

IHO Hydrographic Commission on Antarctica (HCA)

# National Report

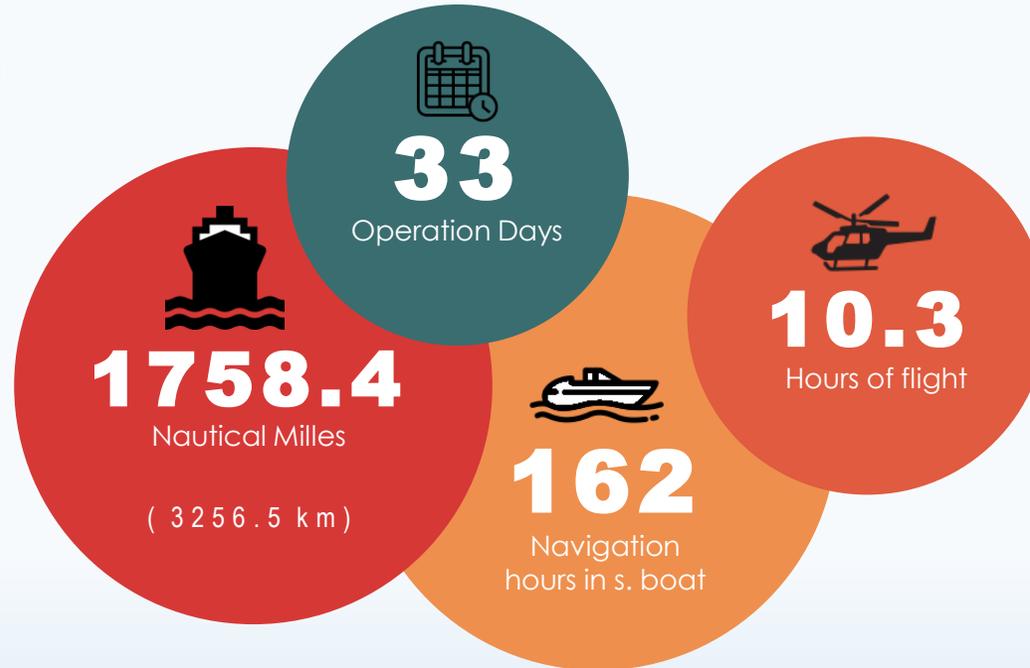
Colombia

National Hydrographic Service, General Maritime Directorate  
(DIMAR)



# Survey and charting progress in Antarctica

- New data coverage
- Areas Surveyed
- Data Provision



# Update for INT paper charts

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✓ January 2019

INT9157 (not published yet)

