

HYDROGRAPHIC COMMISSION ON ANTARCTICA



HYDROGRAPHY PRIORITIES WORKING GROUP
HCA14 TROMSØ, NORWAY

Work completed since HCA13

- Review of paper chart and ENC scheme for Region M (*HCA14-09.1A*)
- Review of MSRs and updating of Survey Priorities lists (*HCA 14-09.3B*)
- Proposal to add two new MSRs to support new INT chart proposals (*HCA14-09.1A*)
- IAATO 2015/16 visitor statistics checked against MSRs and INT chart/ENC coverage
- Use of IAATO “real time” AIS to monitor vessel locations and deficiencies in navigational coverage.

Work completed since HCA13 cont'd

- HCA/IAATO cooperation tasking vessels to report on Navigational Aids
- Proposal to provide “quick reference” MSR graphic showing MSRs completed to modern standards
- Annual reminders!



Proposal to add two new MSRs to existing plan and priorities list (*HCA14-09.3B*) to support new INT chart proposals (*HCA14-09.1A*)

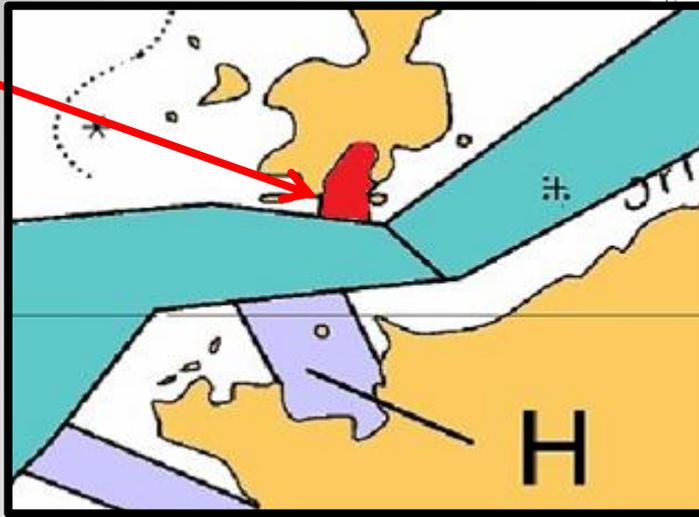
1. Mikkelsen Harbour and approaches

- New INT chart and ENC proposed
- 20 vessels using this landing through 2015/16 season
- 8806 total landings 2015/16 season
- Argentine Refuge on Island

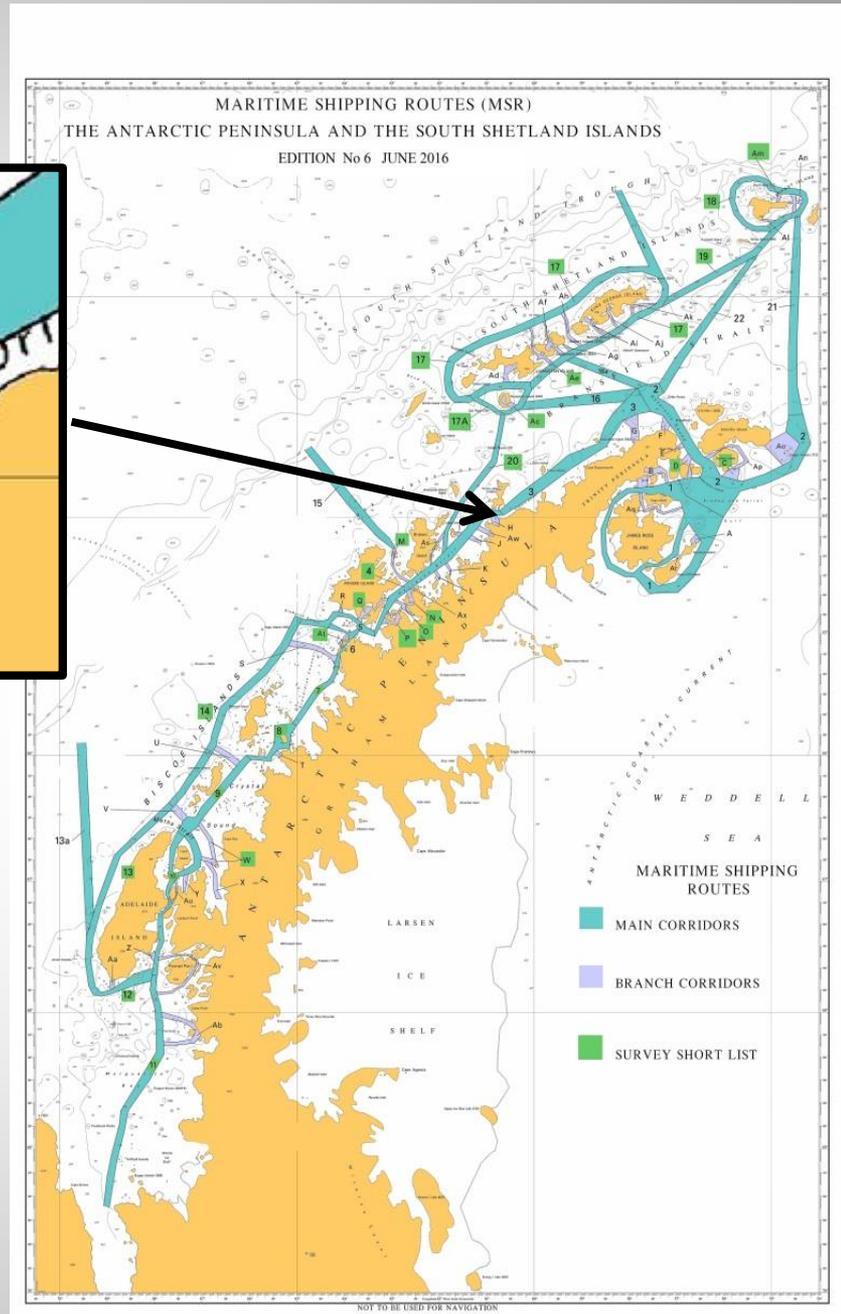
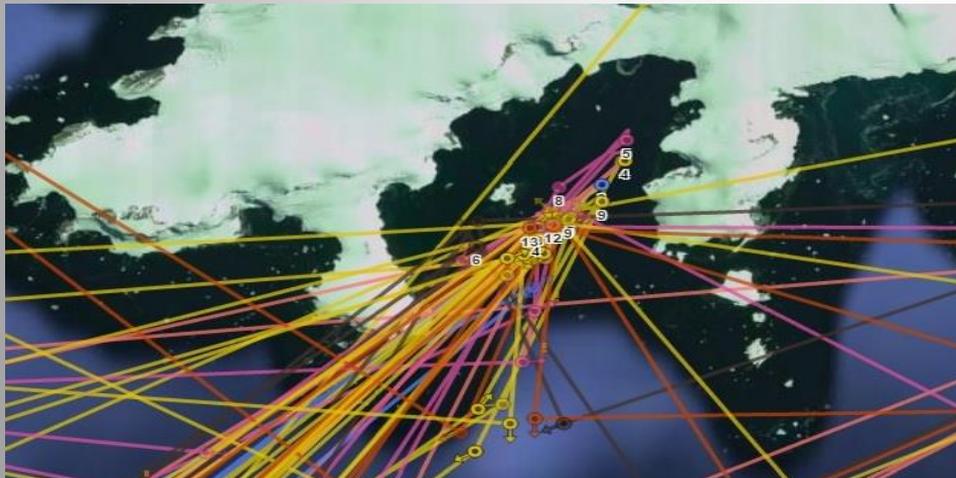


