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HYDROGRAPHIC COMMISSION

ON

ANTARCTICA

Report on the

INT Chart and ENC Scheming and
Production Status for Region M

(HPWG Chair)

HCA16 Prague, Czech Republic 2019

INT chart and ENC progress since HCA15)

- ✦ Current number of charts in INT Region M is 115
- ✦ 92 charts published up to July 2019
- ✦ New INT charts published since HCA15 is 2, 9114 & 9166 (UK). Argentina has published their co-produced (AR/GB) versions of 9153 & 9154
- ✦ New ENCs published since HCA15 is 2, UK x 2.

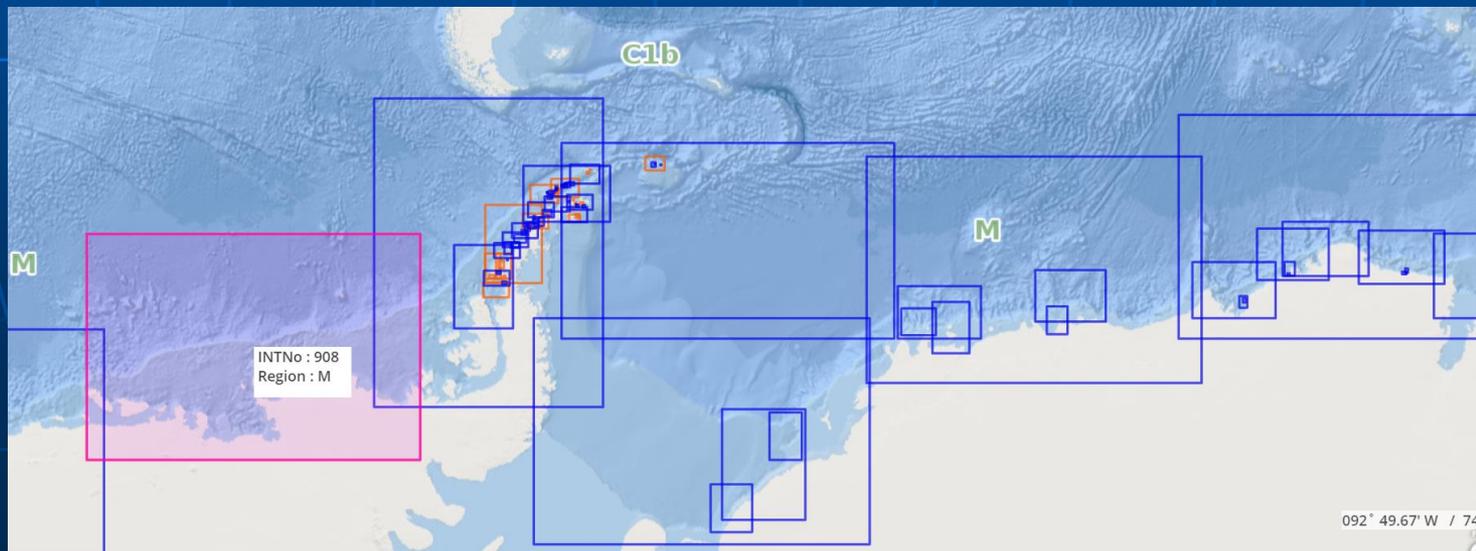


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- ✦ New INT charts and ENC's planned for 2019/20 is 9: 9112*, 9130*, 908 & 9171 (UK), INT**** (RoK), 9101 & 9140 (AR), 9136 & 9137 (ES)

