



Hydrographic Commission on Antarctica

Report on the
INT Chart and ENC Scheming and
Production Status for Region M
(HPWG Chair)
HCA15 Niteroi, Brazil 2018

INT chart and ENC progress since HCA14)

- ✦ Current number of charts in INT Region M is 117
- ✦ 90 charts published up to June 2018
- ✦ New INT charts published since HCA14 is 12, 9128(ES), 9104 & 9103(CL), 9125(BR & PE), 9000(IT), 905(DE), 9111(AR) & 9117, 9165, 9131, 9159 & 9160(UK)
- ✦ New ENCs published since HCA14 is 18, Argentina x1, Chile x2, Brazil/Peru x1, France x4, Italy x1, Germany x1, Spain x1 & UK x7.

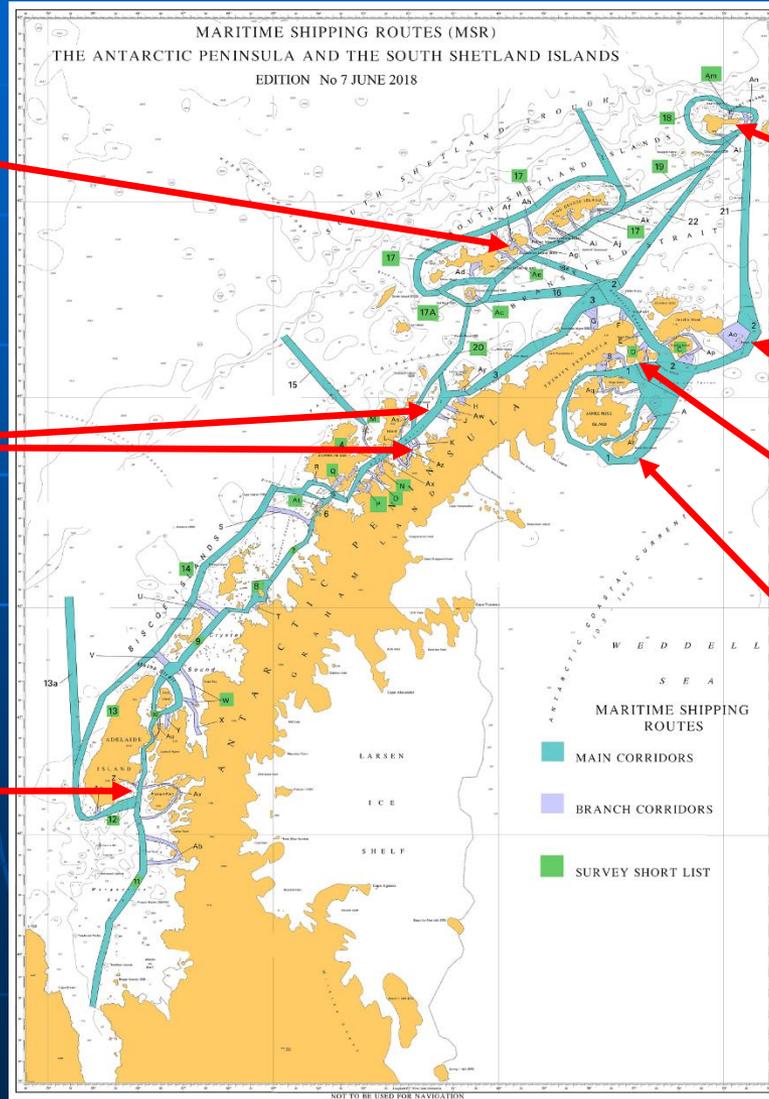


✦ New INT charts and ENC's planned for 2018/19 is 3: 9166, 9114* & 9113* (UK)

(* Amendment to INT scheme, to be discussed)



