

Hydrographic Commission on Antarctica

June 2016



Last meeting

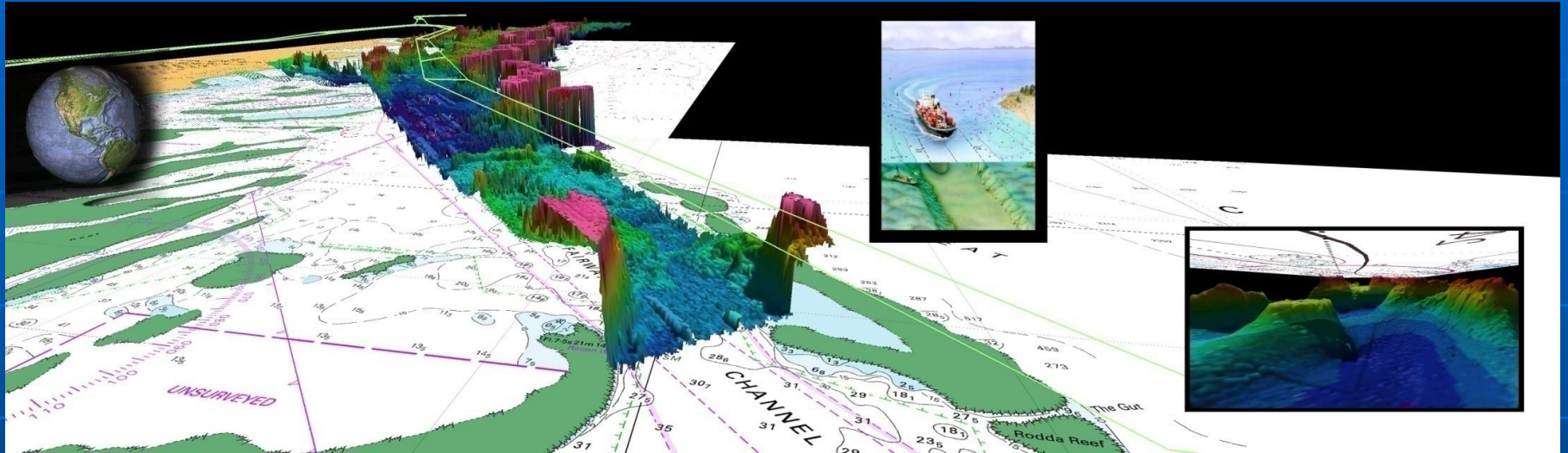
- Cadiz, Spain
 - December 2013

This meeting

- excellent IHO participation !
- limited stakeholder participation !!!!



IHO Overview



IHO Purpose :

... through the collaborative efforts of its Member States
... ensure that the world's seas, oceans and navigable
waters are adequately surveyed and charted



