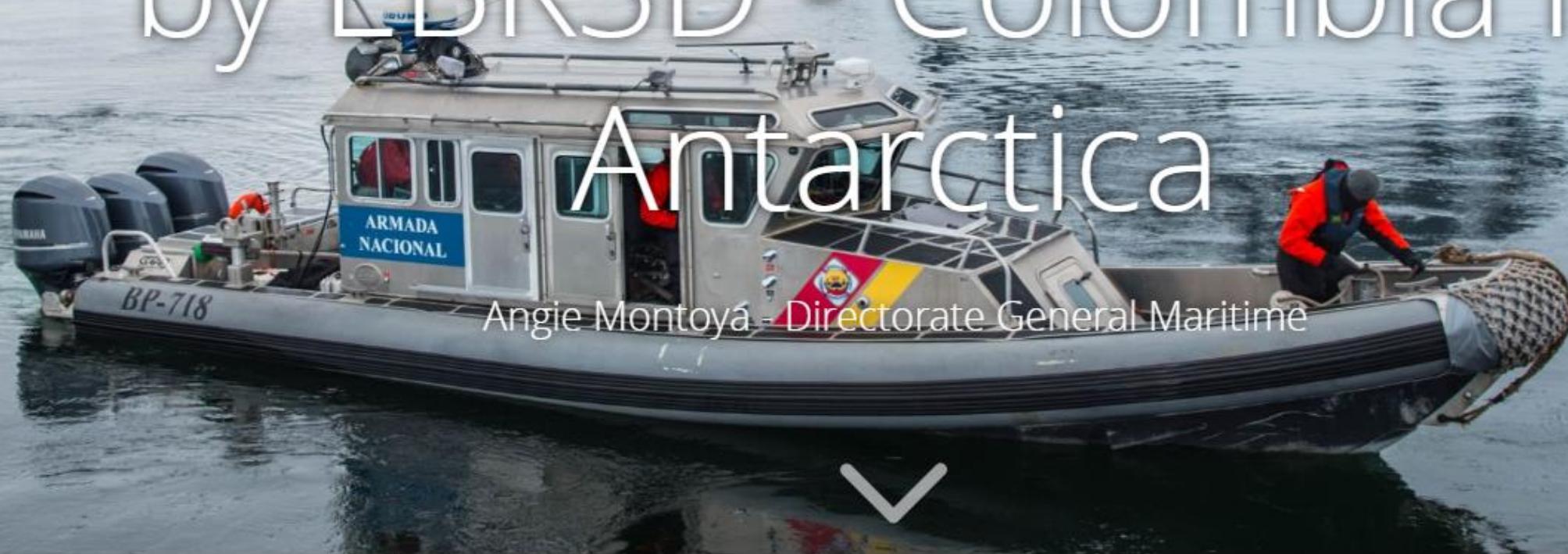




Oceanographic data model by EBK3D - Colombia in Antarctica





Marine Biologist Jhon Salom inspecting samples taken in Antarctica - Captain Ricardo Torres verifying rosette extraction during oceanographic station in the Gerlache Strait in Antarctica



Chemical engineering Paola Suarez in the process of selection of samples in Antarctica - Preparation of the rosette for sampling in the Gerlache Strait in Antarctica