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



Robert Point

INT9113

INT9112

INT9116

INT9130

INT9133

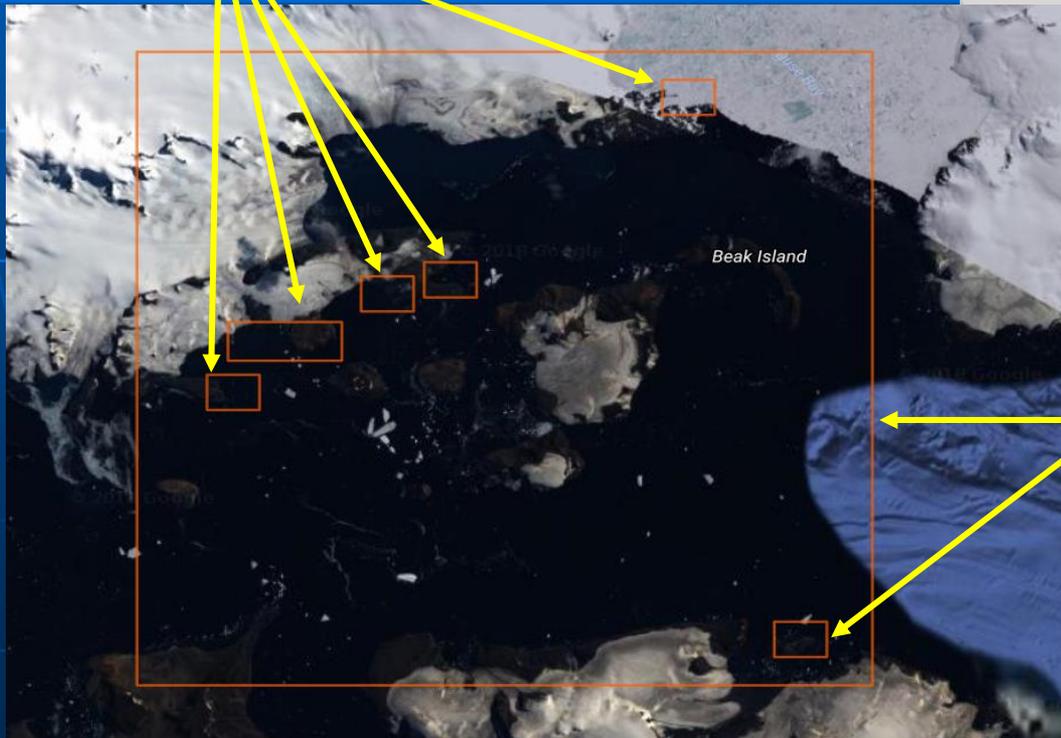
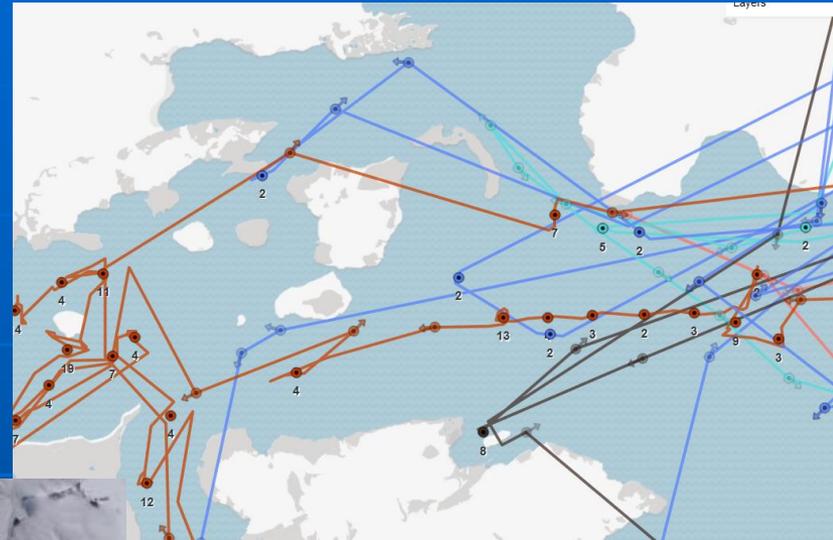
Biscoe Wharf
and Horseshoe
Island



INT 9130

Current vessel movements.

