

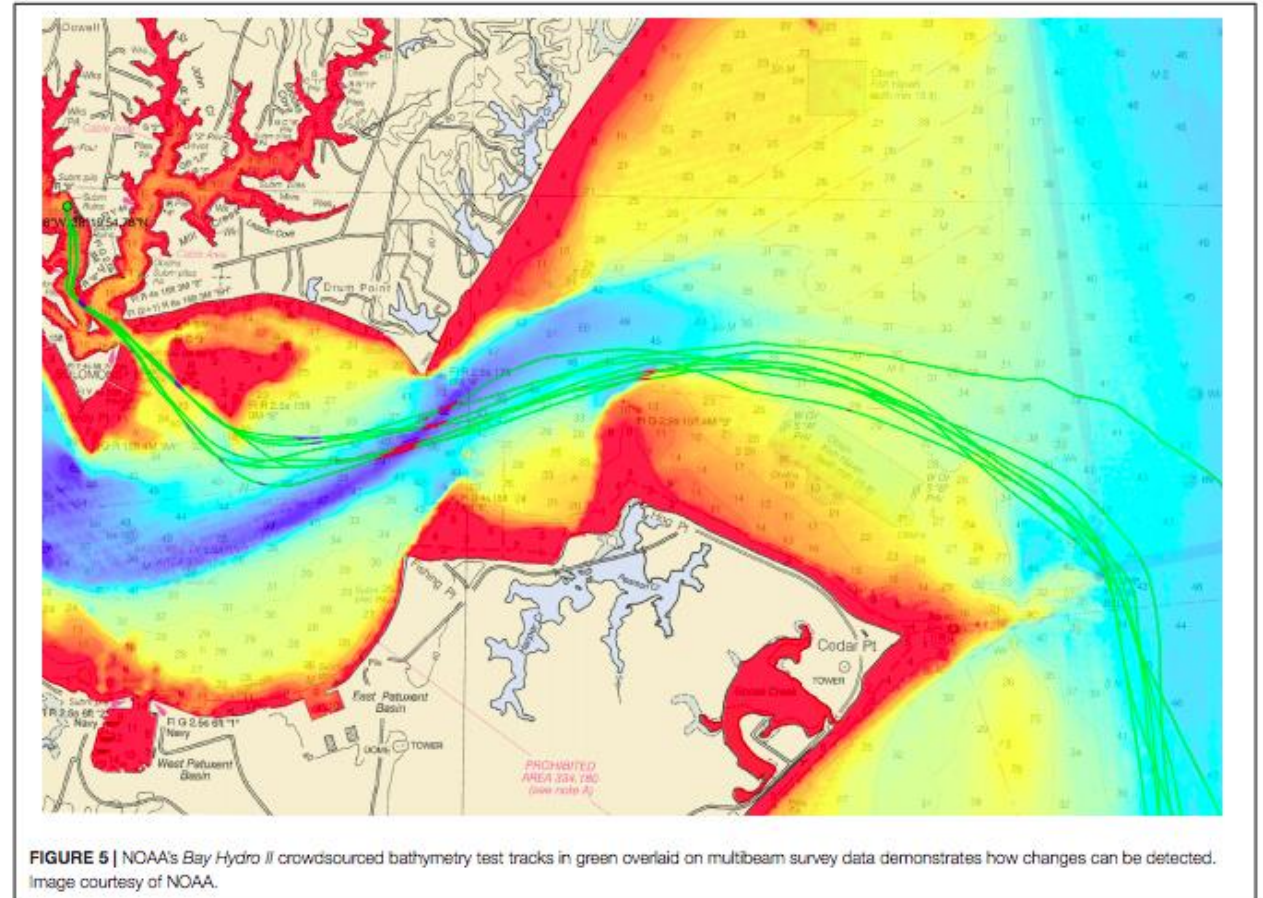
CSB from a Hydrographic Office perspective

The following information was presented in previous WG meetings by Pete Wills (CHS), Anthony Klemm (NOAA) and Adam Reed (NOAA)



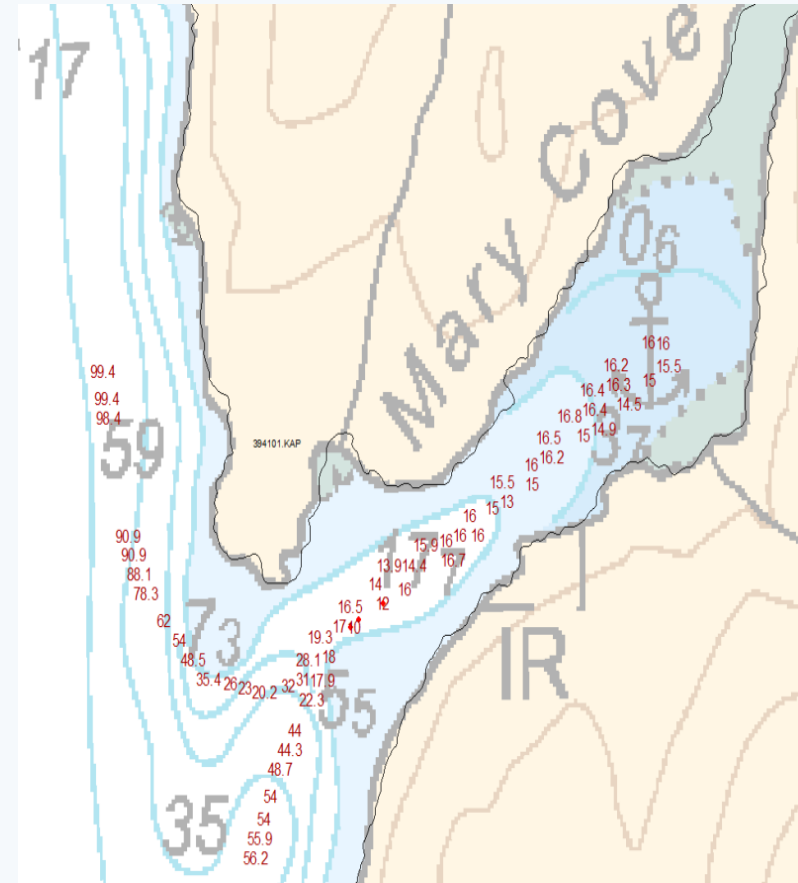
CSB Use Cases – NOAA Chart Adequacy Assessment

- Use CSB to assess NOAA nautical chart adequacy
- Determine when areas require updated survey information
- Identify chart discrepancies before an incident occurs.



CSB Use Cases – CHS Inside Passage

- CHS has used CSB to update several IP charts along coastal routes.
- A systematic comparison of charted depths < 10 m yielded improved charted channel depths, data density and improved chart compilation in areas that were surveyed with singlebeam.
- CSB helped prioritize survey areas for the following survey season and initiated the publication of Notices to Mariners.



CSB revealed some chart compilation problems.
Don't use the chart to figure out how much anchor chain you need!



Why CSB? – by Pete Wills (CHS)

- The potential is enormous as is our coastline.
- We have always received reported shoals from mariners and put them on charts.
- CSB is an evolution of the mariners reporting system.
- We still need to assess the quality of data however it comes in.
- We have very old sparse surveys or no surveys in many areas.
- Mariners have better positioning and sonars today than much of the older data.
- Free