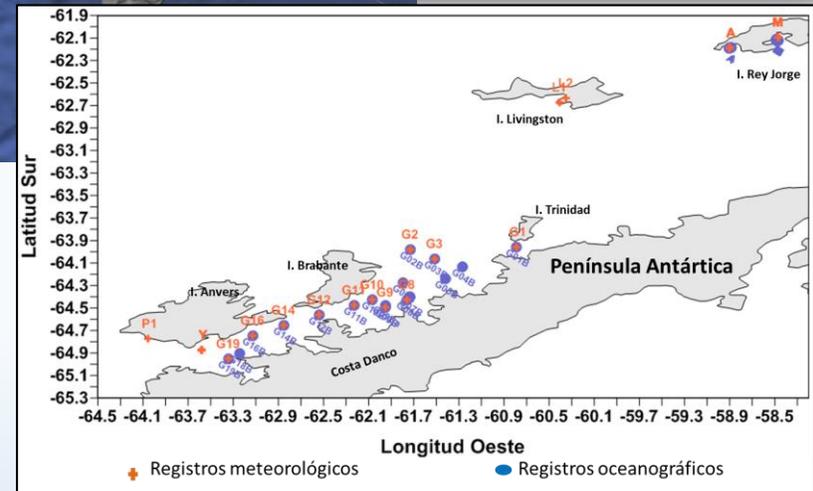
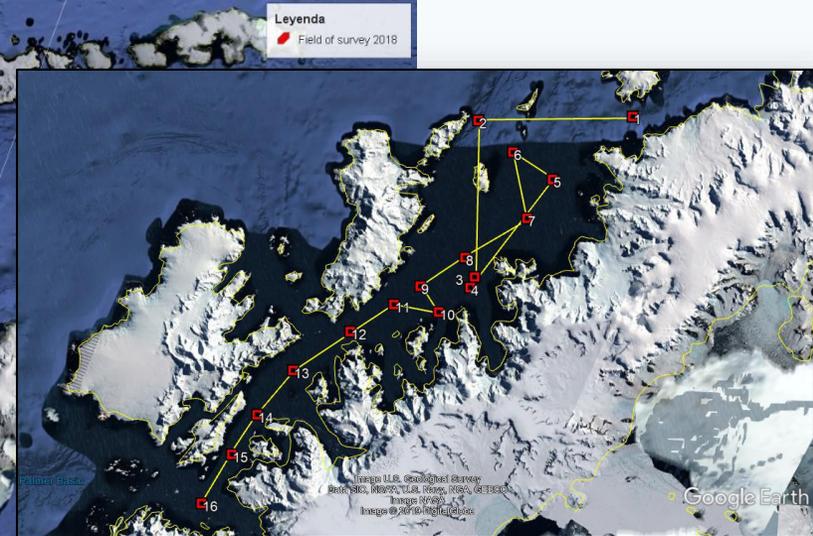