No vessel visits, propose remove



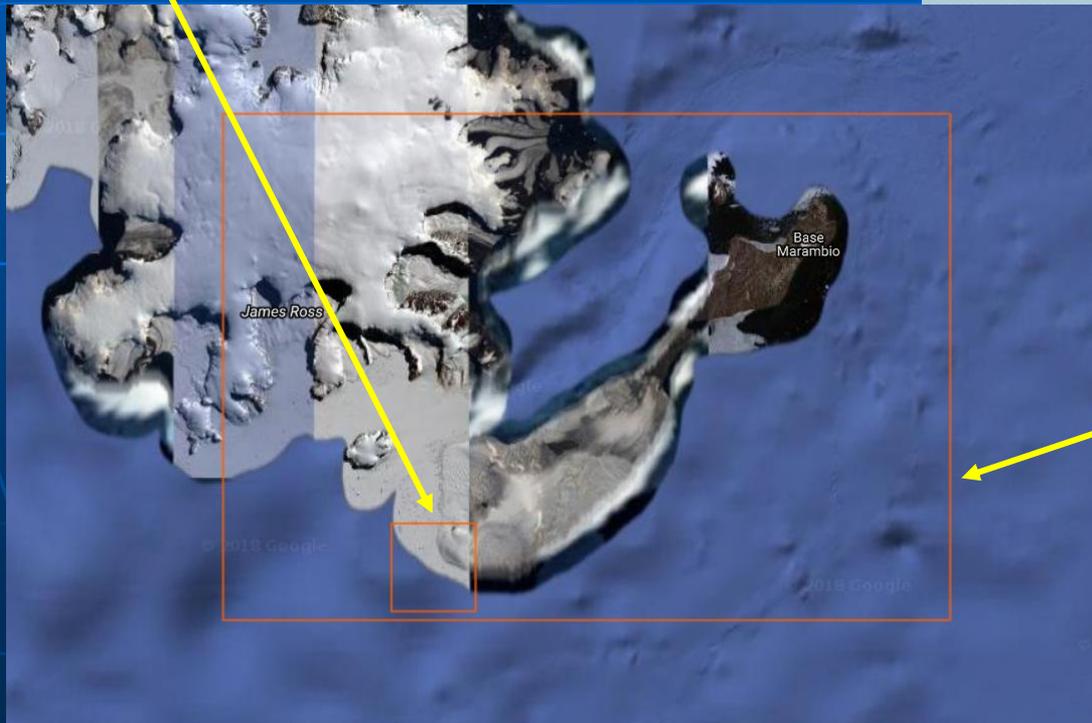
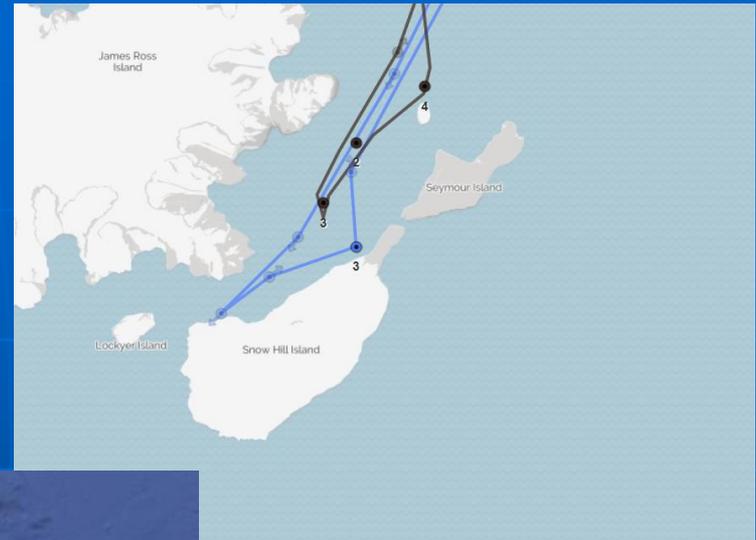
Vessel transit and visits, propose retain



INT 9133

Current vessel movements.