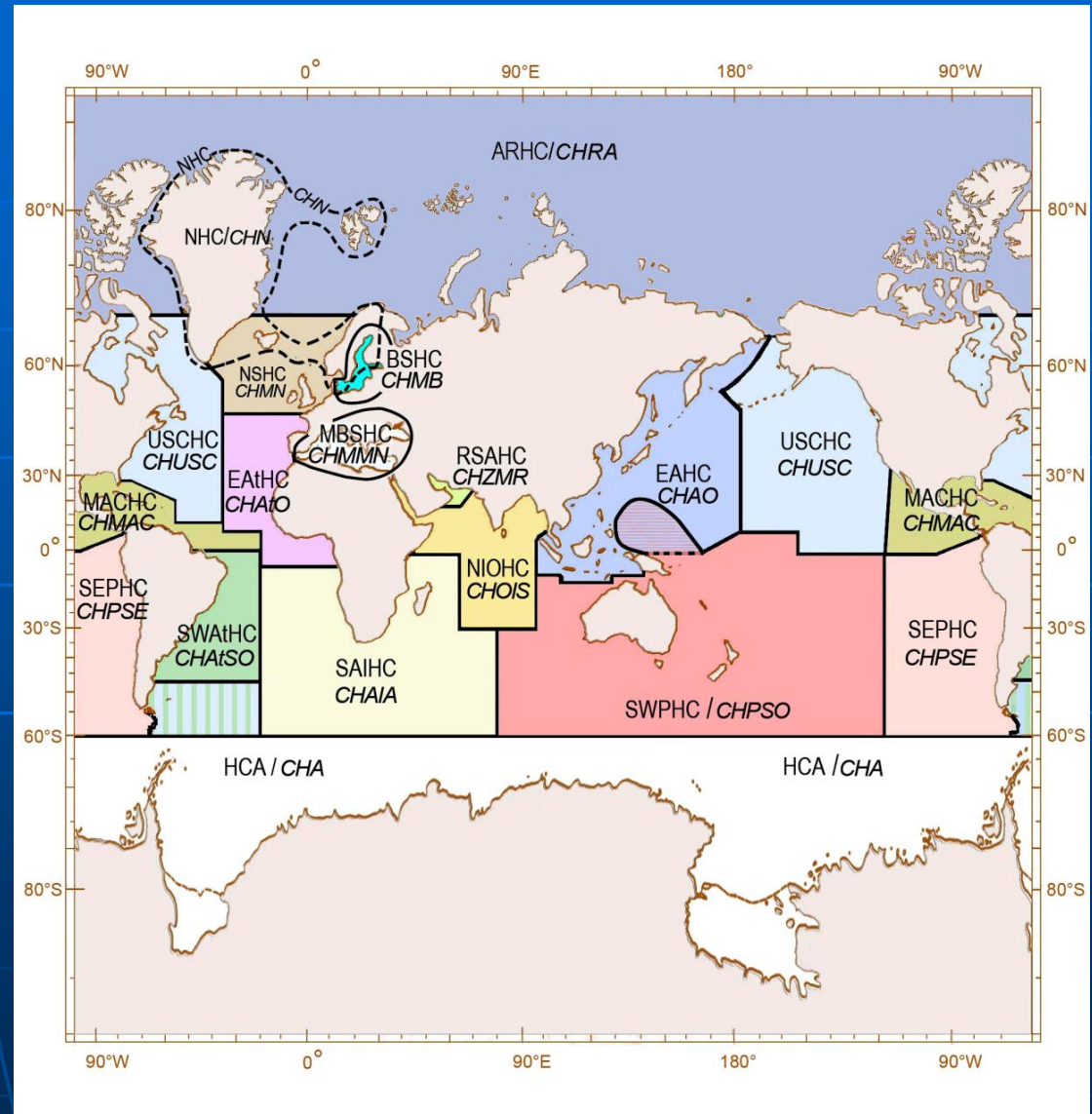
Regional Hydrographic Commissions

- Technical programme
- Regional coordination programme
- Regional coordination of
 - charting and survey priorities
 - charting schemes
 - bilateral and multi-lateral cooperation
 - outreach
 - access to data
 - technical cooperation



Regional Hydrographic Commissions

- 15 RHCs
- + Hydrographic Commission on Antarctica



IHO Assembly

IHO Council

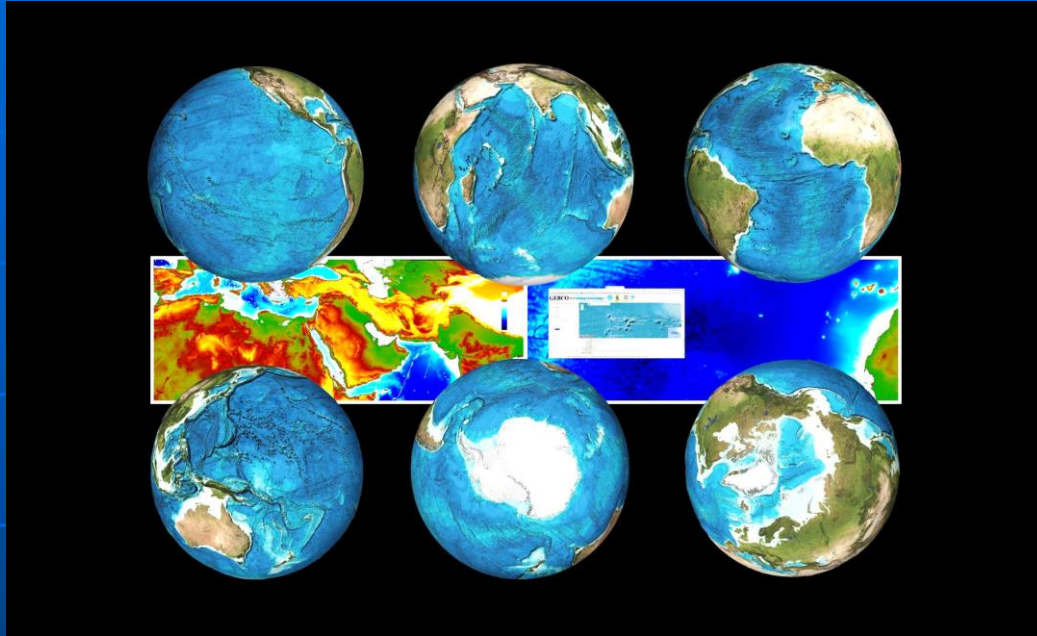
Hydrographic Services and Standards Committee (HSSC)