Mikkelsen Harbour MSR

New MSR



2015/16 AIS data



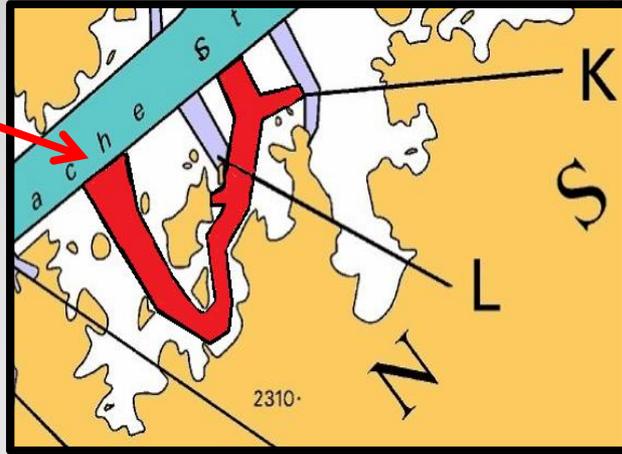
2. Wilhelmina Bay and Foyn Harbour

- New INT chart and ENC proposed
- 24 vessels landing and cruising through 2015/16 season
- 12626 (Wilhelmina Bay), 1833 (Foyn Harbour) total landings/cruises 2015/16 season
- New route to connect up with MSRs “L” (Enterprise Island) and “K” (Portal Point)

