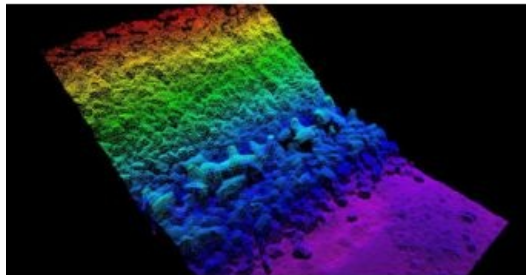


Underwater Sonar for Breakwater System



RESON is providing a SeaBat 7125 sonar system for a new breakwater mapping system GEOSUB 3DTM developed by the company MESURIS in France. It is a high-resolution 3D real-time bathymetric and topographic system designed to provide marine engineering data both above and below the water's surface, deployable either from a land or barge crane.

MESURIS decided to use RESON's SeaBat 7125 as the sonar for the GEOSUB 3DTM system because it combines beam density, high ping rates and extremely high-resolution data which is required to optimise underwater work. Also, it reduces work duration with cost effectiveness and quality. The unique aspect about the GEOSUB 3DTM system is that it does not require a dedicated survey vessel. The instrumented frame is suspended

at crane hook and is deployed into the water a few minutes every time it is necessary to evaluate the work progress.

In January, the GEOSUB 3DTM system will be used for the first time in a project involving hydraulic rock excavation at a nuclear plant in France. MESURIS has so far bought five SeaBat 7125 from RESON and plans to invest in more in the future.

<https://www.hydro-international.com/content/news/underwater-sonar-for-breakwater-system>