No vessel visits, propose
remove



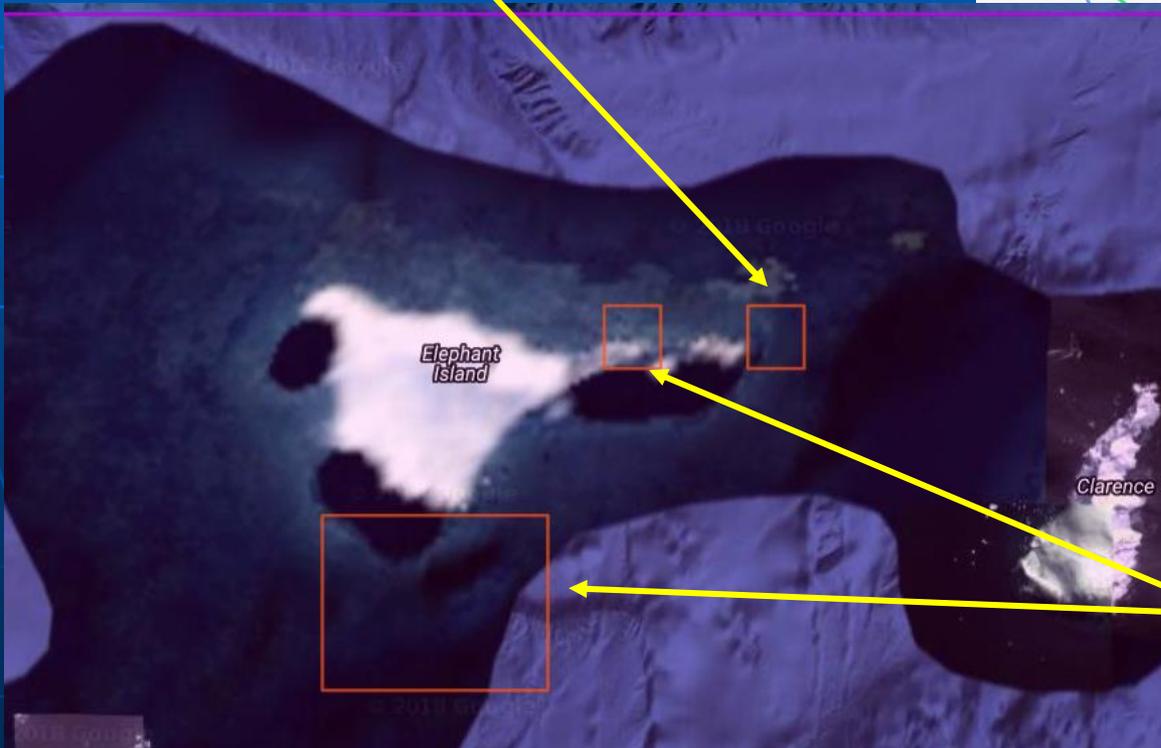
Vessel transits
retain



INT 9113

Current vessel movements.

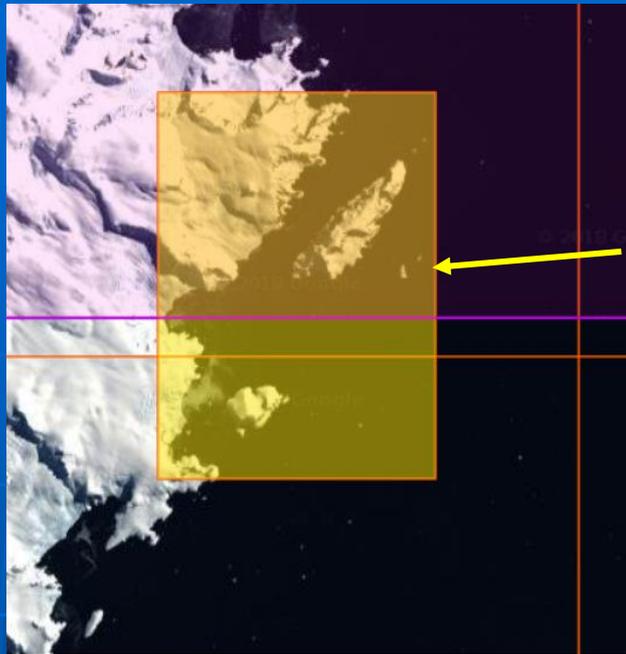
Cape Valentine
Very few vessel visits (174pax),
propose remove