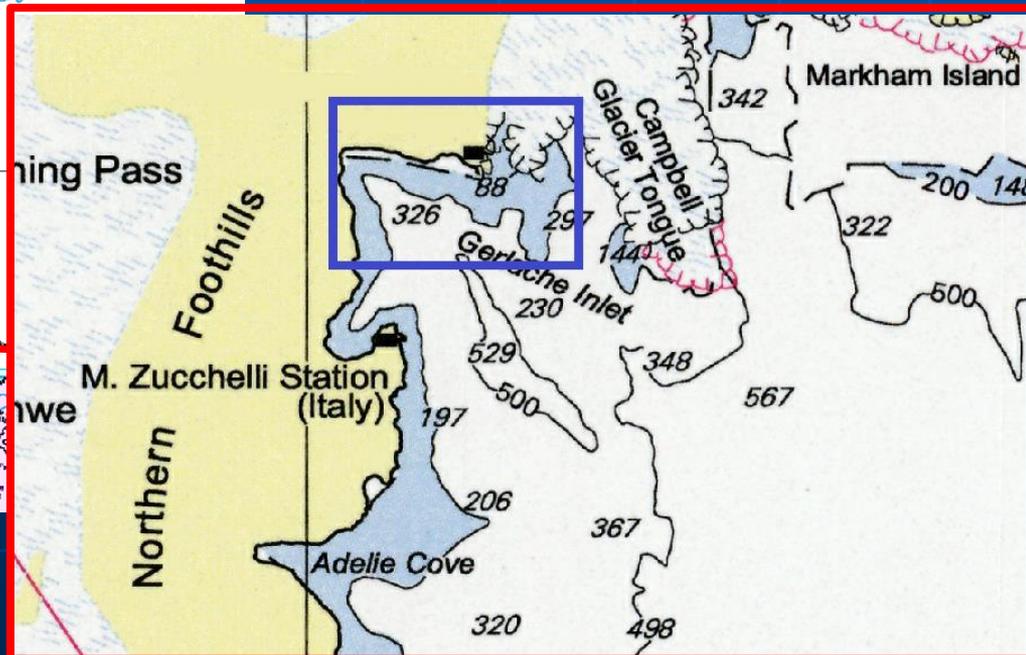
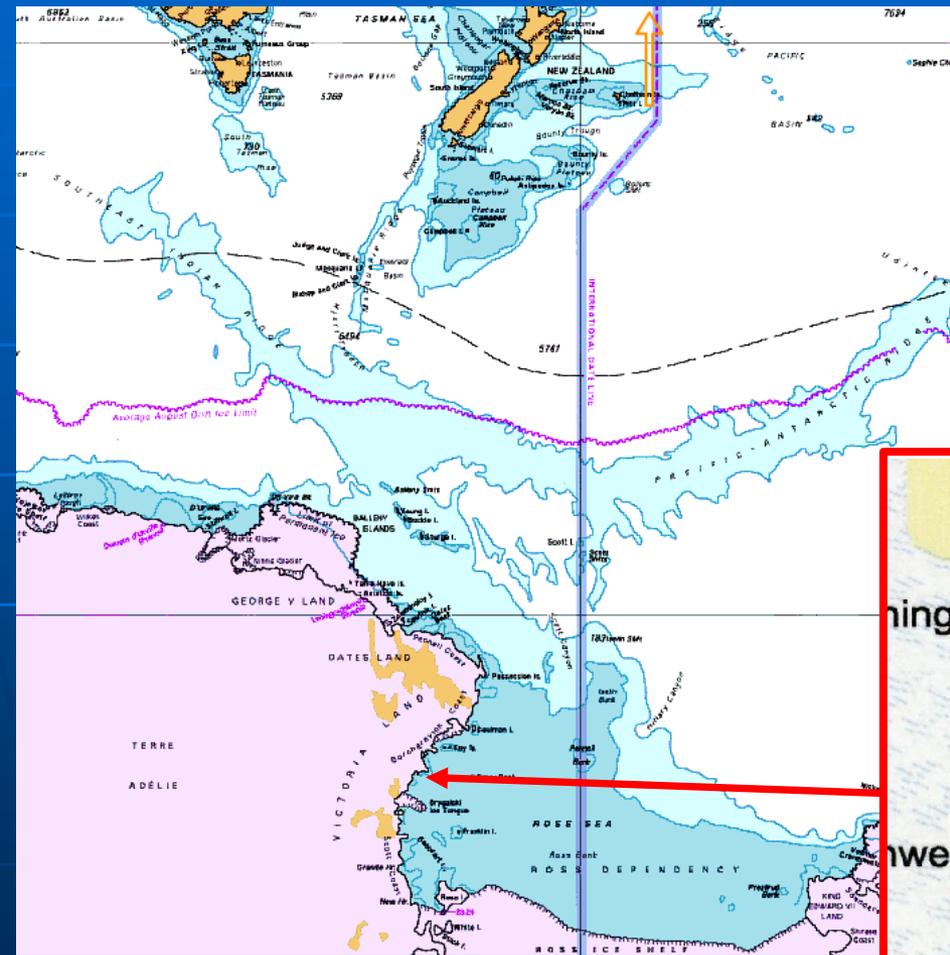
(* Amendments and additions to INT scheme, to be discussed)