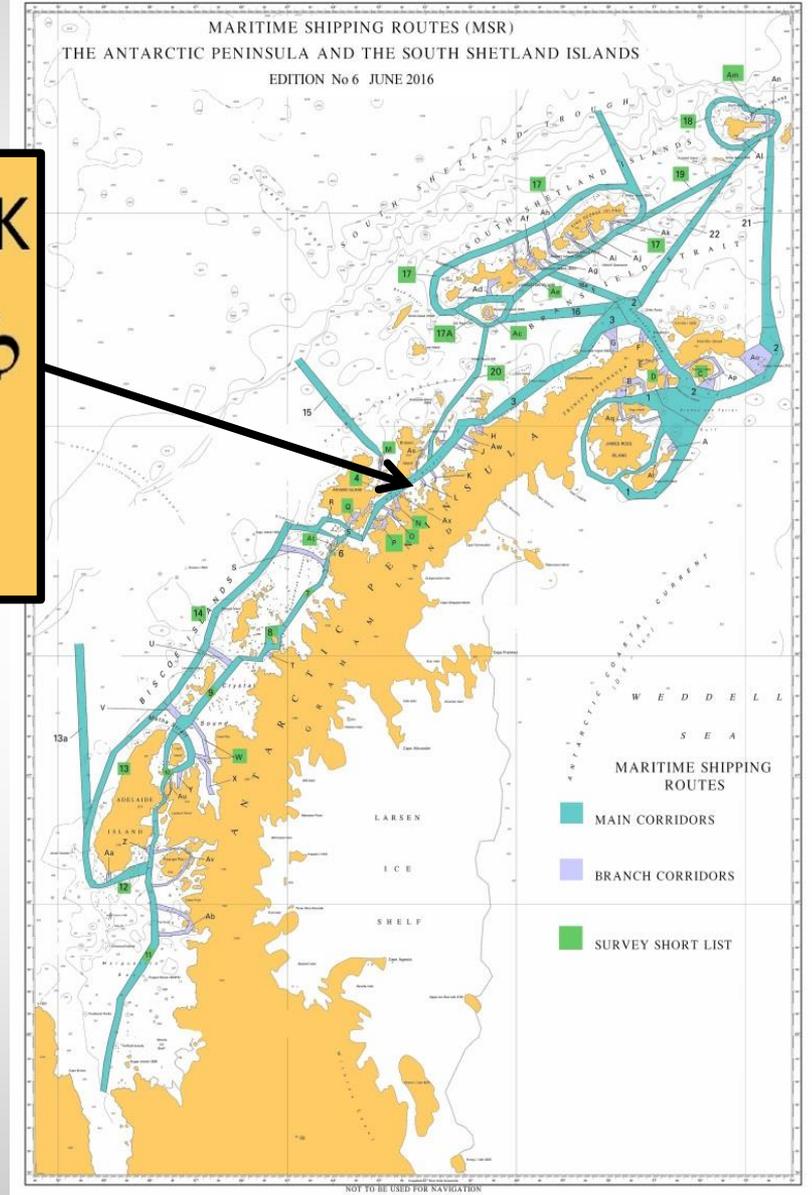
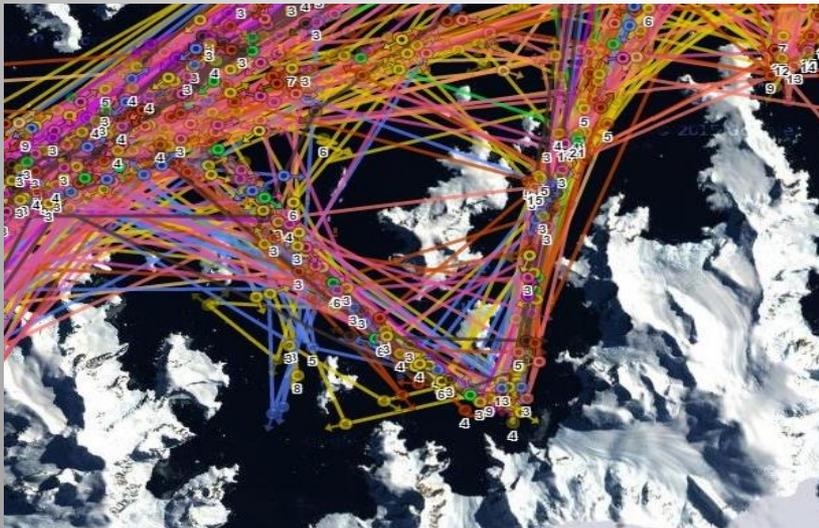


