

# Sonar Aid in Chilean Chart Production

Servicio Hidrografico y Oceanografico de la Armada de Chile (The Chilean Navy Hydrographic and Oceanographic Service, or SHOA) has taken delivery of a new Reson sonar system, the second such system the organisation has implemented. The complete system will be installed on the vessel ALBATROSS, and will aid the Chilean Navy with the development of new nautical cartography for Chilean Waters, including electronic charts.

The total system comprises a Sea Bat 7125-E high resolution multibeam sonar, a S410 Deepwater hydrographic and broadband echosounder, and a PDS2000 software package.

The SeaBat7125-E provides high-resolution bathymetry and imagery data in real time for 3-D representations of underwater features and seabed conditions. It has an operational depth of 400m to 6000m.

The S410 Deepwater hydrographic and broadband echosounder has an enhanced hydrographic echosounder that supports single channel operation, with a ping rate of 20Hz at 15m.

Source: Servicio Hidrografico y Oceanografico de la Armada de Chile (Chile)

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<https://www.hydro-international.com/content/news/sonar-aid-in-chilean-chart-production>

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