iXblue Conducts toFuture Groix & Belle-ÃŽle Pilot Wind Farm Geophysical Survey



iXblue's Sea Operations division has been selected by EOLFI, the "Ferme Eolienne Flottante de Groix & Belle-Île" delegated project contractor, to conduct the geophysical survey of the future Groix & Belle-Île pilot wind farm located in the South of Brittany, off the West coast of France. The survey, that began earlier this week, will last for about five days and will be conducted by a dedicated crew of 5 Renewable Energy (MPE) bydrographic

iXblue hydrographic surveyors and geophysicist engineers onboard the company's own Marine Renewable Energy (MRE) hydrographic research vessel, FeliX.

"Our vessel has been designed and manufactured by our own shipyard and survey division, which means it has been specifically tailored for the particular requirements of MRE operations," explains Simon Ichstchenko, Survey Business Developer at iXblue, a company specializing in the design and manufacturing of advanced autonomous, marine and photonics technologies.

High Resolution Bathymetry

For this particular survey, and in order to precisely measure and characterize the site of the future Groix & Belle-Île pilot wind farm, iXblue is thus using an MBES for high resolution bathymetry, a towed side-scan-sonar for seafloor nature identification, a magnetometer for object detection, a sparker for sediment thickness, as well as iXblue's own sub-bottom profilers, the Echoes 3500 and 10 000, and Gaps pre-calibrated USBL system to get precise positioning of the collected data from towed sensors.

Elix Magnetometer

Details: eoliennes-groix-belle-ile.com

https://www.hydro-international.com/content/news/ixblue-conducts-tofuture-groix-belle-ile-pilot-wind-farm-geophysical-survey