Wilhelmina Bay/Foyn Harbour MSR

New MSR



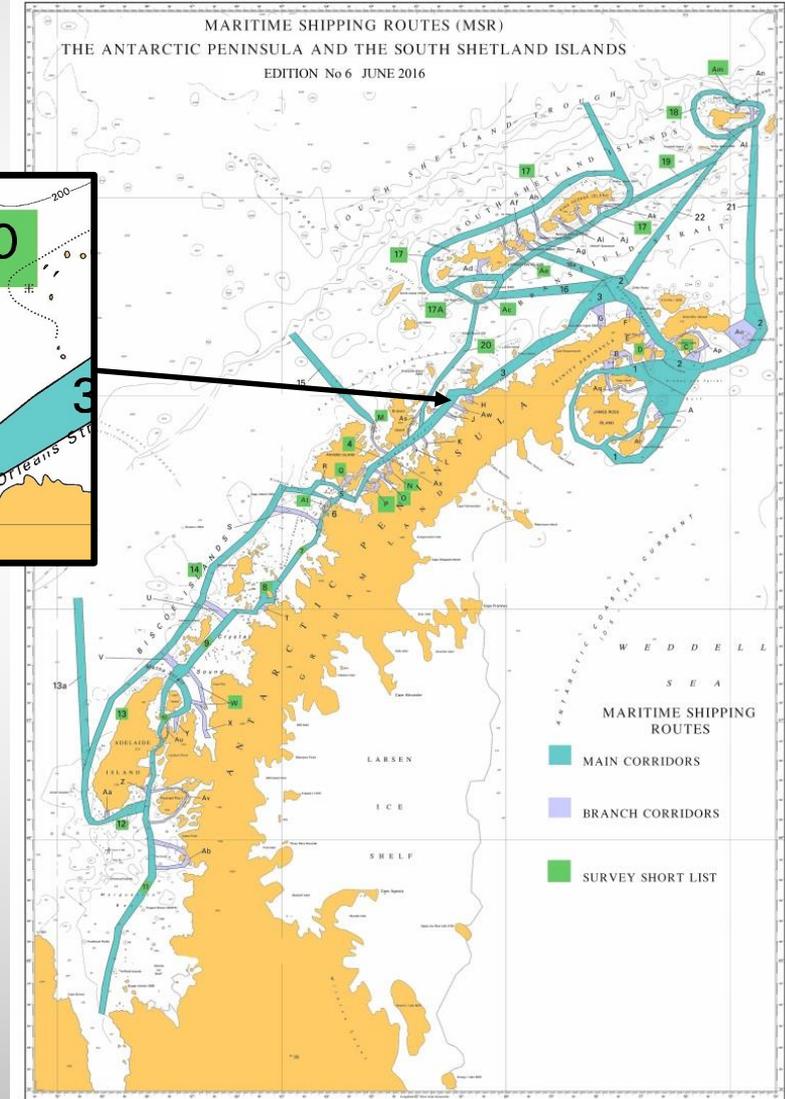
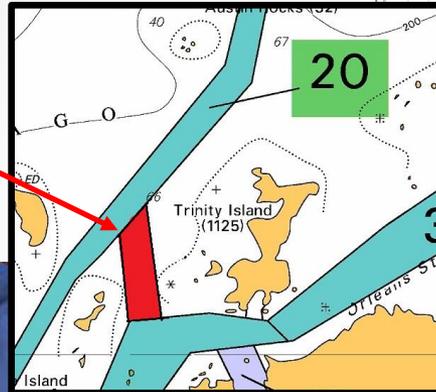
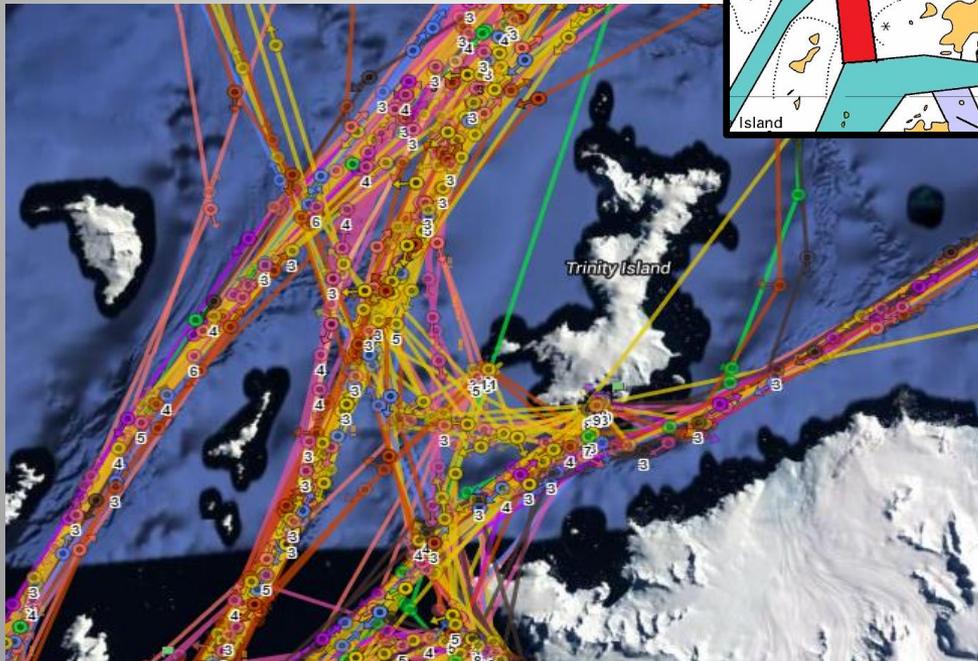
2015/16 AIS data