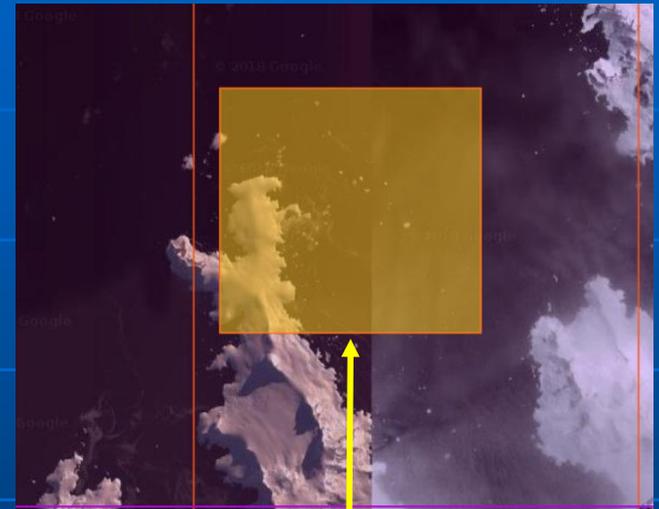
Vessel visits
retain



INT 9112

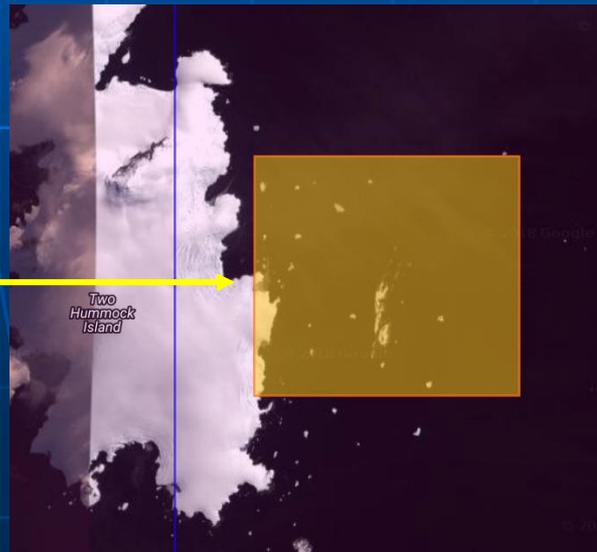


Freud Passage. No vessel traffic, propose remove



Portal Point. To be charted on INT9166, propose remove.