Oceanographic data model by EBK3D - Colombia in Antarctica

Un Story Map



Esri, GEBCO, DeLorme, NaturalVue | Esri, Garmin, FAO, NOAA

POWERED BY
esri



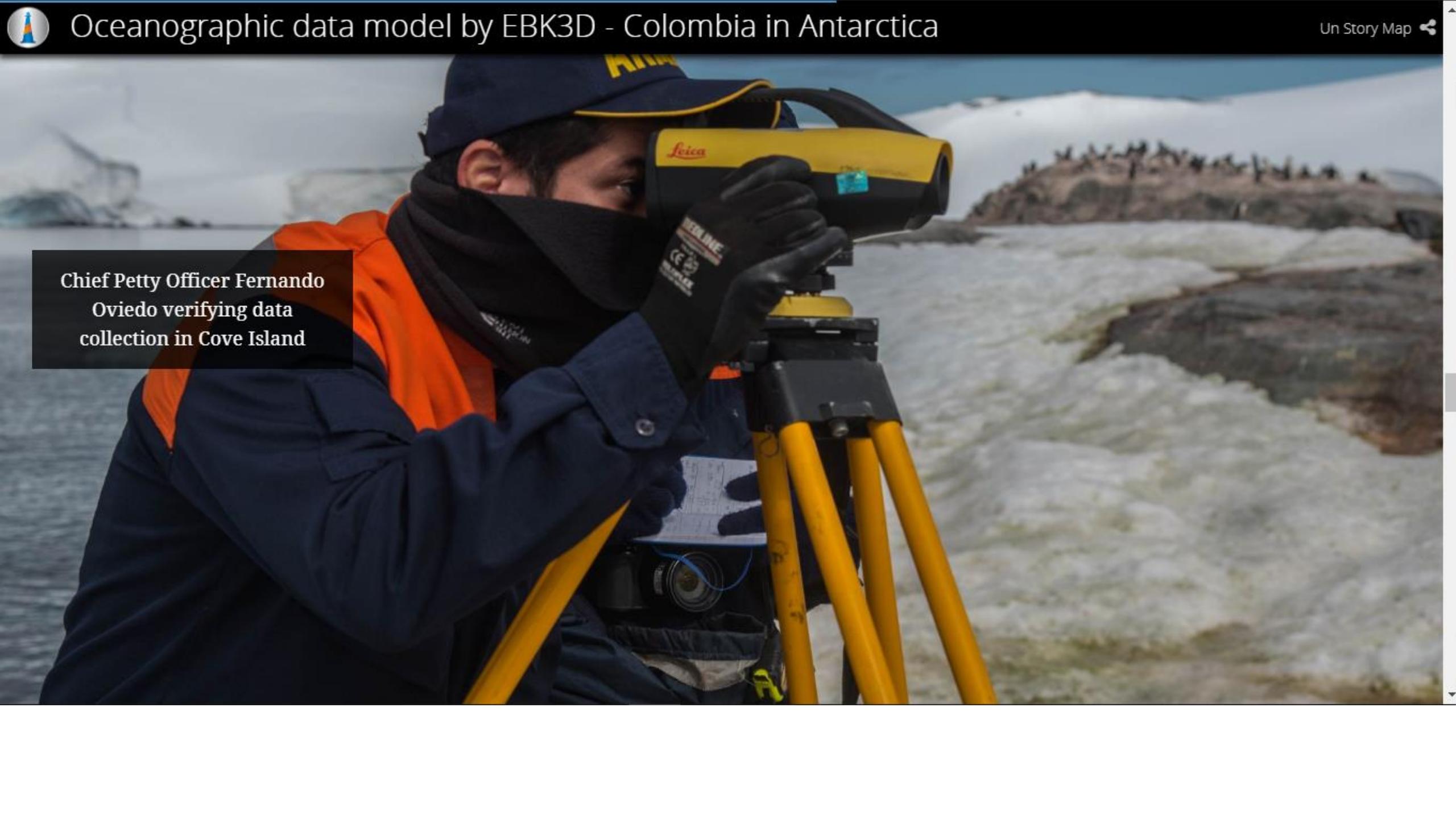
The study area is bounded by
latitudes 64 and 65 S, and
longitude 61 and 64 W





The Directorate General Maritime was able to developed twenty oceanographic stations where profiles of temperature, salinity, oxygen, chlorophyll, density, and conductivity were obtained