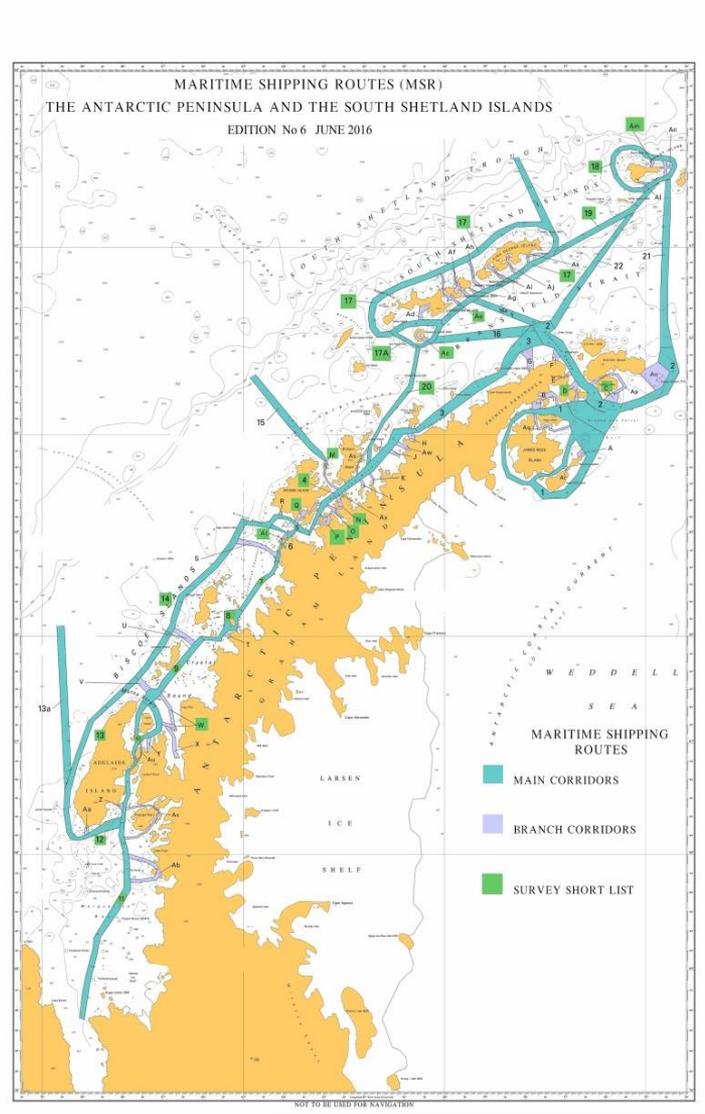
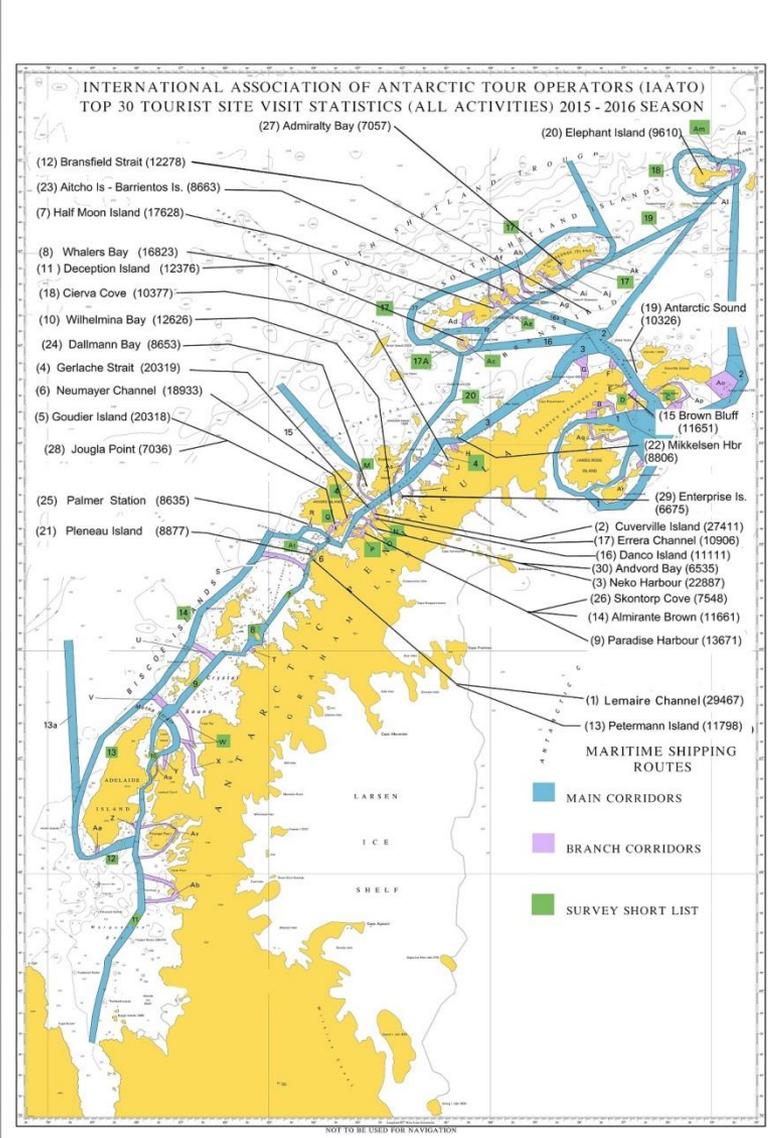
Amendment to MSR 4 – Gerlache Strait

- Following study of AIS data it is proposed to extend MSR 4 to the North to join up with MSR 20

Proposed extension



Updated IAATO top 30 visit statistics for 2015/16 season compared against current MSR routes and priorities



