CANADIAN HYDROGRAPHIC SERVICE

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Future Directions for CHS

- Paper chart 2.0
- Gridded chart scheme
- S100 Series of standards
  - S102 High Definition Bathy
  - S104 Water Levels
  - S111 Surface Currents
  - S121 Boundaries and Limits

- Real time data
- Water Levels – predictions, forecast, real time
- Integration of Data into Products
- AIS broadcast info
- Participation in crowd source bathymetry
- Need for precise data for autonomous navigation
- Artificial intelligence to validate data
- Access to data
- Air gap/under keel clearance

What we heard

Paper chart 2.0

- Data needs to be scalable
- Dangers need to be clearly defined
- Presentation of charts needs to be acceptable
- Users want some control on the selection of data (user defined products)

ENCs

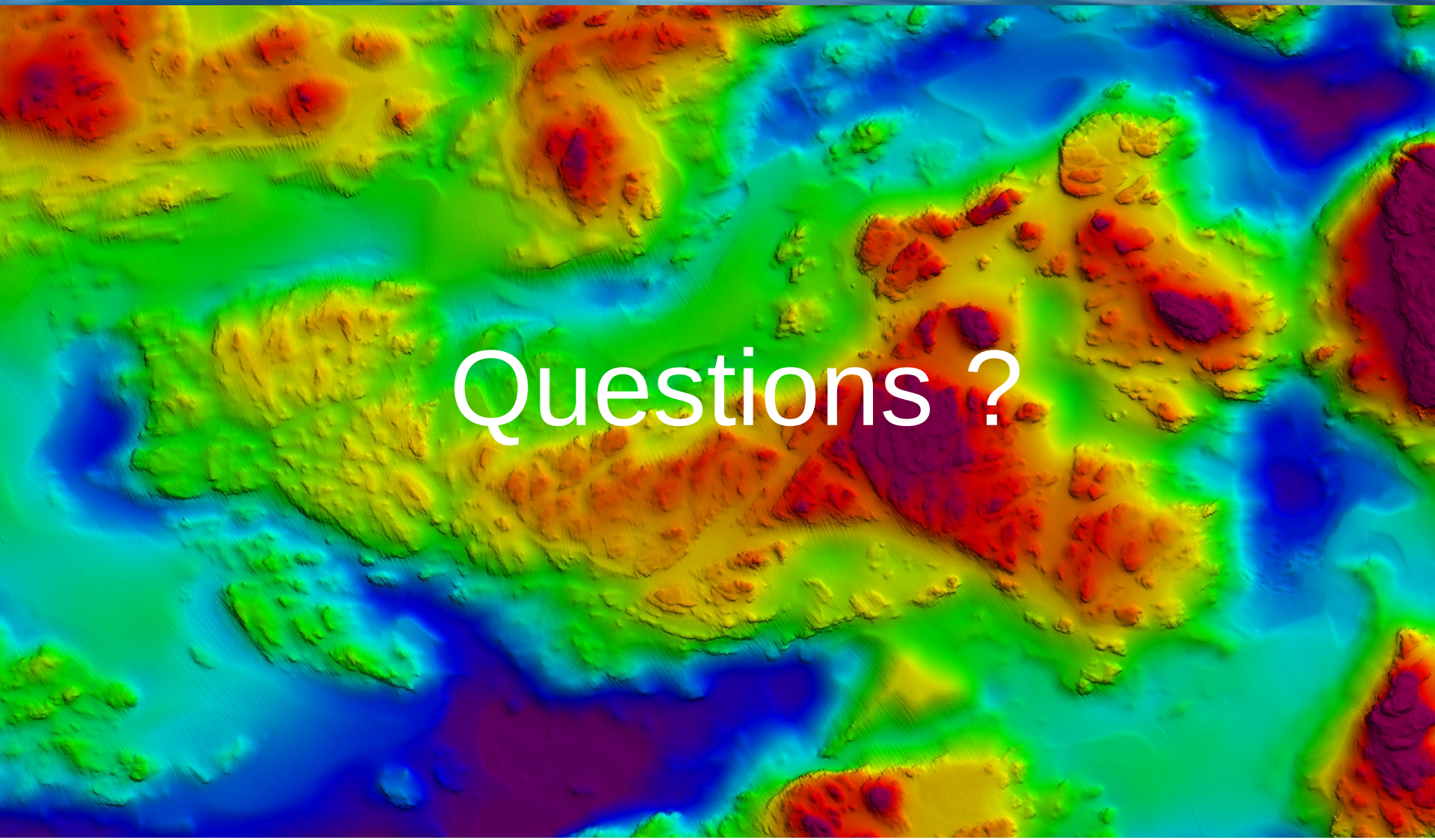
- Distribution
- Free/easy access to ENC is desired
- Needs to be balanced with CHS revenue requirements

- Users would like to have bigger ECDIS display screens for overview planning
- Real time AIS water levels availability
- Graphical display of tides
- Geospatial presentation of S102 bathy (high definition)

- More frequent updates after storms or events
- Water level info into ECDIS for real time sounding level presentation
- Topographic contours in ENCs

- Share data standards for collection for crowd source bathy

- Users are ok with paper chart derived from ENCs so long as critical elements are contained


Questions ?