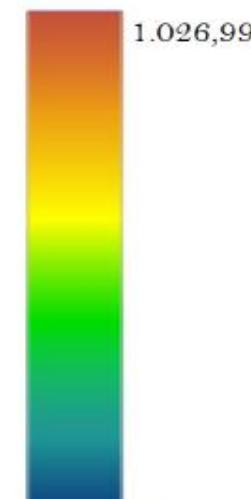
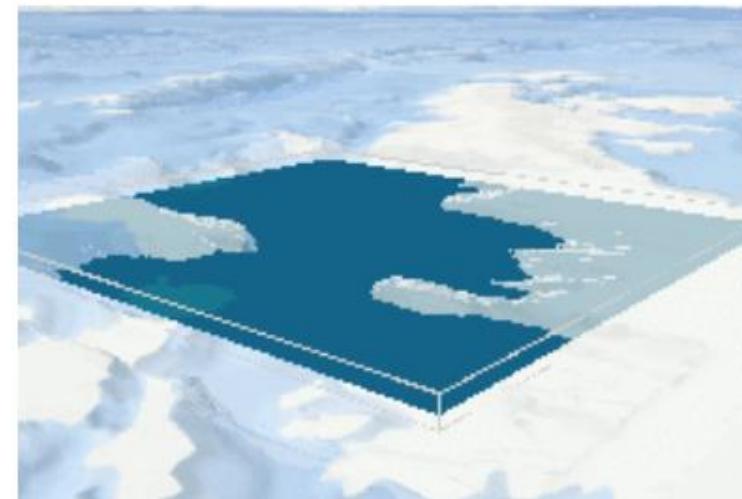
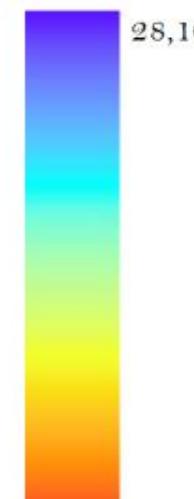
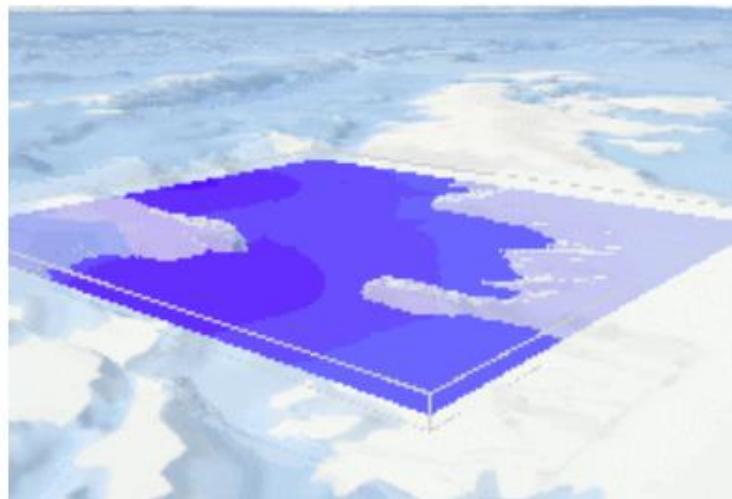
Chief Petty Officer Fernando
Oviedo verifying data
collection in Cove Island



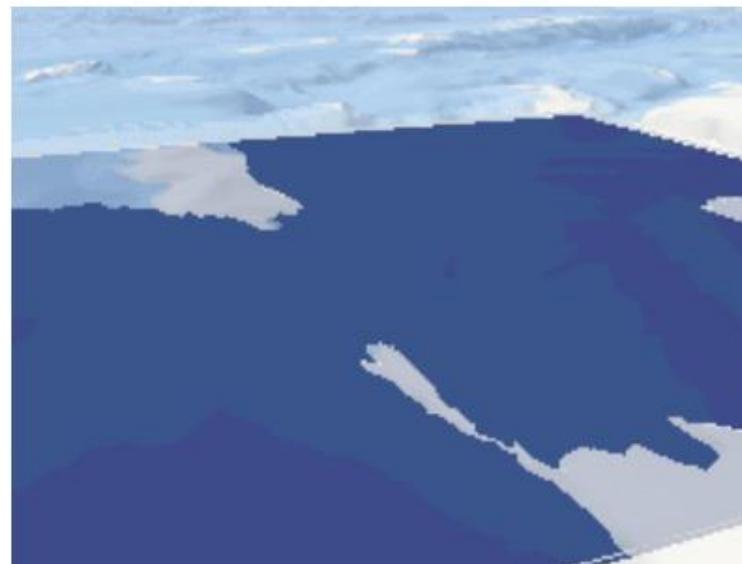
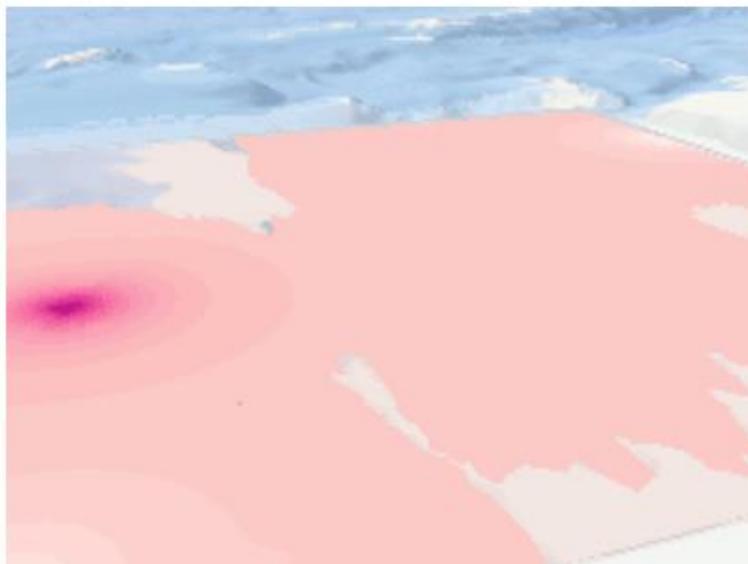
Bathymetric survey (1000 nm)
was executed as a contribution
to the construction of the
nautical chart INT 9103



