

Hydrographic Services and Standards Committee

Report of the / Proposal by

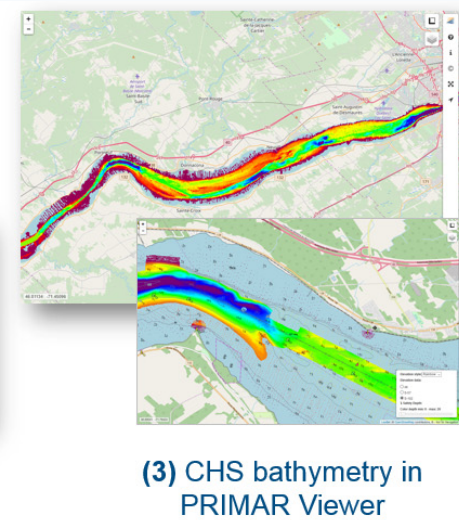
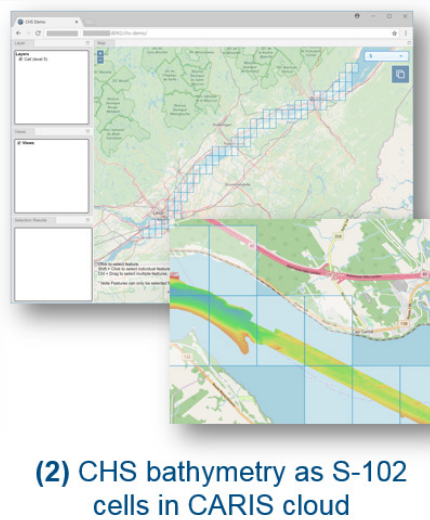
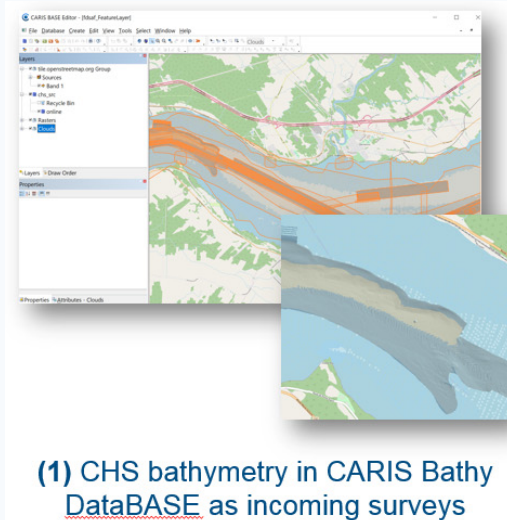
Canada, Norway, PRIMAR, Teledyne Caris, Open Geospatial
Consortium

S-100 Cloud distribution pilot project



Principal activities and achievements

- Able to store S-102 bathymetry on Amazon Cloud.
- Able to stream S-102 from Cloud (multi platform, tablet, phone, laptop...)
- Able to Combine S-102 with S-57 and serve via OGC Web Services.

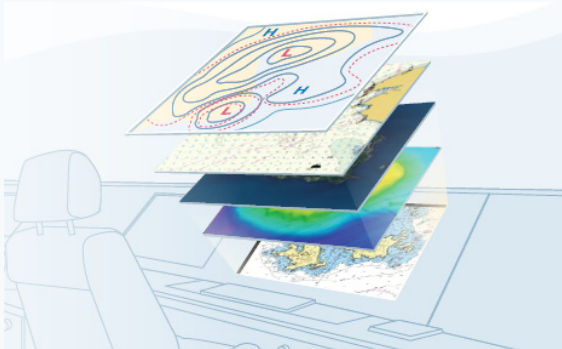


- www.cloud.caris.com
- <https://primars102.ecc.no/primars102/>



Problems or outstanding issues

- **Business model for service approach to be defined.**
- **Do we want to apply WEND principles to S-100 ?**
- **What is the global solution to access S-100 ?**



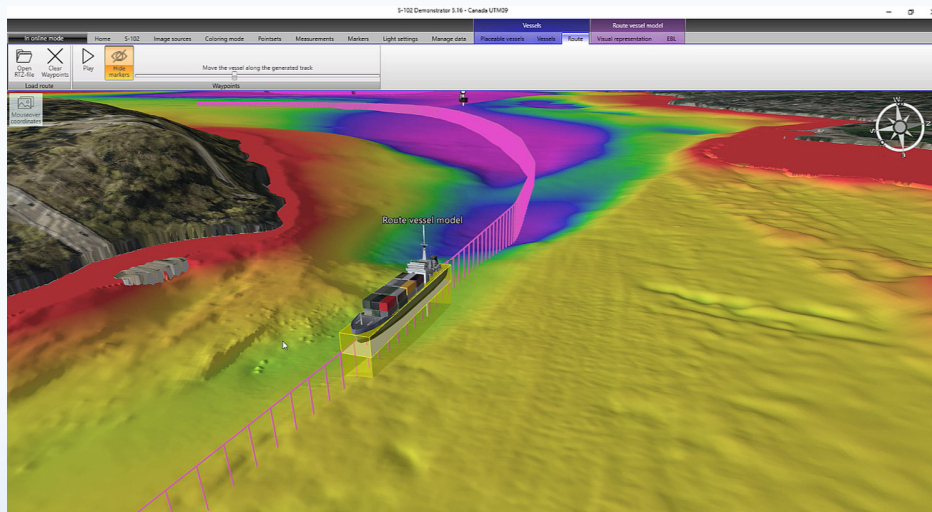
International Hydrographic Organization
Organisation Hydrographique Internationale

HSSC-11, Cape Town, South Africa, 6- 9 May 2019



Future work programme

- Next year connect with Portable Pilot Units (PPU) manufacturers to test with pilots in major Ports / Waterways in Canada.
- Test live automatic updates , survey to PPU in less than 24 hours.
- Add S-111 Surface Current and S-104 Water level.



Action requested of HSSC

- Discuss S-100 distribution capacity demonstrated in this pilot project (feedback on demo and videos)
- Select relevant Committee and/or Working Group to manage this aspect of S-100.
- Task selected Committee and/or Working Group
- Advise pilot project partners on future steps from HSSC perspective.

