

# Practical Survey Workshop Held in Uruguay



CARIS and Kongsberg recently teamed up to conduct a five-day joint acquisition and processing workshop with Servicio de Oceanografía, Hidrografía y Meteorología de la Armada (SOHMA) in Montevideo, Uruguay. 35 attendees from hydrographic organisations and survey companies from Argentina, Brazil, Chile, Peru, Uruguay, Venezuela, Ecuador and Panama participated in the workshop which included theoretical and practical sessions, site operations and hands-on exercises.

The workshop consisted of presentations from Kongsberg on the EM 2040 multibeam and the SIS acquisition software. This was followed by vessel mobilisation and hands-on data collection on board SOHMA's survey vessel *Trieste*. Following the data collection, the attendees focused on data processing using the latest version of CARIS HIPS and SIPS

8.0 and discussed best practices for ensuring a high-quality data deliverable.

Some of the new functionality in HIPS and SIPS 8.0 were utilised, including the new calibration module and the water column processing tools, as well as standard workflow aspects such as sound velocity correction and backscatter processing. Attendees were also provided with detailed information about the CARIS Bathy DataBase and were shown how it can address their survey data management requirements.

Throughout the joint workshop students were exposed to the full CARIS Ping-to-Chart workflow. The event was a great success and CARIS and Kongsberg would like to thank SOHMA for their excellent assistance with the workshop and for being a wonderful host.

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