Conductivity - Density

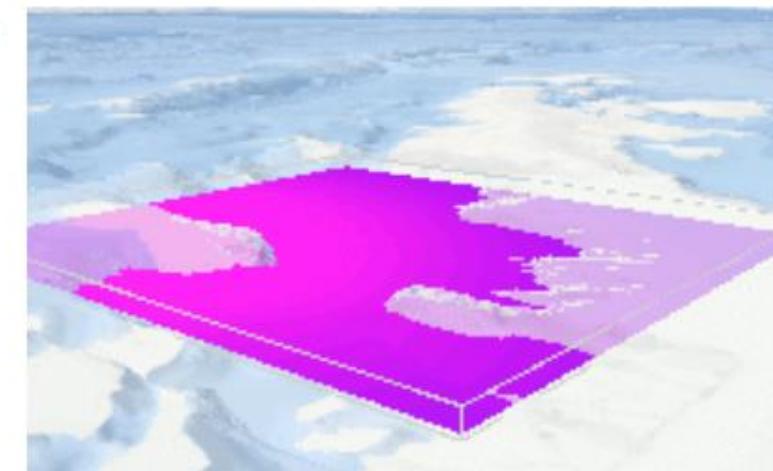
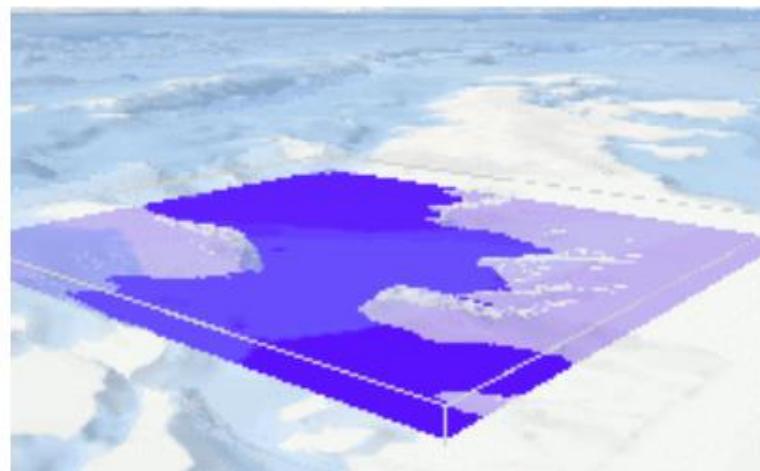