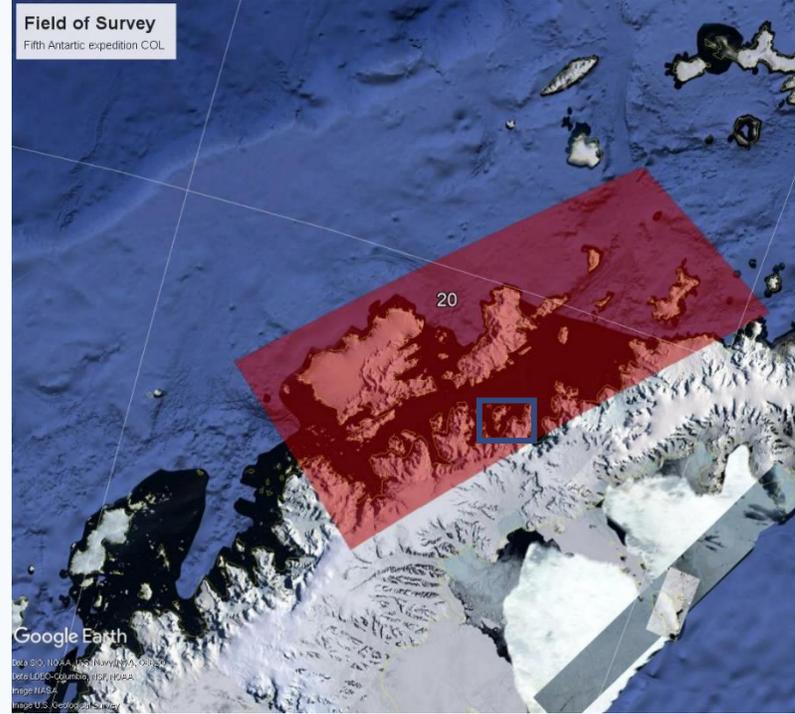
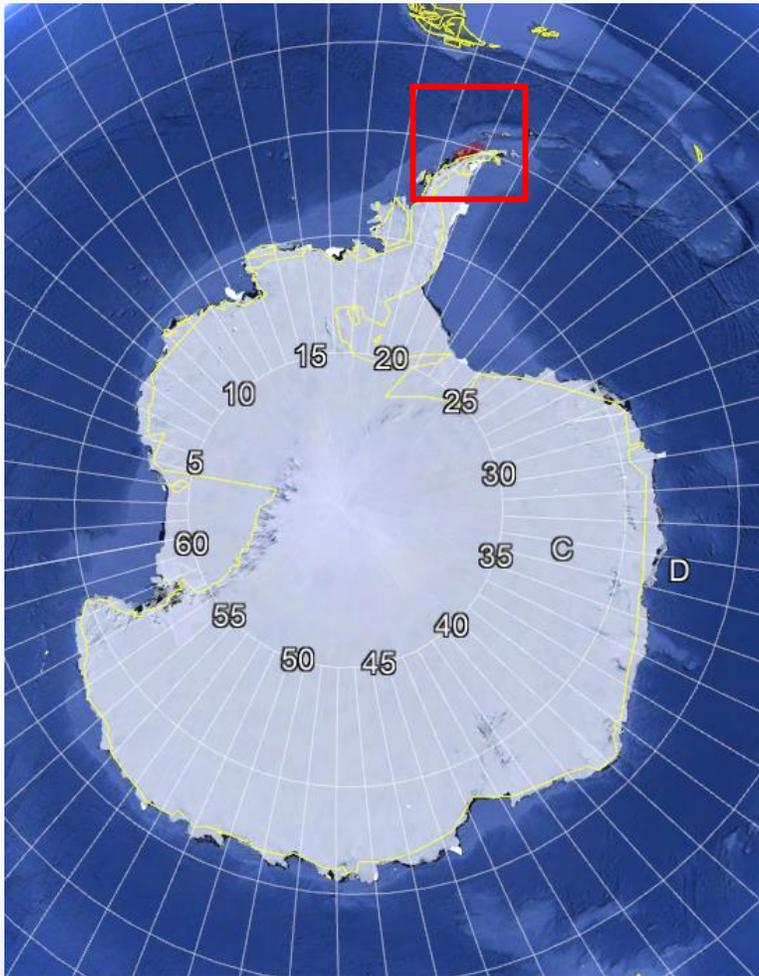
Title WILLHELMINA BAY