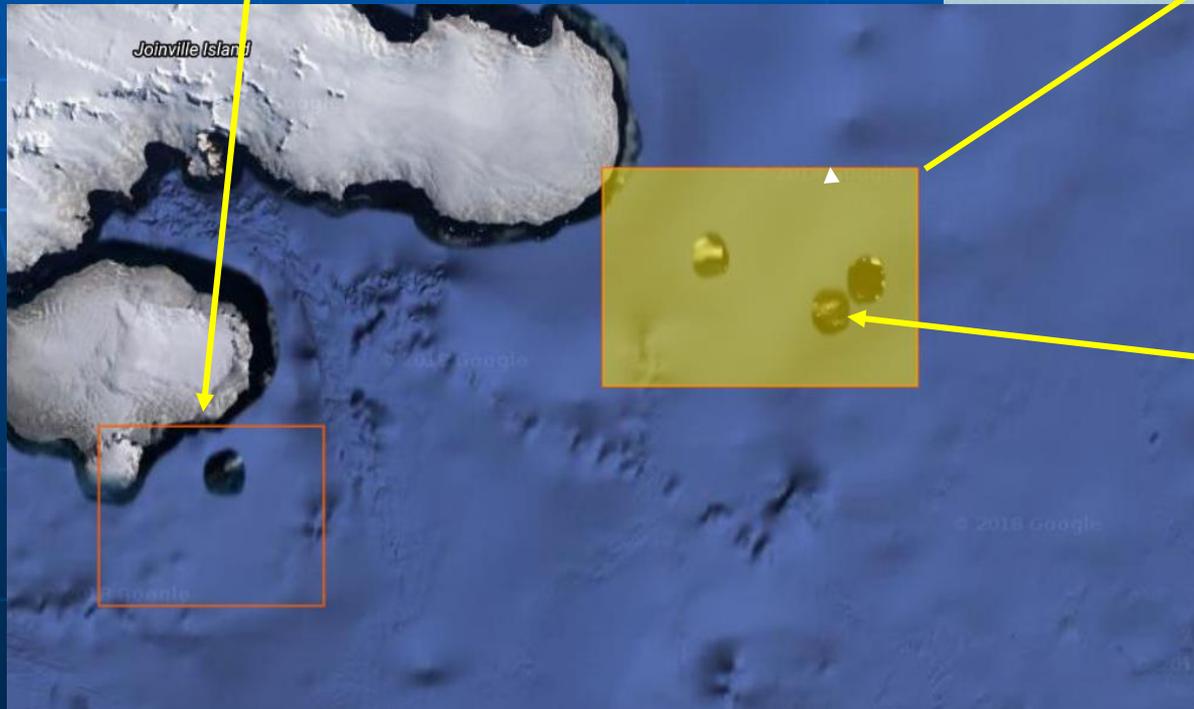
Hydrurga Rocks.
Already charted
on INT 9165,
propose remove



INT 9116

Current vessel movements.

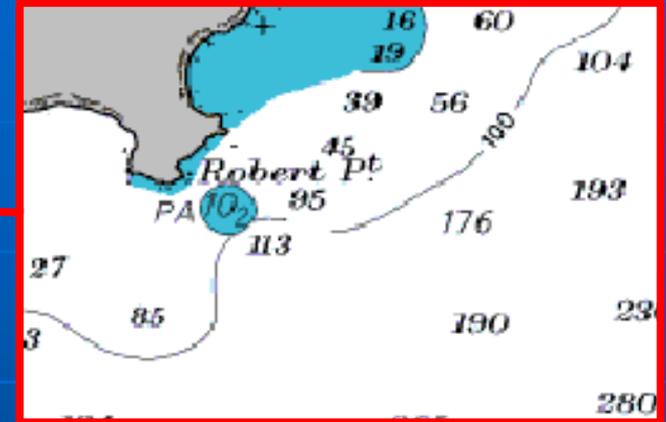
Vessel visits, retain.



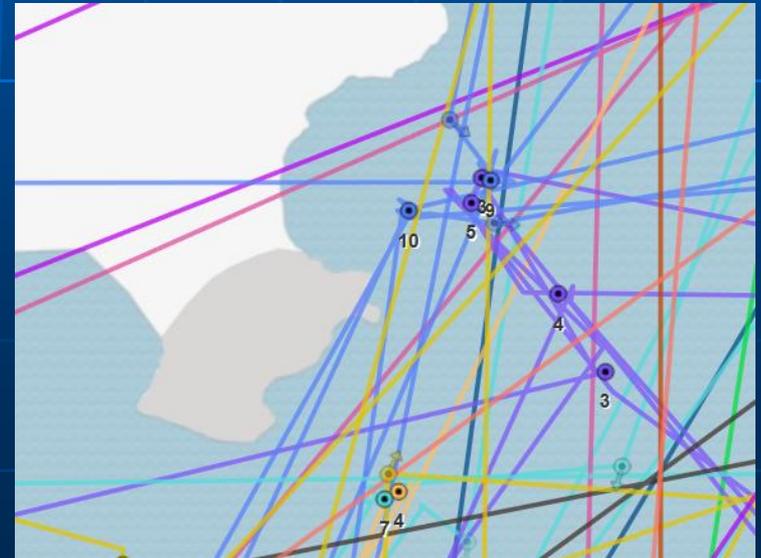
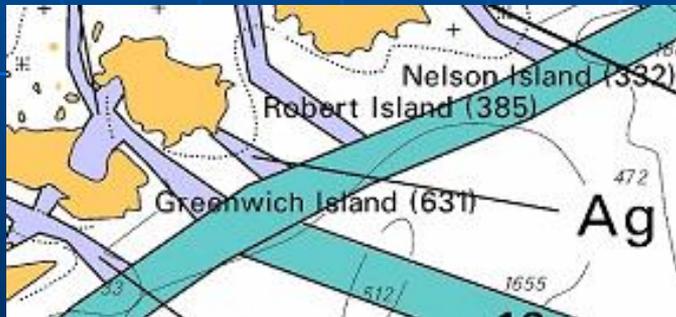
Limited vessel visits, propose remove