AIS and the tracking of vessel movements

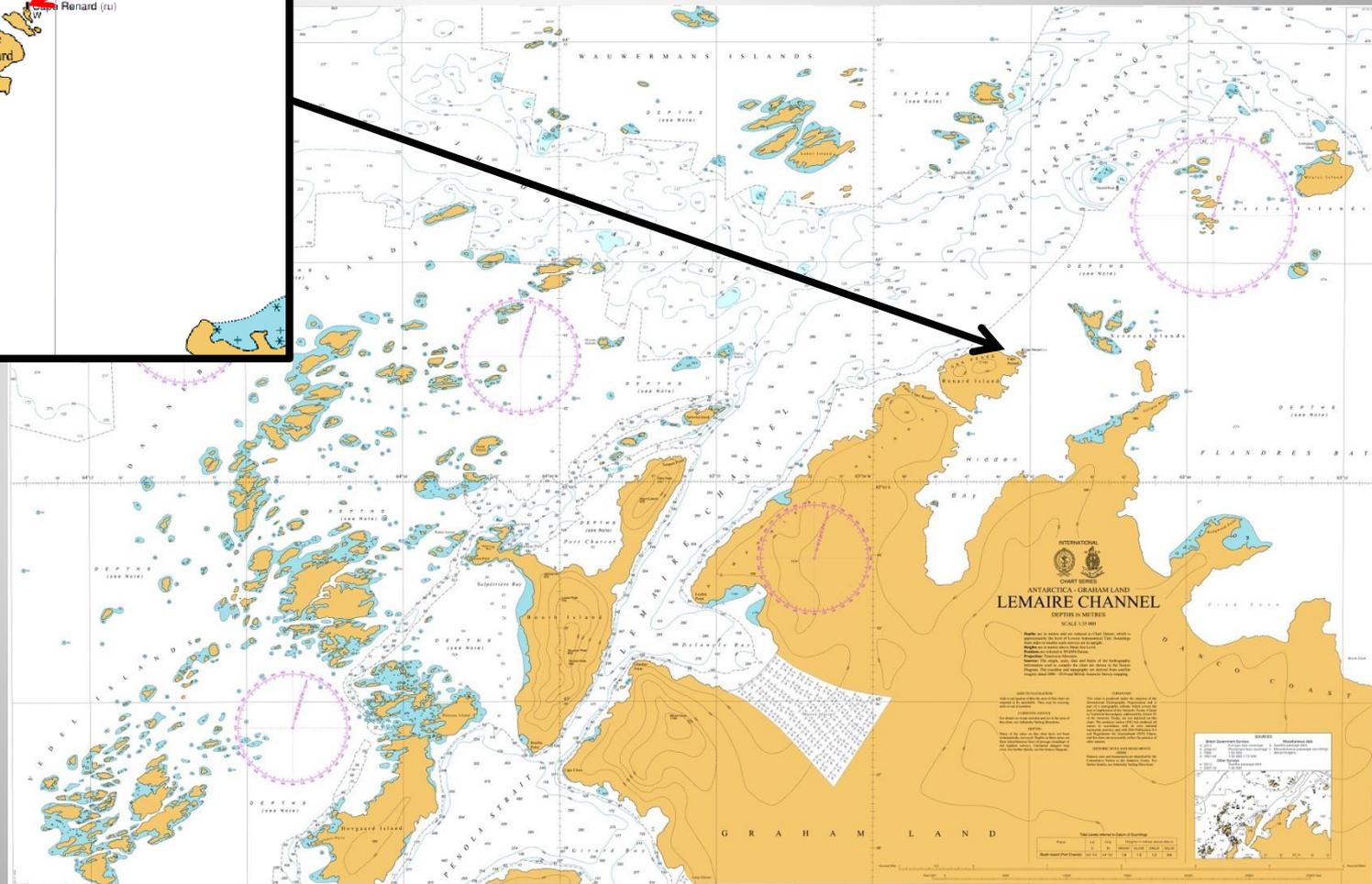
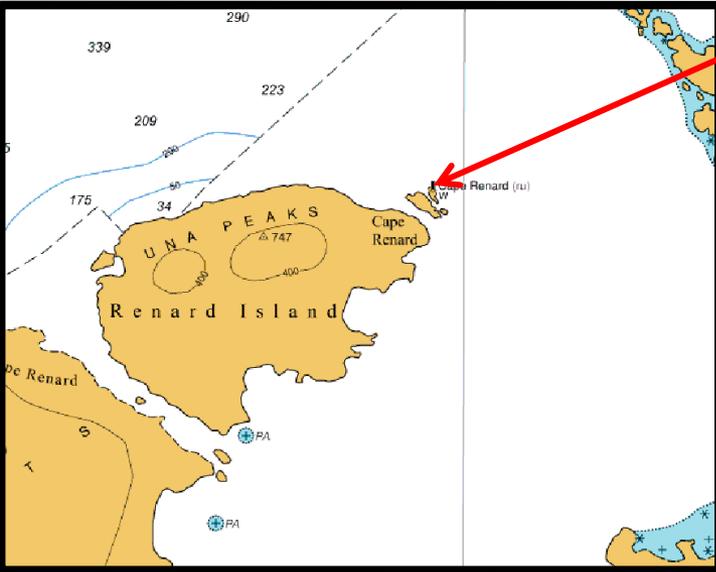
- Access to IAATO vessel locations – greatly appreciated
- Provides excellent method of checking currency of MSRs and highlighting gaps in charting/ENC coverage
- Provides idea of ice conditions and navigable water
- HPWG chair to produce detailed weekly AIS monitoring report overlaid on INT scheme and MSR priorities lists
- MS to encourage Government and scientific vessels to participate in providing AIS data

Navigational aids – do they exist and are there any more?

- For years charts have shown lights and beacons with very few reports of existence
- New beacons have been seen with no official metadata.
- How can we keep the list of navigational aids current?
- It is the duty of all interested parties to participate in this task and conduct an audit of known/unknown aids
- Inform your vessels to keep their eyes open!!

