

IHO Hydrographic Commission on Antarctica (HCA)

National Report by

ITALY



International Hydrographic Organization
Organisation Hydrographique Internationale

HCA-15, Niteroi, Brazil, 26 – 28 June 2018

Survey and charting progress in Antarctica since HCA-14

- new charts produced (INT, national, ENC) : INT 9000 (1:500.000) – Coulman Island to Ross Island
- areas surveyed: last survey performed in 2016
- risk assessment studies: N.N.
- impact of Polar Code on your activities: N.N.



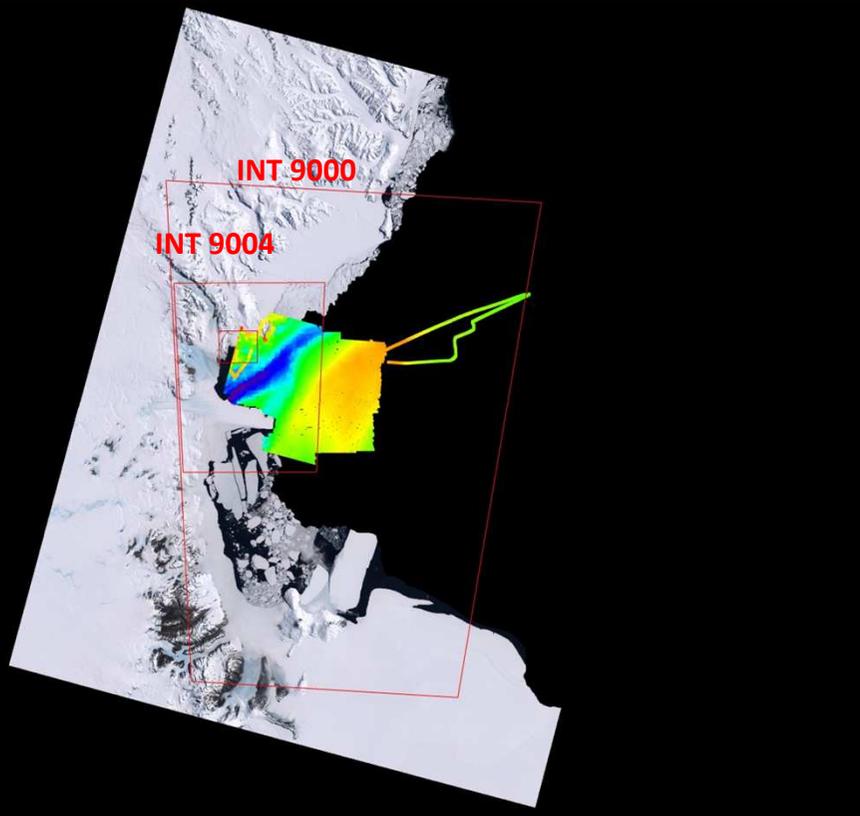
Survey and charting progress in Antarctica since HCA-14

Status of Survey in Antarctica

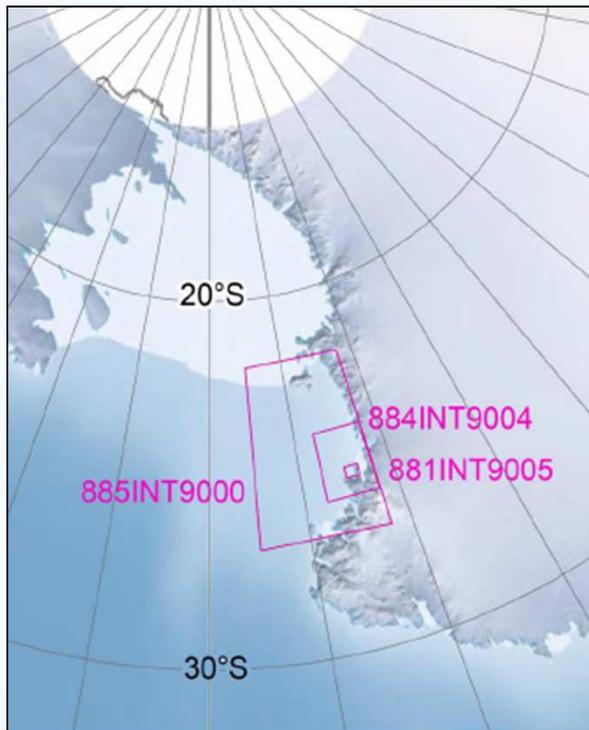
Italian HO is involved in survey and nautical cartographic activities.

The Hydrographic team works annually within PNRA (Progetto Nazionale Ricerca in Antartide) in which are included both land-based and maritime research activities.