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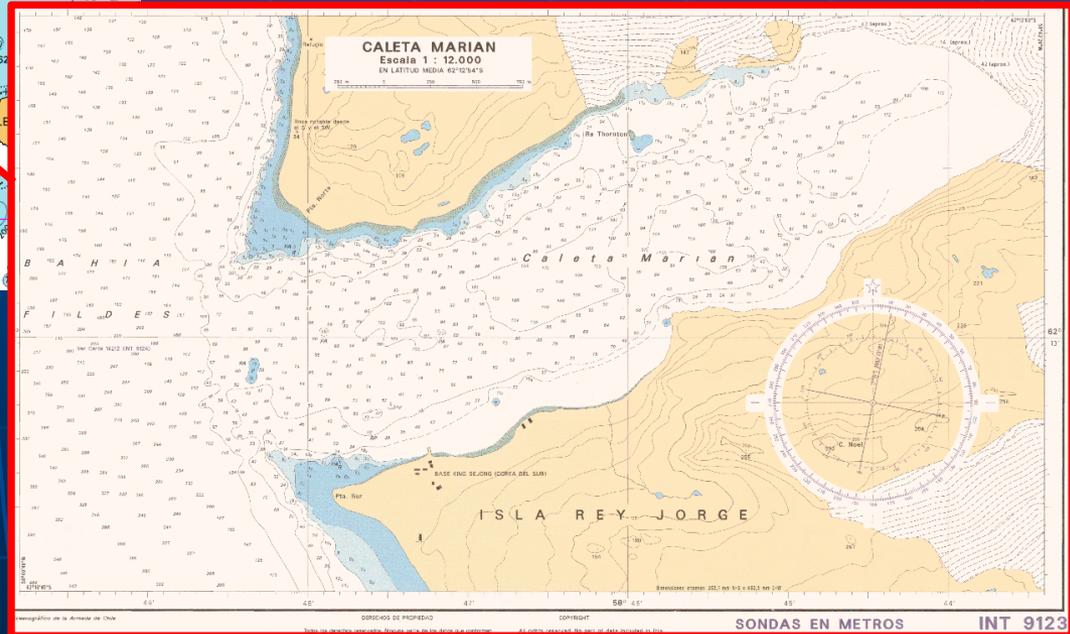
Proposal by Republic of Korea to produce a new INT chart providing large scale coverage of JANG BOGO Station



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Discussions to be started by Republic of Korea to liaise with Chile regarding a proposal to co-produce INT9123 & 9124. This will follow future extensive Multibeam survey work by RoK around King Sejong Station and Bahia Fildes (Maxwell Bay) which will be supplied to Chile