INT 9118 – published 2015

Cape Renard "Light" Beacon – position approximate



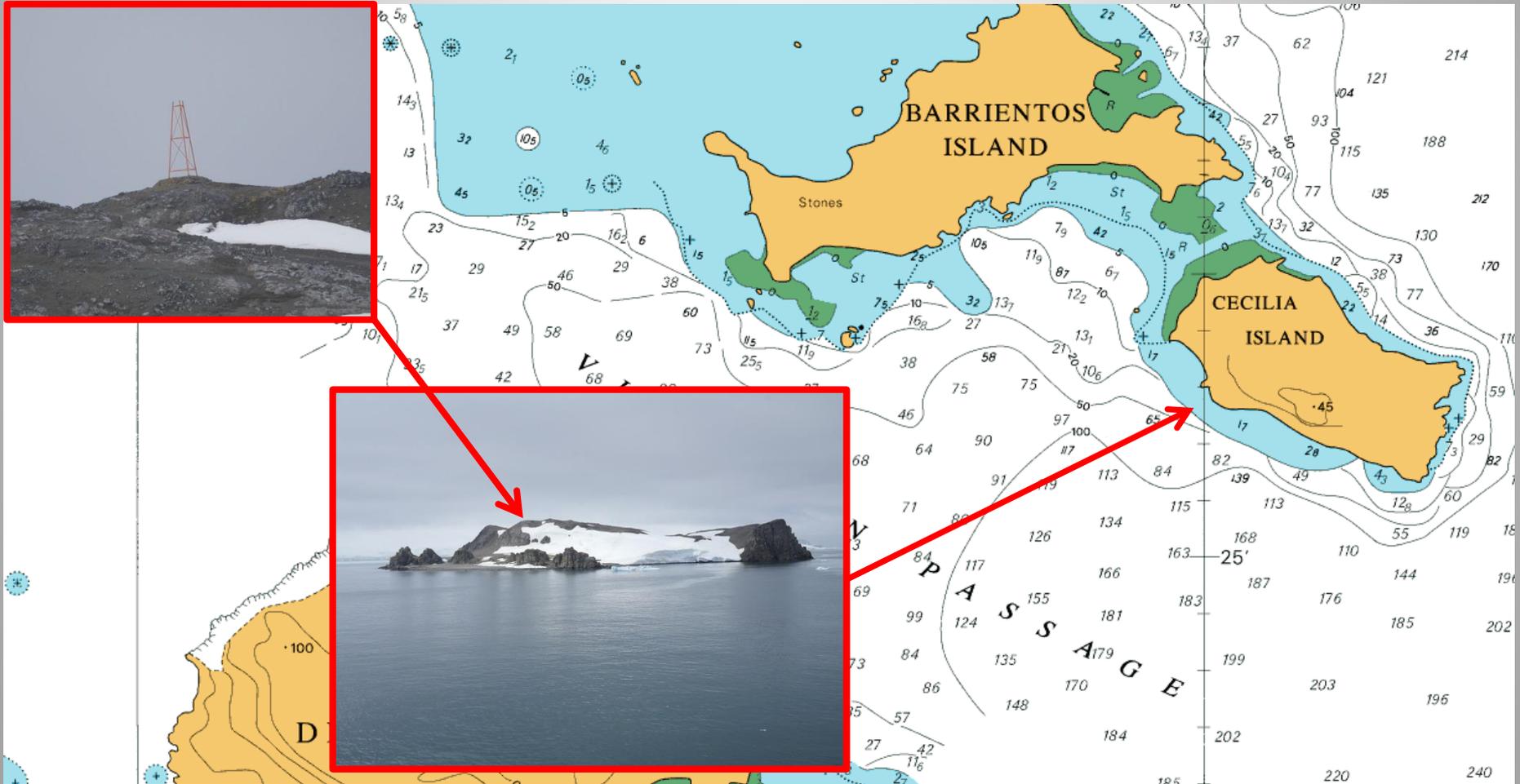
Following discussions with IAATO, message sent out to all vessels for assistance.....



Not lit anymore! But the ruin is now accurately positioned! Thanks to excellent cooperation from IAATO