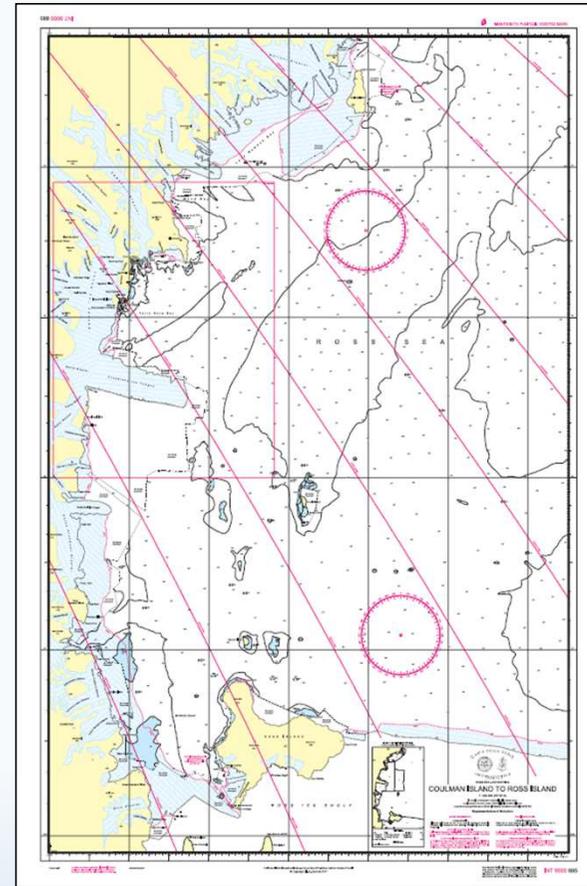
The Hydrographic team consist generally of two hydrographers, assisted by researchers during survey.



Survey and charting progress in Antarctica since HCA-14



INT 9000 – Coulman Island to Ross Island



Thanks to NGA for having provided part of data



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Status of Relations with Other Organizations

- scientific and polar institutes : **PNRA, OGS**
 - National Antarctic Program (PNRA) started in 1985 with the National Scientific Committee for Antarctica (CSNA)
 - Antarctic Treaty Consultative State status since 1987.

ITA-FRA Concordia Station



Italy is in charge of two research base station:

1. Mario Zucchelli in Terra Nova Bay (open only during summer)
2. Concordia (jointly with France) .

Mario Zucchelli Station (MZS)



Status of Relations with Other Organizations

- scientific and polar institutes : **PNRA, OGS**

- cruise vessels : **N.N.**

*Last ship employed: M/V Itatica
(chartered until 2016)
ITS Alliance (High North2018)*



- hydrographic data received from other organizations : **OGS, NGA, NZ**
- hydrographic data provided to other primary charting authorities and/or GEBCO : **NGA (INT 9000)**



Planned Activities for 2018-2019

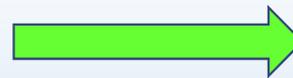
new charts : no new charts are planned for the next 2 years.

new surveys :

- Survey will be conducted over the area of responsibility in order to update charts and fill the gap in coverage.
- New & renewed deployable mean will be established for coastal survey (2020).



PNRA
Project



Any other matters of relevance to HCA

- A new OSV for the Italian Navy is planned for 2020-2022



Any other matters of relevance to HCA

- Activity IHO WG and Committee:

HSSC, IRCC, CBSCWG, MBSHC, HCA, S100WG, ENCWG, NCWG, NIPWG, DQWG, TWCWG, HDWG, ABLOS, WENDWG, MSDIWG, IENWG, CSBWG, IBSC, GEBCO-SCUFN

- Cooperation with other HOs in Antarctica (last two years)

Year	Activities	Nation
2016	Course on Antarctic Navigation	CHILE
2016-2017	Campaign on board OSV Almirante Oscar Viel	CHILE
2017	Course on Antarctic Navigation	ARGENTINA
2018	Course on Antarctic Navigation (August 2018)	ARGENTINA

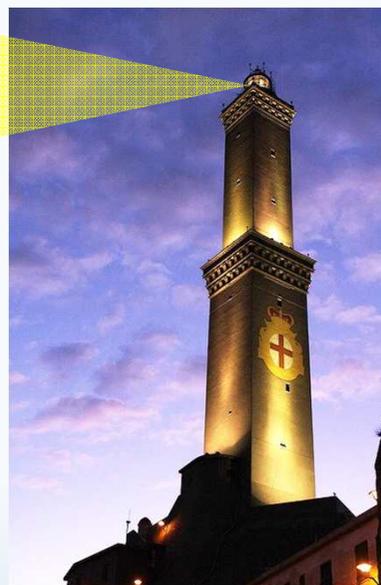


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**Thank You
for attention**



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