Fluorescence - Pressure

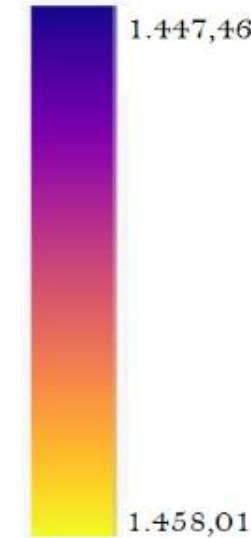
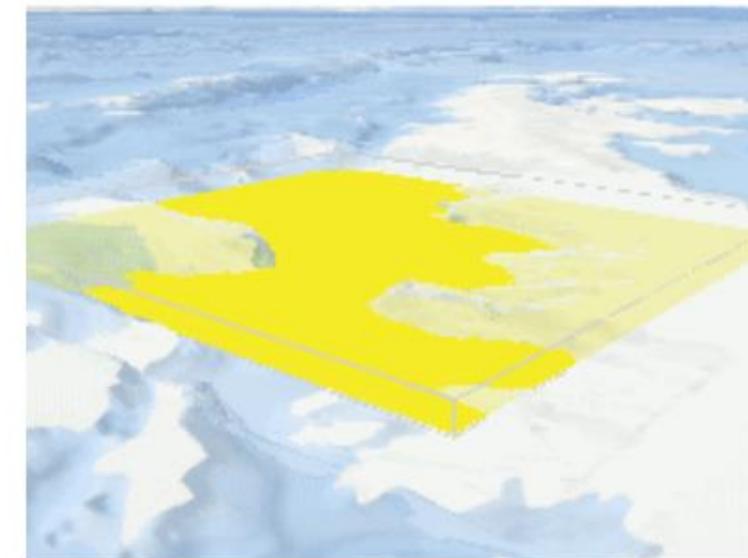
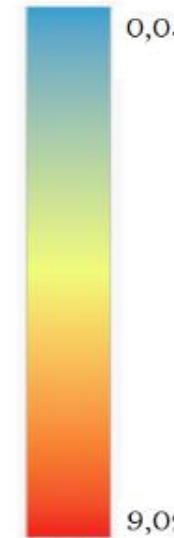
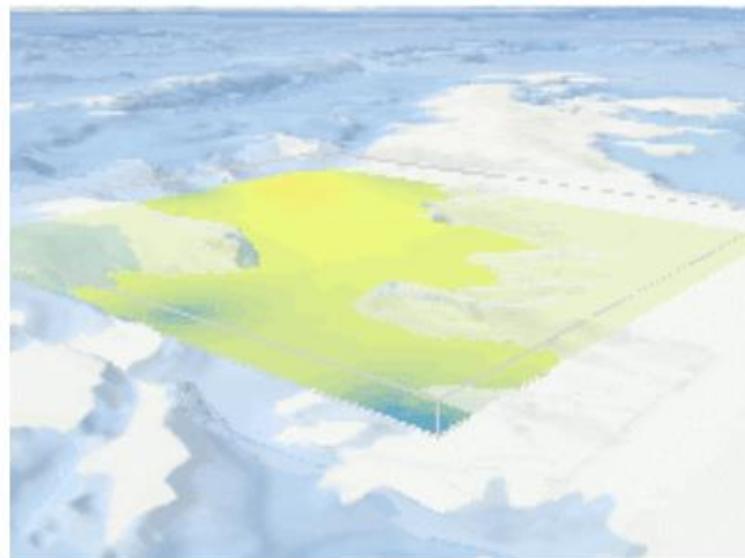




Temperature - Salinity



Turbidity - Speed of sound





The information collected, once processed and analyzed, will satisfy the proposed objectives by each research project. Also having in mind the multiplicity of research areas involved in the expedition will allow the debate between researchers who will be able to connect and relate parameters in order to obtain a holistically explanation about oceanographic, chemical and biological processes. This will help as well in the proposal of new research questions, promoting the scientific knowledge of Antarctica and its relation to large-scale processes.



Thank you



Thanks to:

Direktorate General Maritime - Dimar

Armada Nacional

Fuerza Aérea Colombiana - FAC

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Caribe - Dimar

Centro de Investigaciones Oceanográficas e Hidrográficas del
Pacífico - Dimar

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Universidad del Valle

Universidad de Antioquia



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SECCO

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without them, this had not been possible