Finance Committee (FC)

Inter-Regional Coordination Committee (IRCC)



Survey and charting status 2016



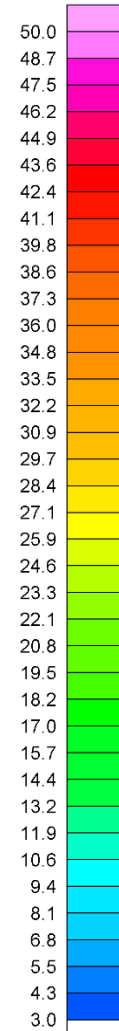
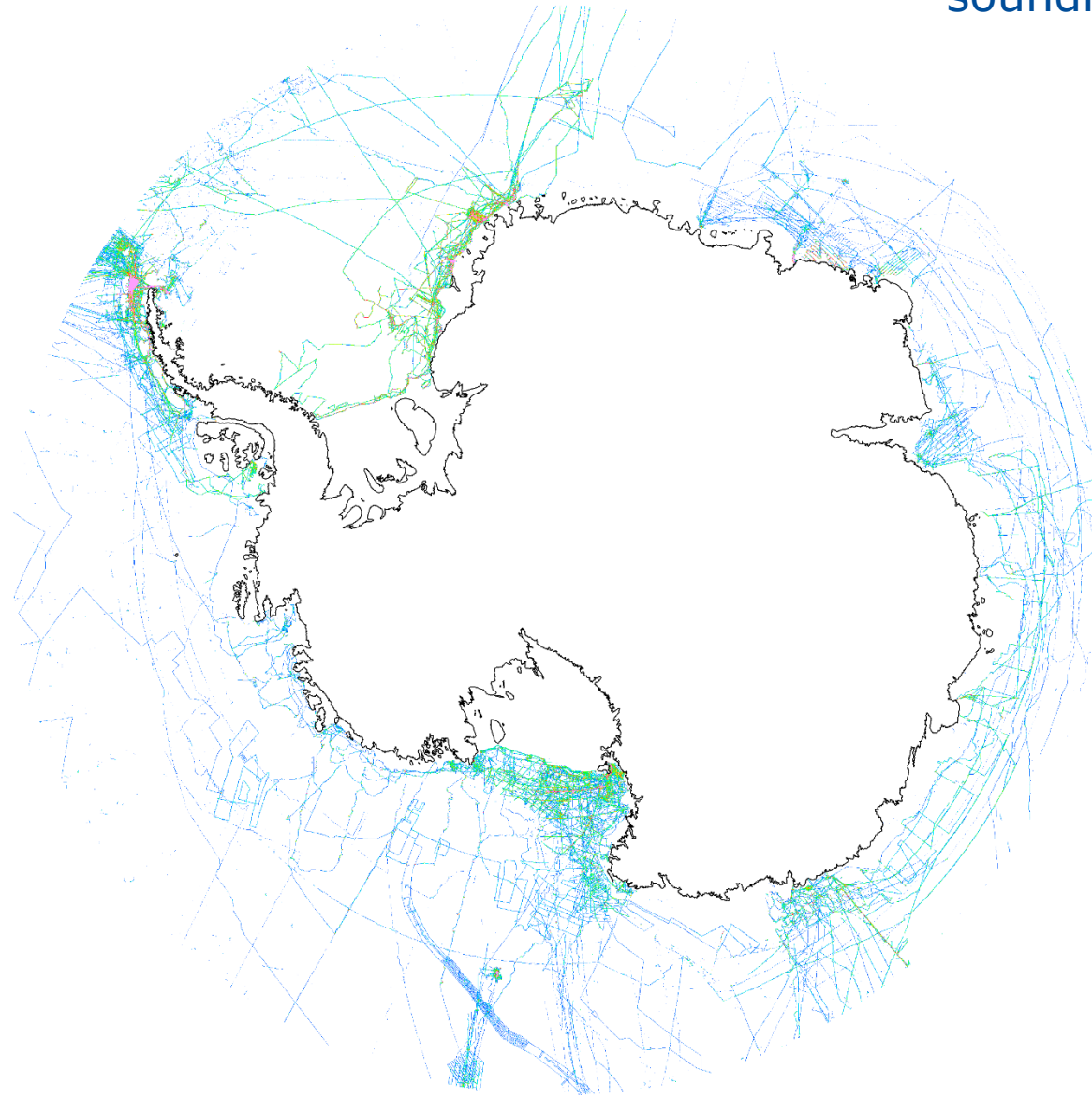
Deep Ocean (+200m deep) - less than 10% has been measured directly
(depths from echo sounders more than 60 miles apart)

