

2nd MEETING BETWEEN IHO AND EUROPEAN COMMISSION Brussels, 5 April 2013 Geographic Information System for IHO Publication C-55 Status of Hydrographic Surveying and Nautical Charting Worldwide

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IHB

Background

+ IHO Convention (as amended):

It shall be the object of the Organization:

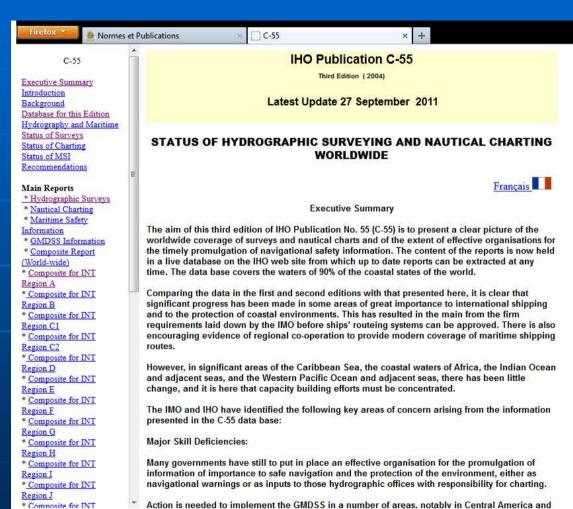
(...)

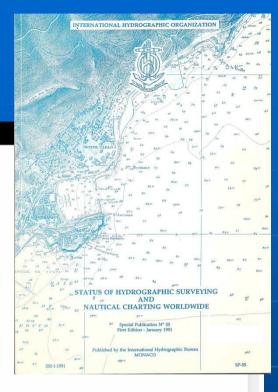
- (b) To improve global coverage, availability and quality of hydrographic data, information, products and services and to facilitate access to such data, information, products and services;
- + IHO Strategic Plan (2009):

The IHO will strive to achieve global coverage and availability of high quality official hydrographic data, information, products and services necessary for safety of navigation at sea and for non-navigational uses, e.g. by means of the developing spatial data infrastructure (...)



