



Scientific Development with AGS “Cabo de Hornos” Ship

In 2013, the scientific multipurpose AGS “Cabo de Hornos” ship began operating. This vessel, thanks to her latest generation technology, has allowed new exploration options and knowledge of the sea floor which can be in the future a valuable contribution to the effort of GEBCO community.

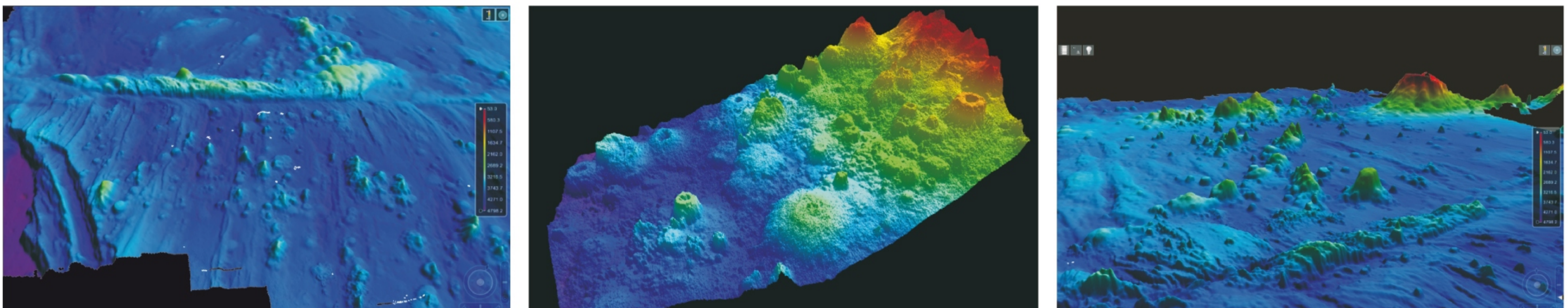
To date, several studies along southeastern Pacific Ocean have been carried out. These studies include bathymetric data acquisition which has enabled to model the seamount morphology in the Eastern Island mountain range and Juan Fernandez archipelago. These studies also were complemented with marine biological research, which has enhanced the knowledge of these new unexplored ecosystems.

In turn, this ship has been used to establish accurately and safely bathymetry of the sounding area which is necessary to install latest generation DART buoys in front of the Chilean coast.

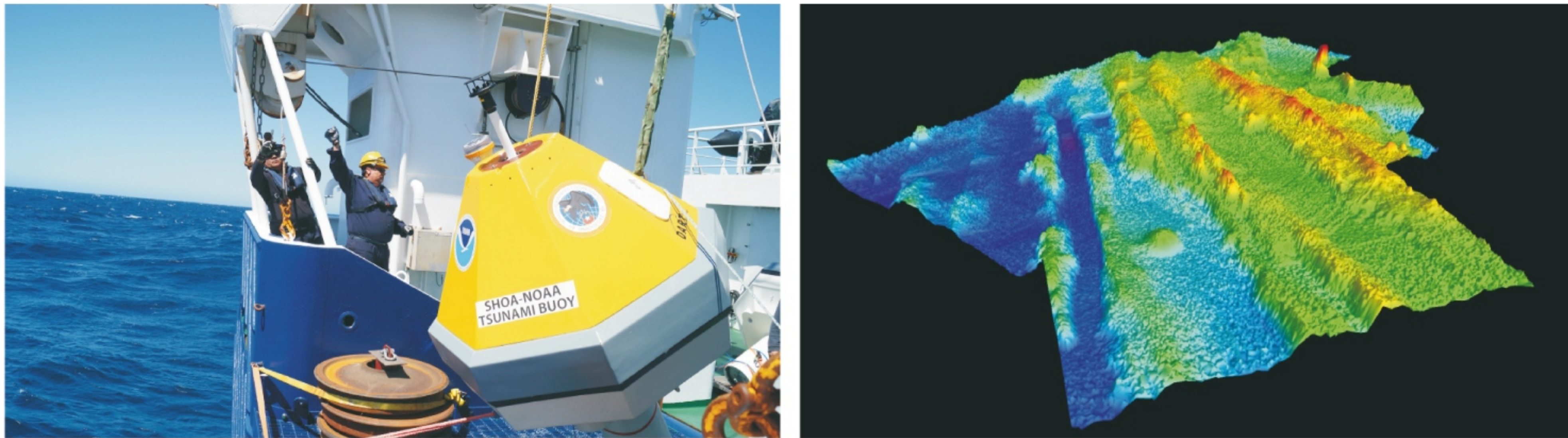
Data acquisition has also been used for marine archeology which has allowed to detect different wrecks, some of them being historical, such as M/S “Alborada” sinking, event occurred in 1987 in front of the coasts of Talcahuano by poor weather conditions.



Morphology of seamounts in Eastern Island range and Juan Fernández archipelago.



Installation of DART Buoy.



Detection of wreck of the motor ship “Alborada”.

