

# Second Sonar System for Chilean Navy



S.H.O.A. Servicio Hidrografico y Oceanografico de la Armada de Chile (The Chilean Navy Hydrographic and Oceanographic Service) have recently taken delivery of a second new RESON Sonar System. The complete system will be installed on the launch ALBATROSS, and will aid the Chilean Navy with the development of new nautical cartography for Chilean Waters.

The total system comprises SeaBat 7125-E - High resolution multibeam sonar, the NaviSound 410 Deepwater hydrographic and broadband echosounder, and the PDS2000 Software package.

The SeaBat 7125-E provides high-resolution bathymetry and imagery data in real time for extremely detailed 3-D representation of underwater features and seabed conditions. It has an operational depth of 400m and has a swath coverage of 128° - 4.2 x water depth. The NaviSound 410 Deepwater hydrographic and broadband echosounder has an enhanced hydrographic echosounder that supports single channel operation, and has a high ping rate of 20Hz. The integrated software package, PDS2000 allows for seamless use of data files between data acquisition editing and chart production.

The ALBATROSS launch and the RESON SeaBat 7125 Sonar System will be exhibited at the forthcoming EXPONAVAL Exhibition in Chile from 2nd to the 5th December, 2008, and demonstrations will be given to visiting delegations and visitors by the Chilean Navy (SHOA).

S.H.O.A develops charts in electronic formats that are increasingly accurate, making them more compatible with the modern navigation systems used by the ships currently in service.