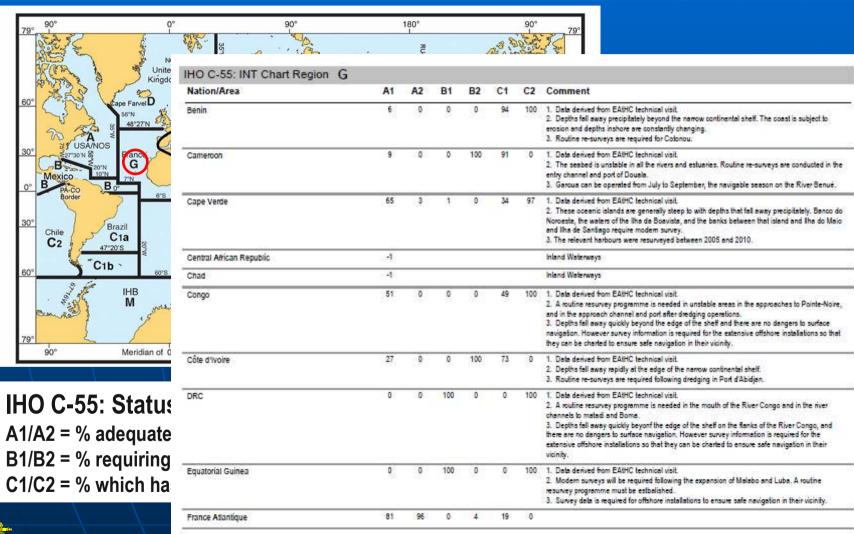
Status of survey coverage: C-55





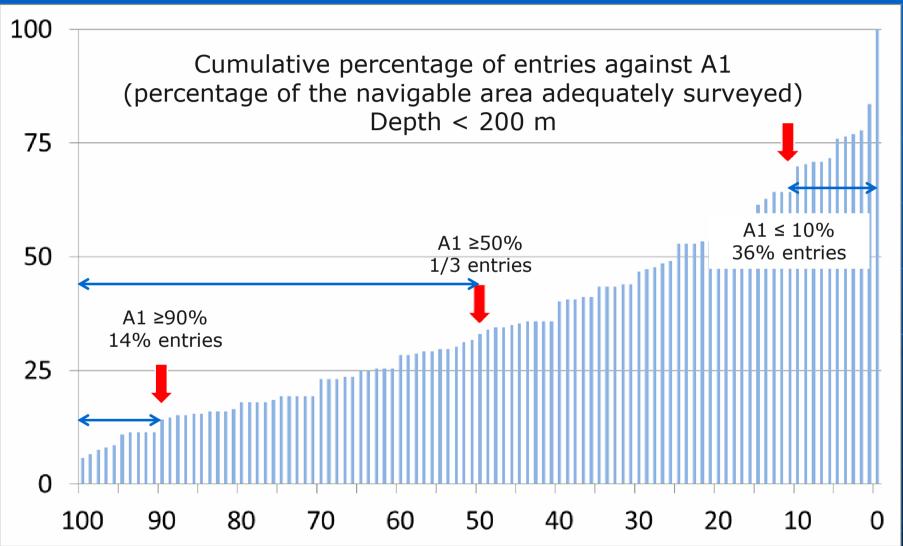


Status of survey coverage: C-55





Status of survey coverage: C-55





Status of survey coverage: limitations of C-55

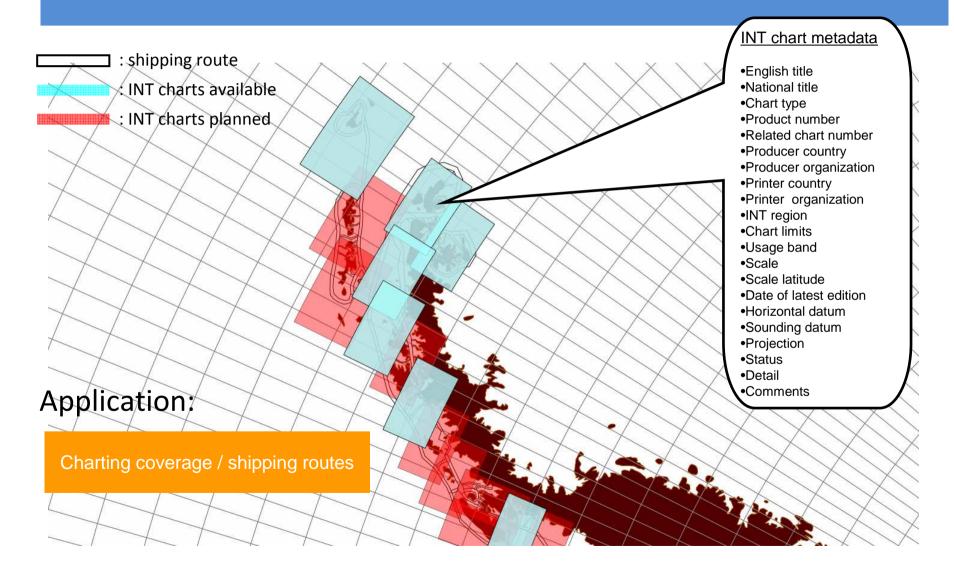
- No spatial information on location / extent of gaps
- Adequacy / safety of navigation only
- ➡ IHO Work Programme Task: Develop IHO GIS and web server and web mapping services in support of RHCs, ENC availability, INT chart coordination (Pub S-11), status of surveys, charting and hydrographic capabilities (Pub C-55) and other related activities:
 - IHO Yearbook (Pub P-5 + Appendix 4 Pub M-2)
 - Geographical Names of Undersea Features (Pub B-8)
 - Tide records