Area : 64-42S, 62-04W, 64-24W and 61-48W

Depths:	20m to 600m
Technology:	Single beam and Multibeam
Coverage:	170km <sup>2</sup>
Units usage:	Ocean Plattform Small boat first survey response Aerial Support (Helicopter)



# Areas Surveyed - Research Support



# Extending possibilities for Scientific Research in unsurveyed areas



Ministerio de Defensa Nacional  
**Dirección General Marítima**  
Autoridad Marítima Colombiana



**ARMADA NACIONAL**  
REPÚBLICA DE COLOMBIA



**COMISIÓN**  
**COLOMBIANA**  
**DEL OCÉANO**



Colombia 50% Mar  
**INAMAR**  
Instituto de Investigaciones Marítimas y Costeras "José Benito Vives de Andrés"  
Vinculado al Ministerio de Ambiente y Desarrollo Sostenible



**UNIVERSIDAD**  
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**DE COLOMBIA**



**Universidad de**  
**los Andes**



Pontificia Universidad  
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NYU Abu Dhabi  
Center for global  
Sea Level Change



**CONSERVACIÓN**  
**INTERNACIONAL**  
Colombia

Fundación  
**macuáticos**  
Colombia



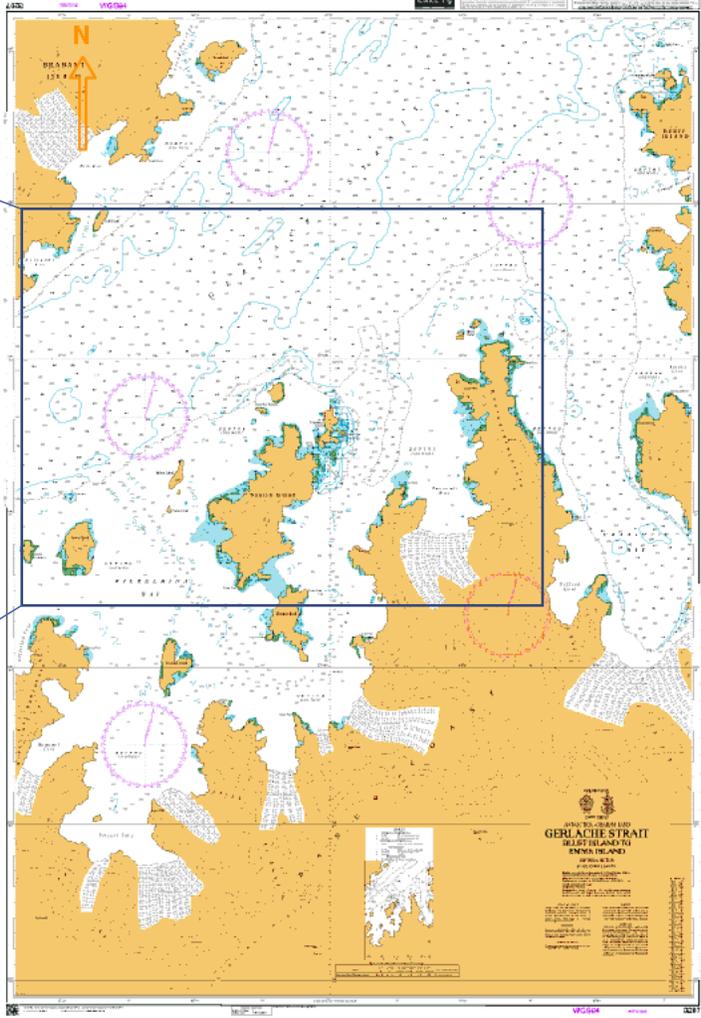
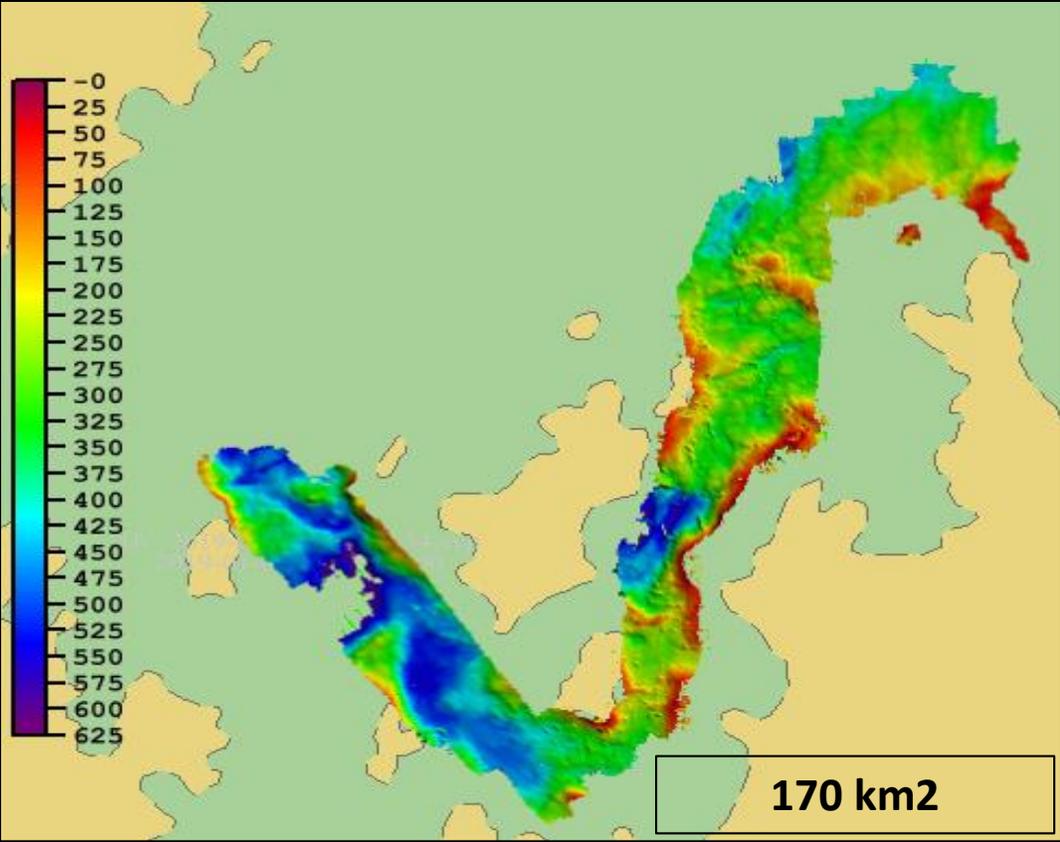
**İTÜ**



International Hydrographic Organization  
*Organisation Hydrographique Internationale*

HCA-16, Prague, Czech Republic, 3-5 July 2019

# Results



# Full Mission Simulator – Training Program



More than **2.000 cadets** and **1.000 crew members** from diverse floating units have received the training program.



<http://www.escuelanaval.edu.co/es/navegar-en-la-antartida-es-posible-desde-la-escuela-naval-de-cadetes-almirante-padilla>