Proposed new INT chart for Robert Point, Robert Island, South Shetland Islands.



Current vessel movements

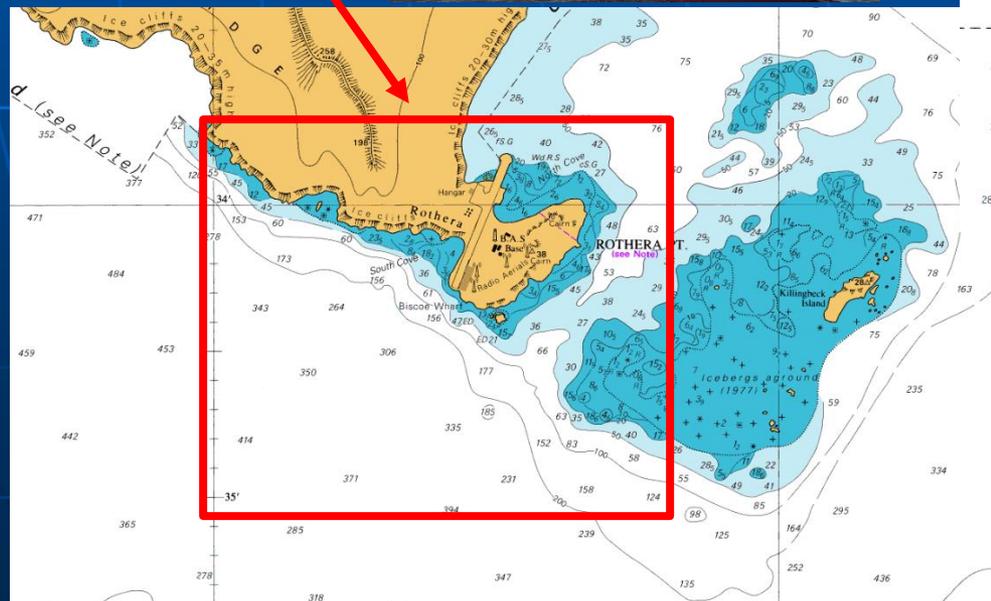
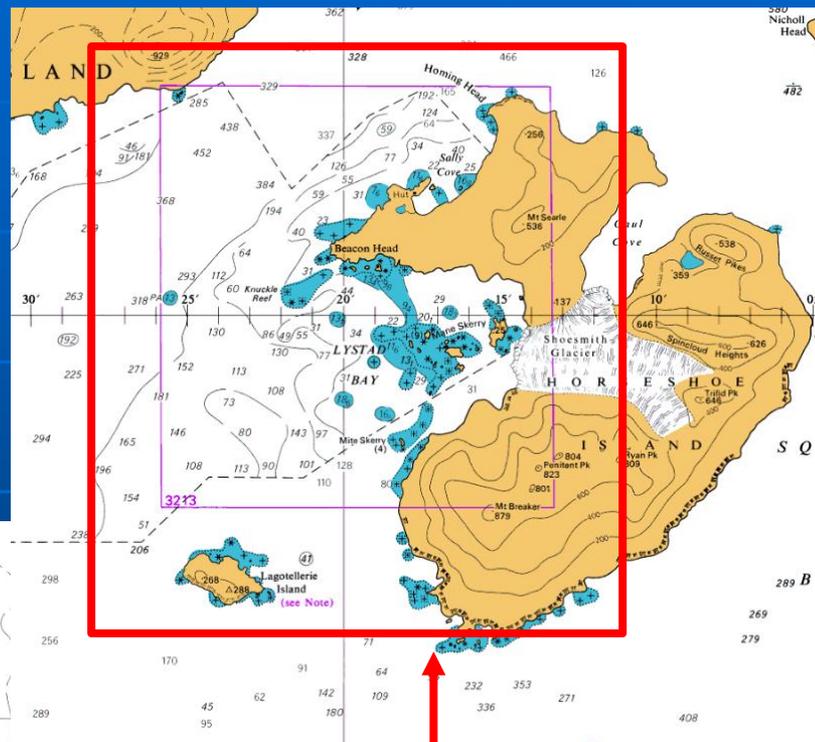