Coastal waters > 50% unsurveyed

Antarctic coastal waters > 95% unsurveyed



soundings per 2km

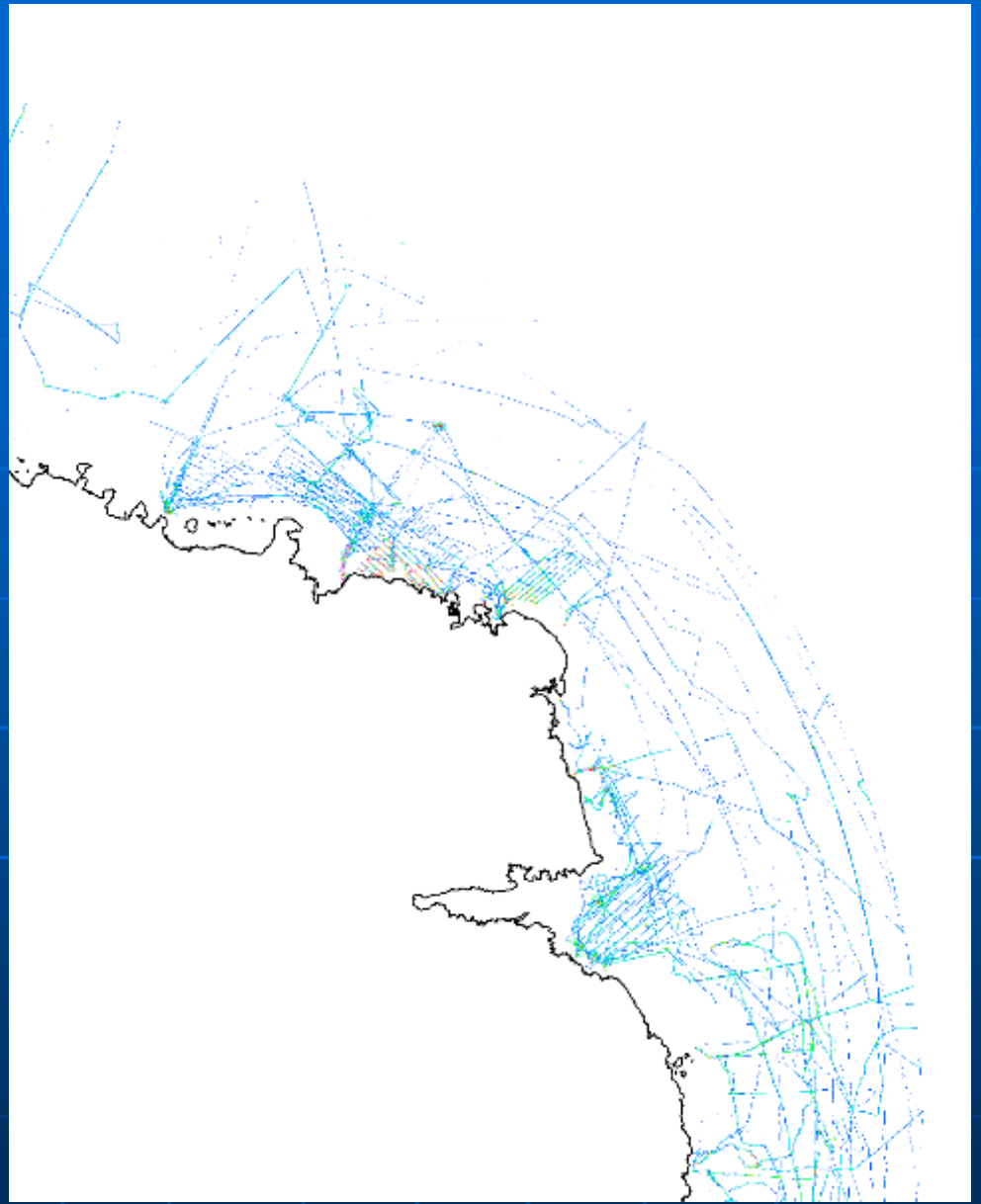


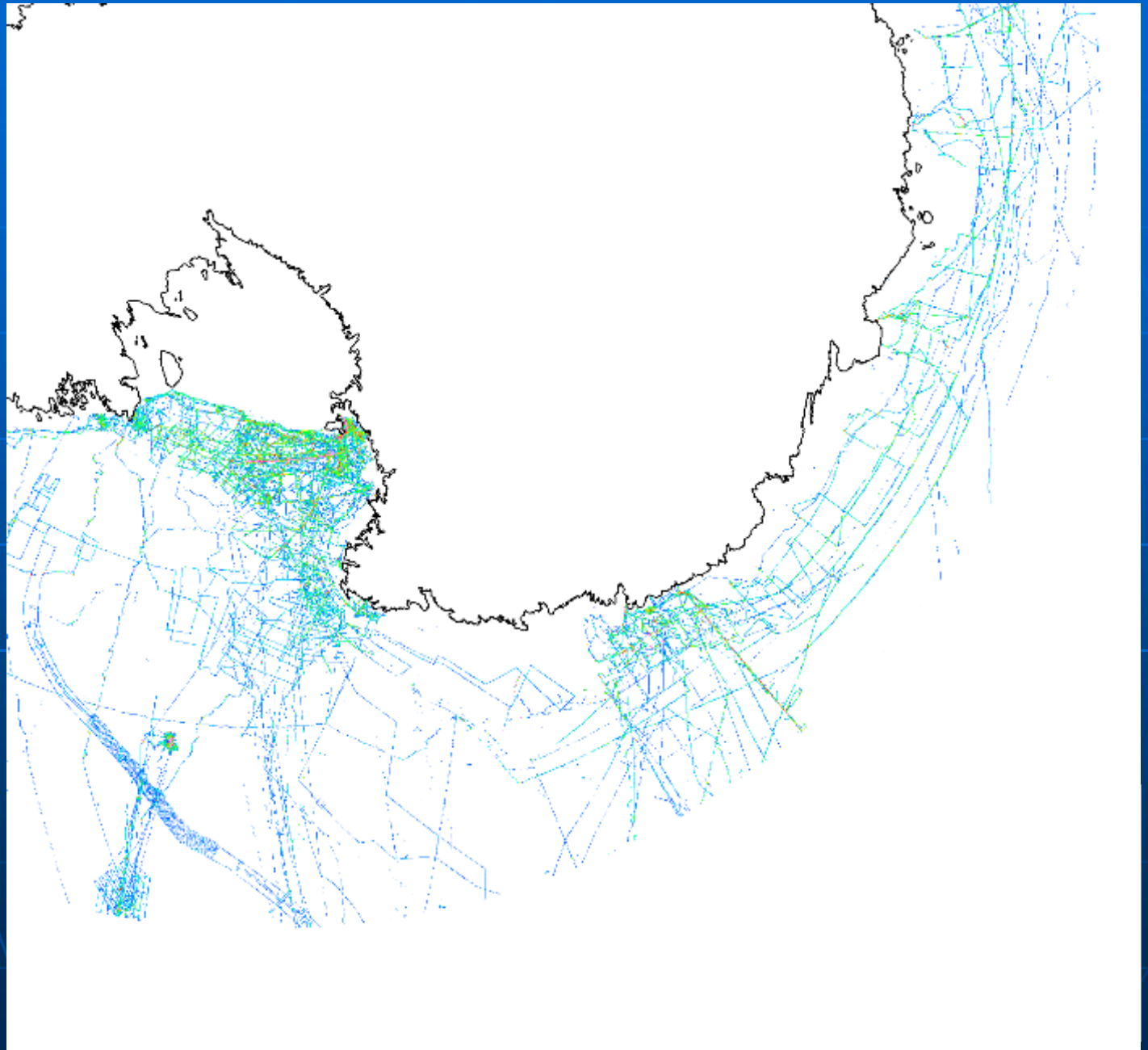