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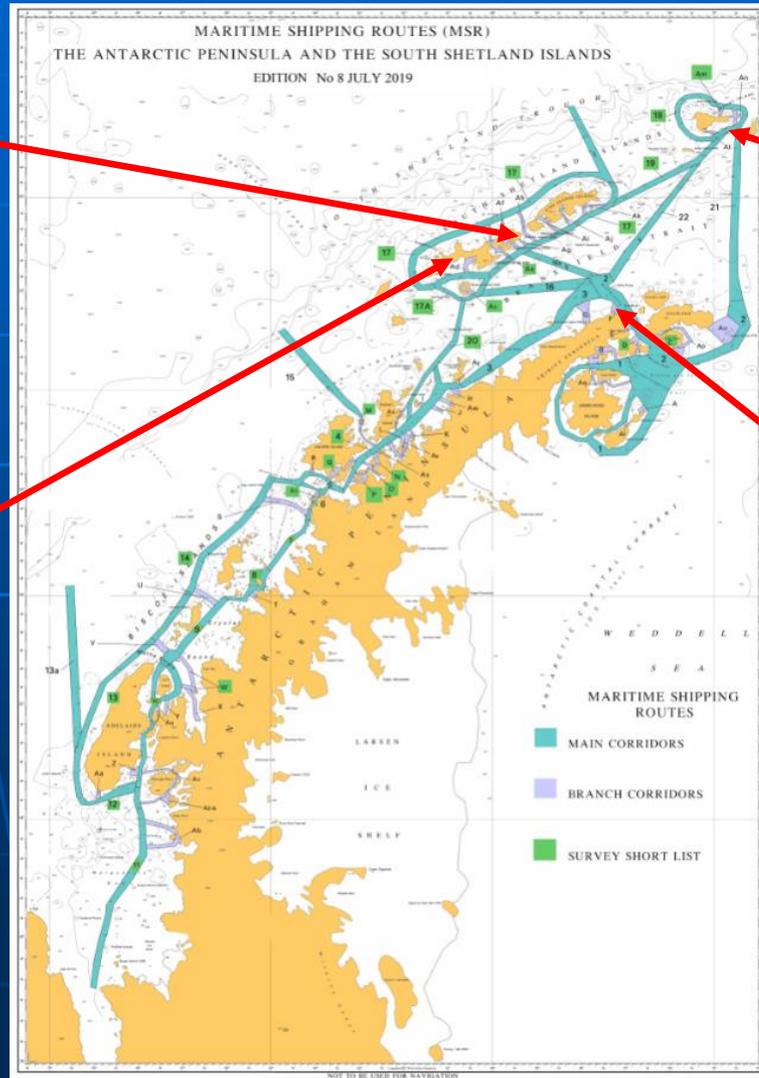
Amended INT chart proposals from UK and amendments to scheme from INT Coordinator - Region M

Robert Point
INT9112

Cape Lookout
INT9112

Elephant Point
New INT chart?

Gourdin Island
INT9130

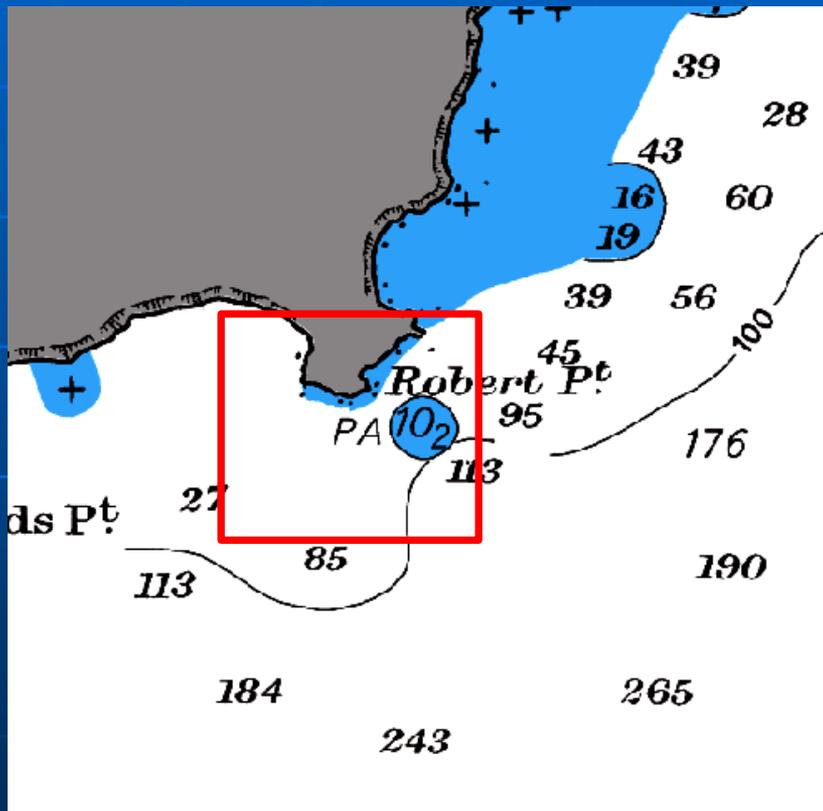


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INT 9112

Robert Point and Cape Lookout, no data exists. Propose remove from INT scheme until modern data available