Existing MSR corridor "Ag"
2045 pax "2018/19"



Proposed New INT chart of Horseshoe Island and Biscoe Wharf

New large scale plan of Biscoe Wharf, Rothera Station, for berthing of new BAS vessel



New plan of Lystad Bay and Sally Cove for increased vessel traffic



Proposed additions, amendments and deletions to Region M INT scheme

- ✦ INT9112 – Yankee Harbour, Penguin Island, Robert Point, Point Wild and Cape Lookout
- ✦ INT9113 – Biscoe Wharf & Horseshoe Island (New)
- ✦ INT9114 – Fridtjof Sound, Brown Bluff & Paulet Island
- ✦ INT9130 – Crystal Hill to Devil Island, Devil Island, Gourdin Island and Approaches to Snow Hill Island

Scheme is now more geographically logical and has freed up INT9116 & INT9133 for future use



Plans deleted from INT scheme:

- ✦ Freud Passage, Portal Point & Hydrurga Rocks (INT9112)
- ✦ Cape Valentine (INT9113)
- ✦ Danger Islands (INT9116)
- ✦ Bald head, View Point, Matts Head, Crystal Hill & Camp Point (INT9130)



INTernational Chart Web Catalogue

- ✦ Region M continually updated as charts are published.
- ✦ All HCA15 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' (with a globe icon). A search bar contains 'SeaWay' and a 'Search' button. A warning banner states: 'You are using a browser that is not supported by the Google Maps JavaScript API. Consider changing your browser. Learn more Dismiss'. Below the search bar, there are input fields for 'INT Region' (set to 'M'), 'Prod.Nation', 'Pub Year', and 'Status' (set to 'All'). A 'Reset' button is also present. The main area features a satellite map of the Antarctic region with several colored rectangular overlays (blue, orange, purple) indicating chart areas. On the left, a 'CHART List' shows 113 items, including '900:Ross Sea', '901:De Cape Goodenough ...', '902:Mawson and Davis Seas', '903:Sodruzhestva Sea an...', '904:Dronning Maud Land', '905:South Sandwich Isla...', '906:Weddell Sea', '907:Antarctic Peninsula', '908:Bryan Coast to Mart...', '909:Mount Siple - Cape ...', '9000:Terra Nova Bay to M...', and '9001:Cape Royds to Pram ...'. On the right, a 'CHART Layers' panel is visible, showing options for 'All Layers', 'OverView', 'General', 'Coastal', 'Approach', 'Harbour', and 'Berthing'. The bottom of the interface includes a 'Google' logo, 'Map data ©2016 Imagery ©2016 NASA, TerraMetrics Terms of Use', and a coordinate display: '134° 15.28' W / 78° 28.43' S'. A small logo is visible in the bottom left corner.

IHO HCA collaboration with IAATO

- ✦ Since HCA13 the Region M Coordinator has been given 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