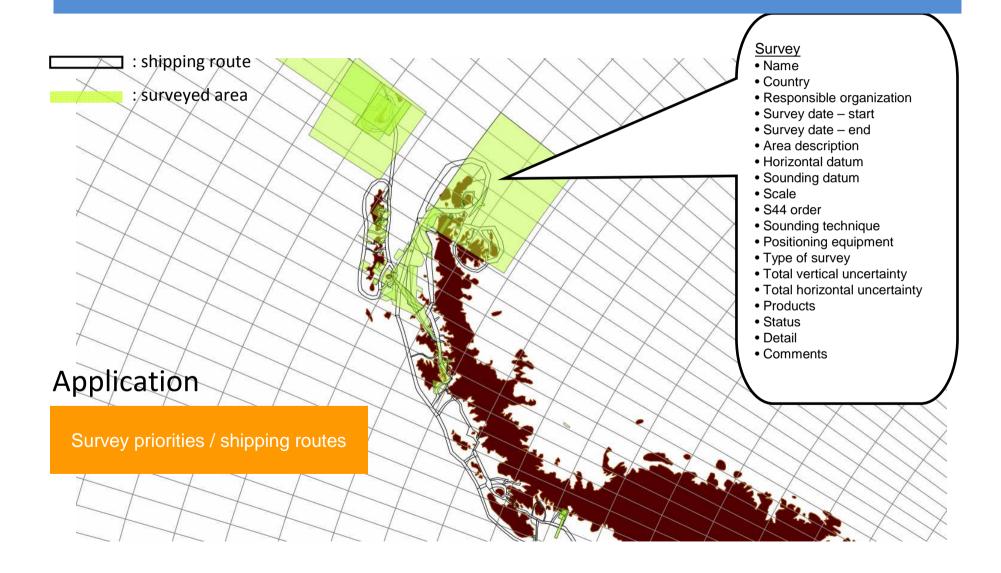


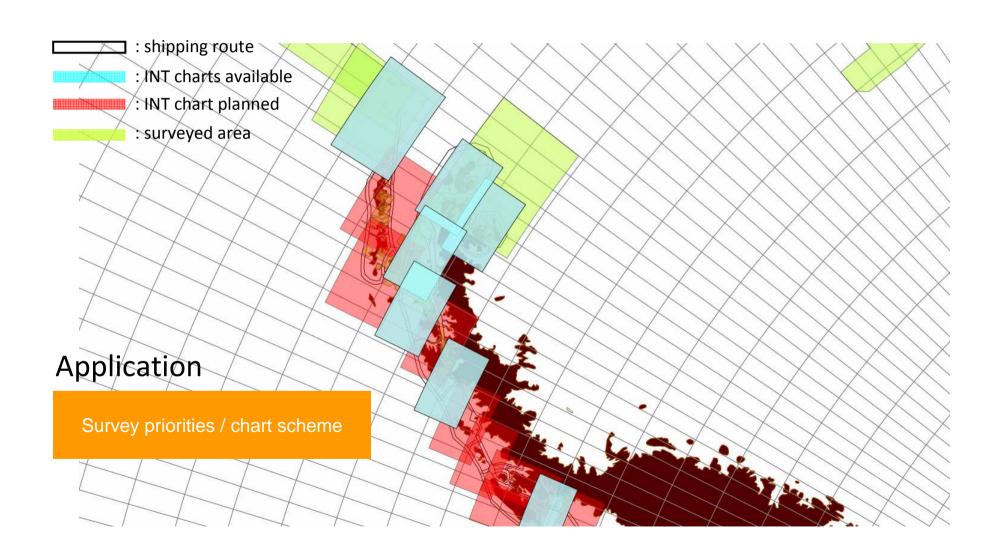
- + Scope:
 - State Database
 - Geographical coverage and metadata of ...
 - International (INT) charts schemes
 - ENCs
 - Surveys
 - Tidal records
 - Undersea Features Names
 - User requirements