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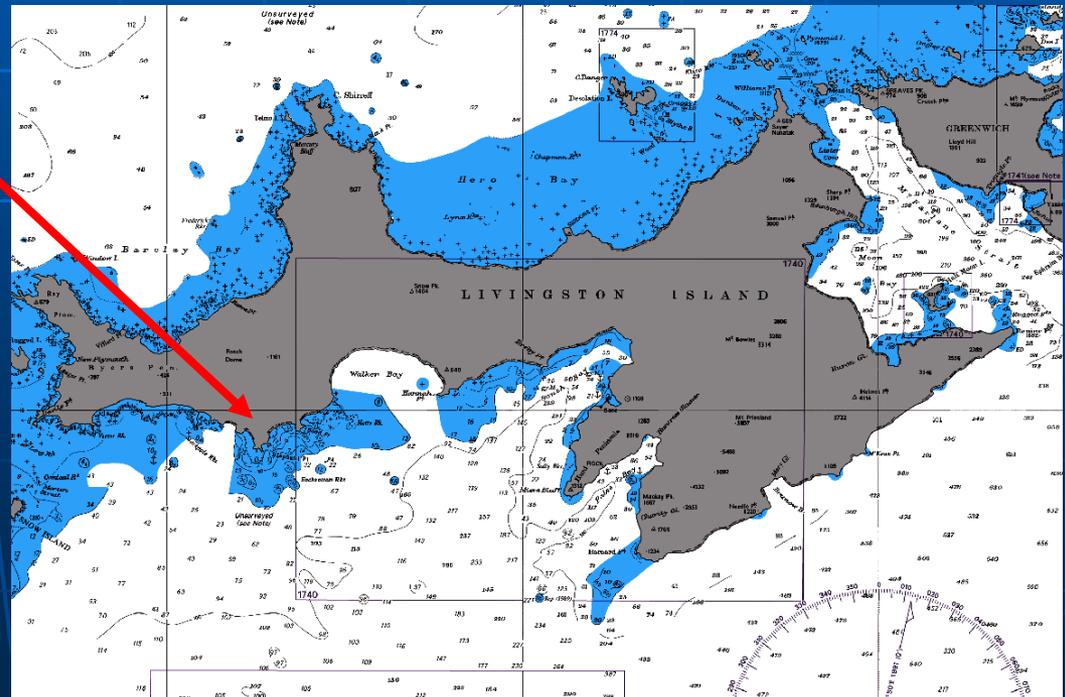
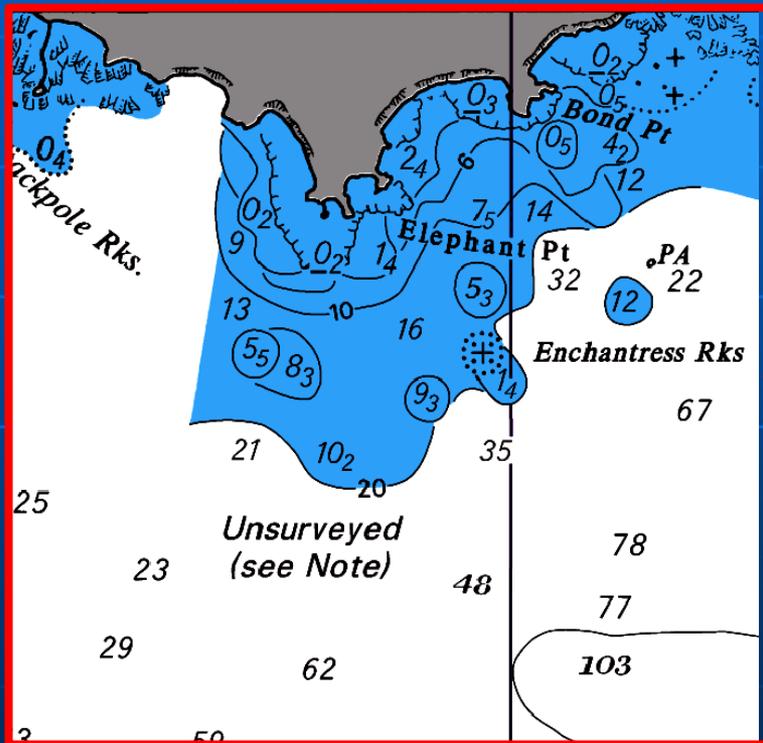
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POSSIBLE NEW CHART