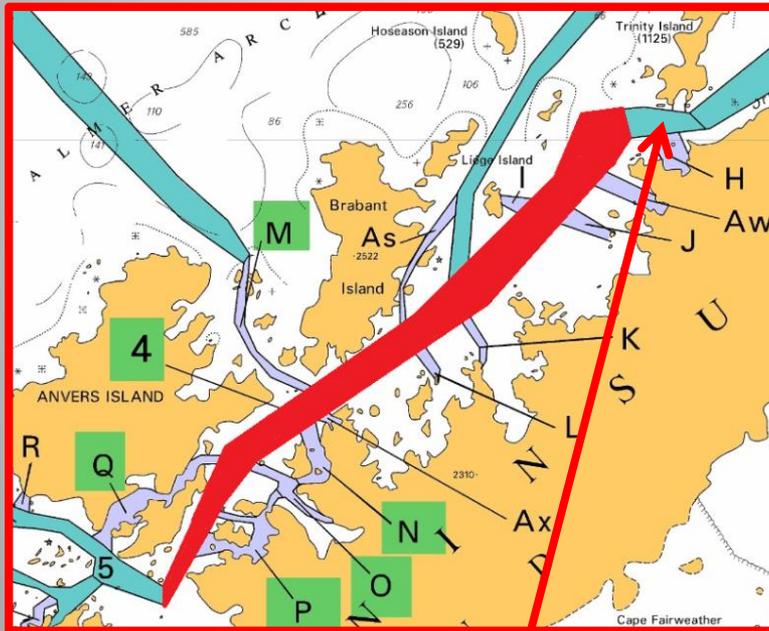


Information received from contact on IAATO vessel of uncharted beacon

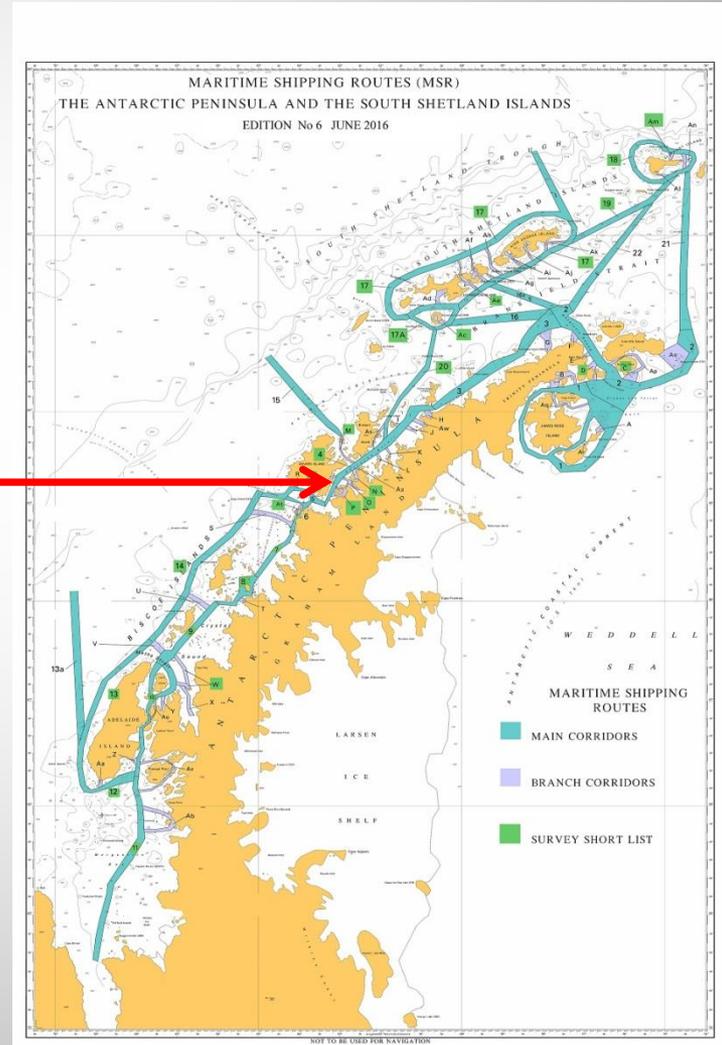


Additional MSR graphic to show areas that have been surveyed to modern standards, indicating areas of routes that are complete. To be used in conjunction with Survey Priority Lists & IHO HCO GIS

MSR No4 97% complete



3% remaining



ANNUAL REMINDERS

MS to supply HCA HPWG Chair of planned surveys

MS and Observers to encourage the use of the IHO Data Rendering Form

June 2010



IHO Collection and Rendering of Hydrographic Data Form (To be used by Ships of Opportunity-SOO¹ in Antarctica)

The objective of this IHO Form is to facilitate the provision of the essential information required by the appropriate National Hydrographic Office to make use of the hydrographic data collected by a SOO in Antarctica. The Form has four sections: General information, Hydrographic Surveying information, Navigational Aids and Ancillary information and Data Format.

This Form together with all the documentation should be completed and made available to the:

International Hydrographic Organization
4 quai Antoine 1er B.P. 445 MC 98011 Monaco Cedex, MONACO
Phone +377 93108100 Fax + 377 93108140 e-mail info@iho.int

SECTION 1 « General Information »

General Area	Antarctic Peninsula <input type="checkbox"/>	Antarctic Continent <input type="checkbox"/>	Other (Please specify) <input type="checkbox"/>
	South Orkneys <input type="checkbox"/>	South Shetlands <input type="checkbox"/>	
Location			
Name of Vessel			Draught : (in meters) <input type="text"/>
Name of Captain			Date : <input type="text"/>
OBSERVATIONS : (Note 1)			

HCA12-07.1E

INTERNATIONAL HYDROGRAPHIC ORGANISATION



HYDROGRAPHIC COMMISSION ON ANTARCTICA REQUEST FOR BATHYMETRIC DATA

The Hydrographic Office of is about to commence a New Edition/New Chart of INT: ****

Chart limits	
North	<input type="text"/>
South	<input type="text"/>
East	<input type="text"/>
West	<input type="text"/>
Scale	<input type="text"/>
Datum	<input type="text"/>
Projection	<input type="text"/>
Central Meridian / standard parallel	<input type="text"/>
All data	<input type="text"/>
Data required since	DD/MM/YYYY
Date required by	DD/MM/YYYY

Data (nil returns required)

Source	Source date	Metadata (e.g. file format, horizontal datum, vertical datum, tidal corrections applied, singlebeam/multibeam, SV applied, digital or analogue, etc.)

Supplied by the Hydrographic Office of

Date:

MS to remember to use “Request for Bathymetric Data” form when commencing INT chart production