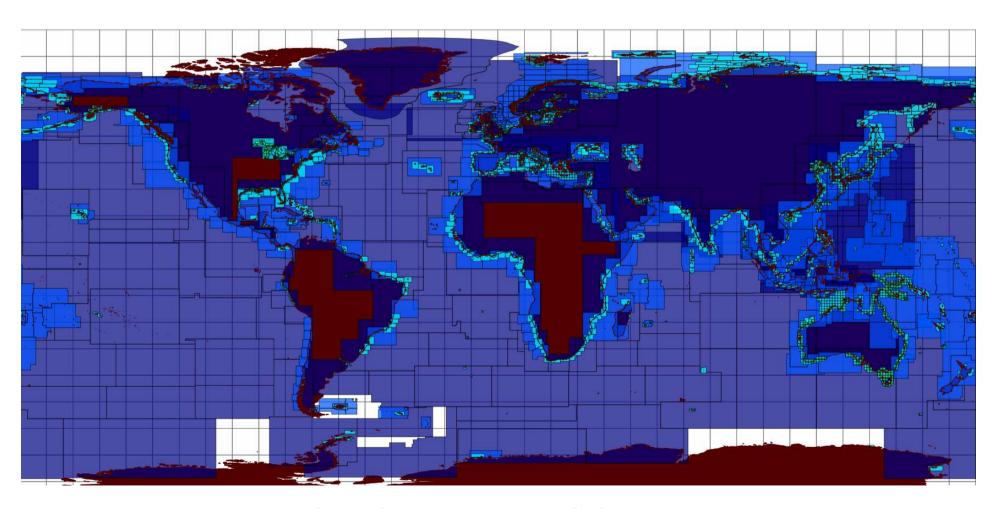


+ Pilot project: Antarctica GIS

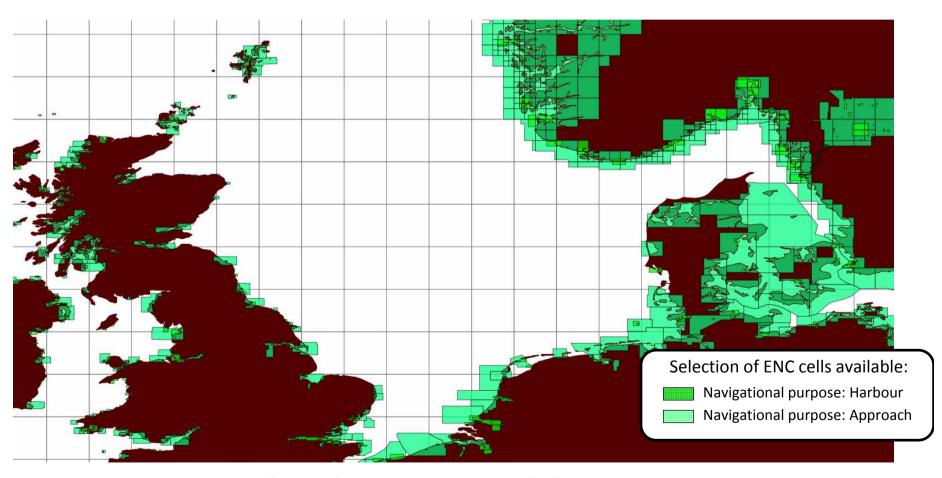






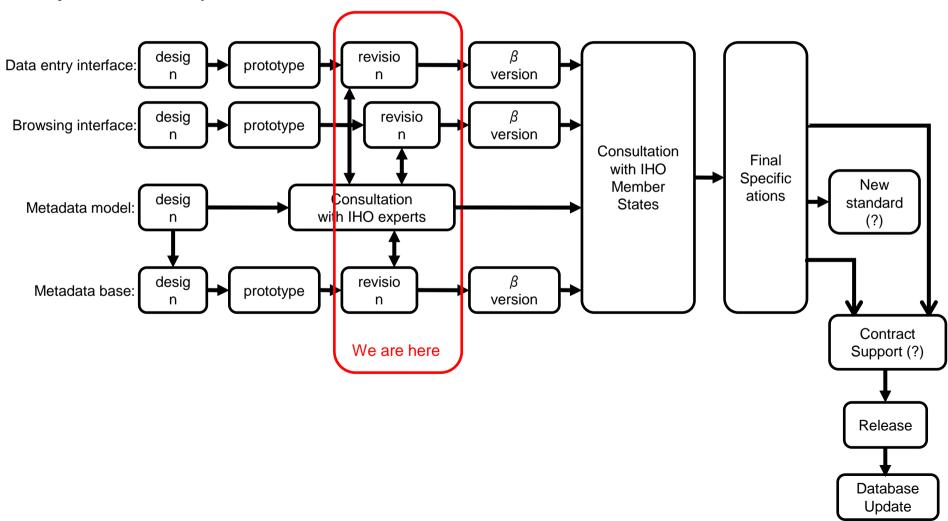


IHO ENC Worldwide ENC Catalogue



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Project Road Map



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