Elephant Point, Livingston Island, South Shetland Islands

Current largest scale coverage 1:200,000. Suggested plan at 1:30,000 – 1:50:000. In 2019, 8,458 passenger visits.

Ranked No23. New MSR to be added



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INTernational Chart Web Catalogue

- ✦ Region M continually updated as charts are published. Please inform coordinator of NC/NEs to ensure database is current!
- ✦ All HCA16 amendments to be inserted into database.

The screenshot displays the International Chart Web Catalogue interface. At the top, there is a navigation bar with 'CHART SEARCH', 'MANUAL DOWNLOAD', and 'Manager' buttons. A search bar is present with 'Search' and 'SeaWay' options. The main area features a map of Antarctica with several colored overlays (blue, orange, purple) representing different chart areas. On the left, a 'SEARCH Option' panel includes fields for 'INT Region M', 'Prod Nation', 'Pub Year', and 'Status All'. Below this is a 'CHART List' with 113 items, listing various regions like '900:Ross Sea', '901:De Cape Goodenough ...', etc. On the right, a 'CHART Layers' panel shows options for 'WORLDMap', 'STREETSMap', 'SATELLITEMap', and 'BATHYMETRYMap', along with a 'CHART Layers' section with checkboxes for 'All Layers', 'OverView', 'General', 'Coastal', 'Approach', 'Harbour', and 'Berthing'. The bottom of the interface shows 'DOWNLOADS' buttons for 'XLS', 'PDF', 'GML', and 'SHP', and a Google logo. The bottom right corner displays coordinates '134° 15.28' W / 78° 28.43' S' and a copyright notice 'Map data ©2016 Imagery ©2016 NASA TerraMetrics Terms of Use'.

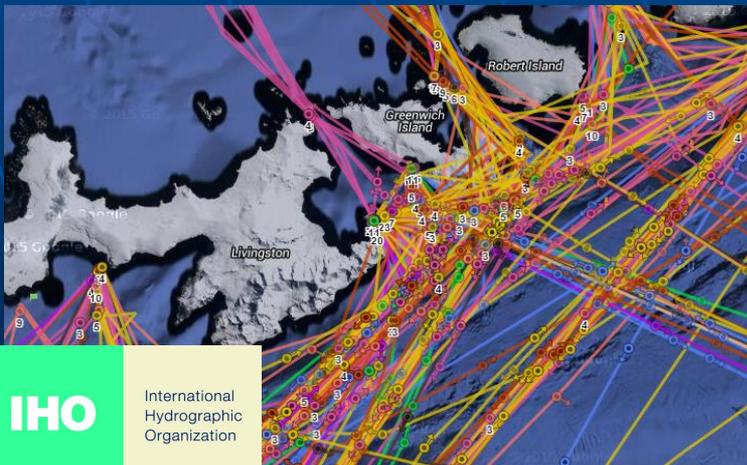


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IHO HCA collaboration with IAATO

- ✦ Since HCA15 the Region M Coordinator has been given continual access to the IAATO AIS vessel tracker
- ✦ Great insight into ships movements and highlighting areas where INT chart/ENC coverage is lacking and requires larger scale charting
- ✦ MS are encouraged to investigate whether Government/Scientific vessel AIS data can be supplied to INT Coordinator



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