation operations after completion of the expansion of the jetty.

System configuration:

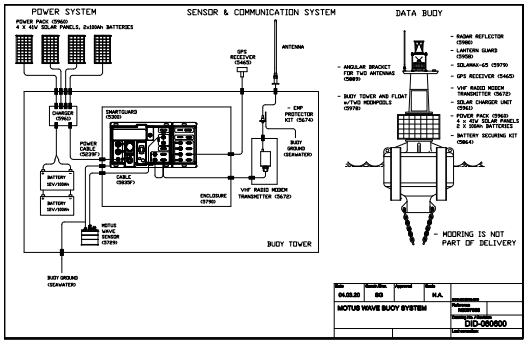
The **MOTUS Wave Buoy** is a well-tested solution for measuring directional waves in real-time/ near-real-time applications. The solution consists of the Xylem DB1750 Buoy, the Aanderaa **MOTUS Wave Sensor** for measuring wave height, period, and direction, the Aanderaa **SmartGuard** datalogger, and a VHF radio set for sending the data from the buoy to land where the data is made available with the Aanderaa **GeoView** display solution. The installed Buoy is an upgradeable system with capability to add Aanderaa and 3rd Party sensors like Doppler Current Profiler, Water Quality and Met Sensors.

Result:

The MOTUS Wave Buoy installed in Port Asilah makes navigation and construction in the port safer by providing real-time data to the users in the area.

Xylem`s Regional Sales Manager for Africa Lahoucine Bengara with the buoy for Port Asilah before deployment

MOTUS Buoy ready for installation in Port Asilah



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