a depth ~ every 40m

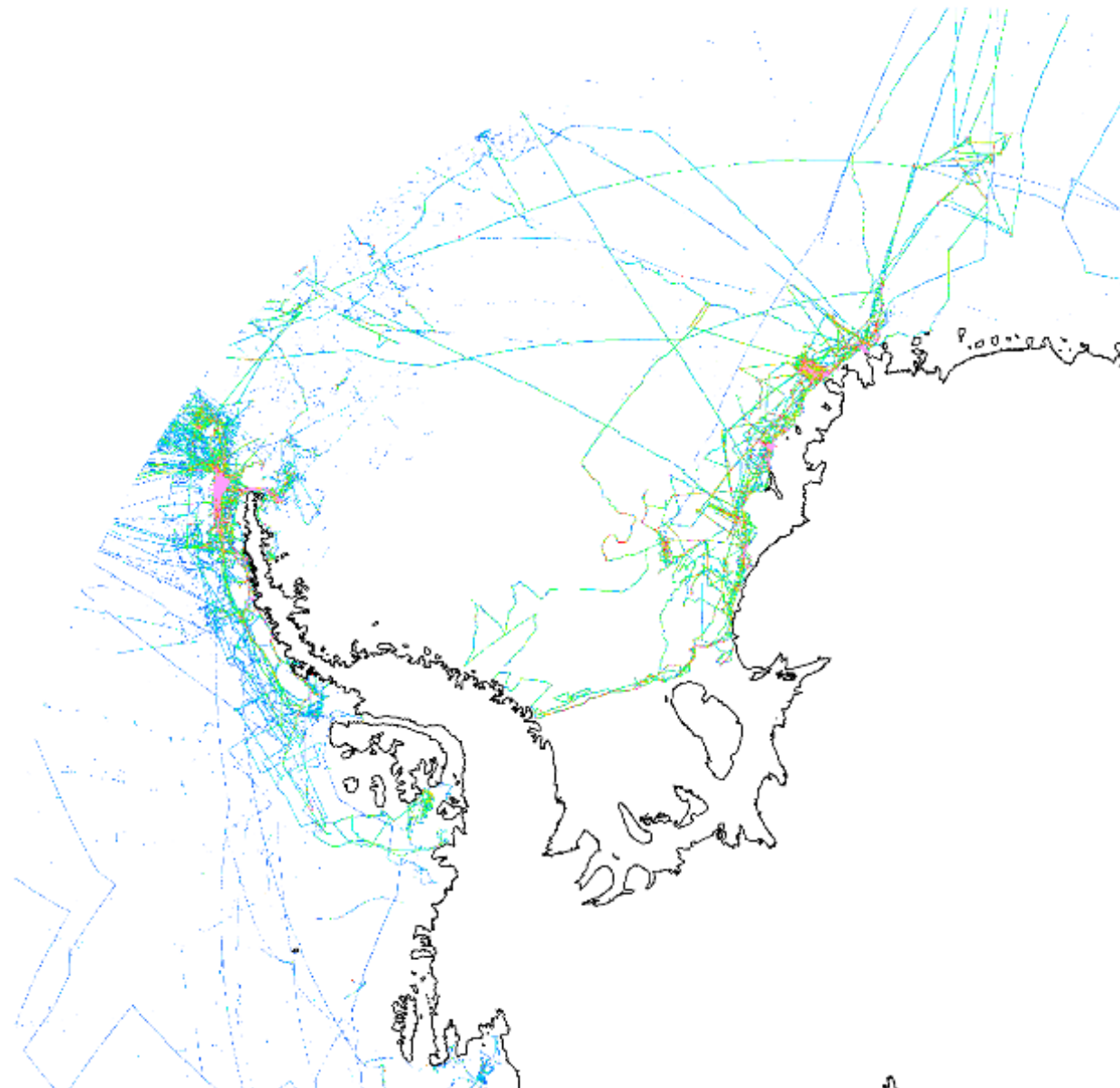
a depth ~ every 200m

a depth ~ every 700m

no depth or depths
>1km apart !







HCA Tasks and challenges

■ Coordinate

- charting and survey priorities
- charting schemes
- bilateral and multi-lateral cooperation
- Improve outreach
- Gain access to existing data
- Encourage trusted crowd-sourced observing



