

CSBWG 6

Boulder, CO

June 19-21



CSB Working Group 6th Meeting

1. Updates of Current Projects
2. Member State Data Gathering Policy
3. Maintain the IHO publication B-12
4. Outreach Strategy
5. Recognition Strategy
6. Identify Potential Uses of CSB - Hydrographic Offices
7. Close



Updates of Current Projects

1. NOAA/Rosepoint - Adam
2. IHO DCDB development - Aaron
3. Swath CSB
 - a. GMATEK - Glen (remote)
 - b. FarSounder - Heath
4. Team Surv - Tim



Updates of Current Projects

- 5. Seabed 2030 - Sat
- 6. World Ocean Council - Paul
- 7. SevenCs - Emma
- 8. SeaID - Kenneth



Member State Data Gathering Policy

Action from IRCC10:

Request IHO Member States *state their policy on data gathering restrictions within their maritime areas of jurisdiction* to enable CSB activities to be undertaken;

- How do we clarify data collection policy from each Member State?
- **Draft text** for the IHO Circular letter to issue to MS requesting whether they have a national policy on passage sounding and, if so, what is it?
- Goal: a list of coastal states who support the collection of CSB within their waters of national jurisdiction published on the IHO website.



Review the CSB Guidance Document

Outcomes of final editorial meeting...

Remove: 1.3 Individual Contributors

“At present, individual data contributors are encouraged to join an existing Trusted Node. In the future, the DCDB plans to expand its capability to support individual contributions.”

V2:

- Consider adding benefits of CSB - why it should be contributed; more of an argument/persuasion for collection and participation
- Is the data collector still a part of the target audience?
- Consider adding language to this section that delineates the benefits of being a Trusted Node, and also possibly a link to a website that lists Trusted Nodes (currently only Rosepoint)



Maintain the IHO publication B-12

Action from ToR:

Maintain the IHO publication *B-12 – IHO Guidelines on Crowdsourced Bathymetry*.

Discussion on the vision of B-12 Edition 2.0.0 and how feedback will be incorporated.

- This should NOT be a rewrite. What did we miss? What do we need to expand?
- Who is the audience? Is there a need for sub-documents?
- Will this become a web-hosted document? What would that look like?
- Potential additions/new material to include



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Outreach Strategy

Action from ToR:

Investigate and highlight ways to *increase data contributions and incentives* on how and why mariners should become involved.

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1. Discussion of outreach and education strategies in line with GEBCO and Seabed 2030 Project activities
2. Who are our main data collectors? Our data users?
 - a. Determine approach to each
3. Develop generic presentation, senior officer briefing notes and skeleton press input



Recognition Strategy

Action from ToR:

Investigate and highlight ways to *increase data contributions and incentives* on how and why mariners should become involved.

Discuss an IHO and National HO Recognition strategy for data collectors



Use Case – CHS Pacific Region

CSB data was treated by the Canadian Hydrographic Service Pacific as just another Mariner Report

~4.5 million soundings in British Columbia

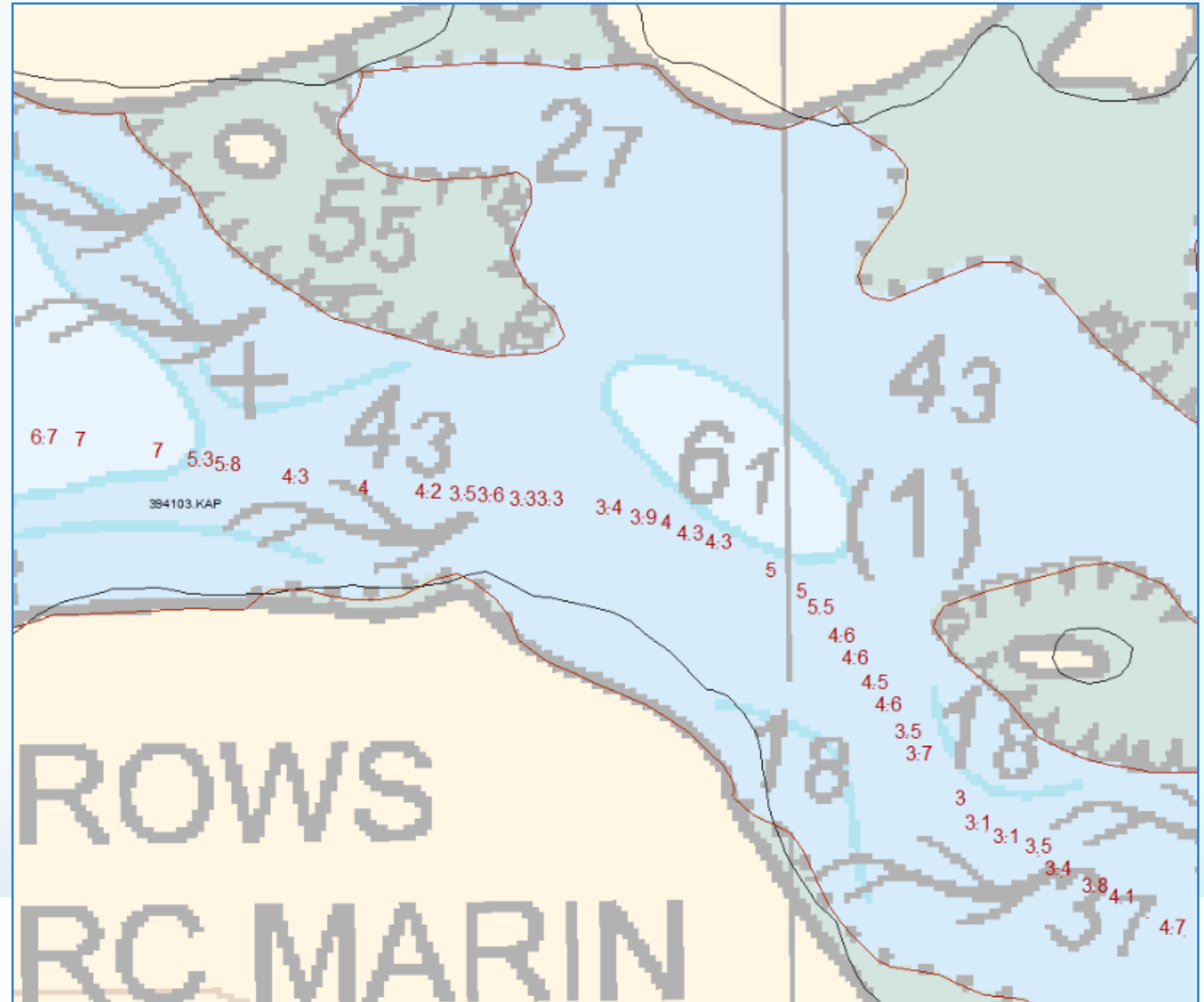
6 potential “Notice to Mariners” identified in the waters off British Columbia

A large number of zero values and values where small vessel sonar lost the bottom in deep water.



Use Case – CHS Pacific Region

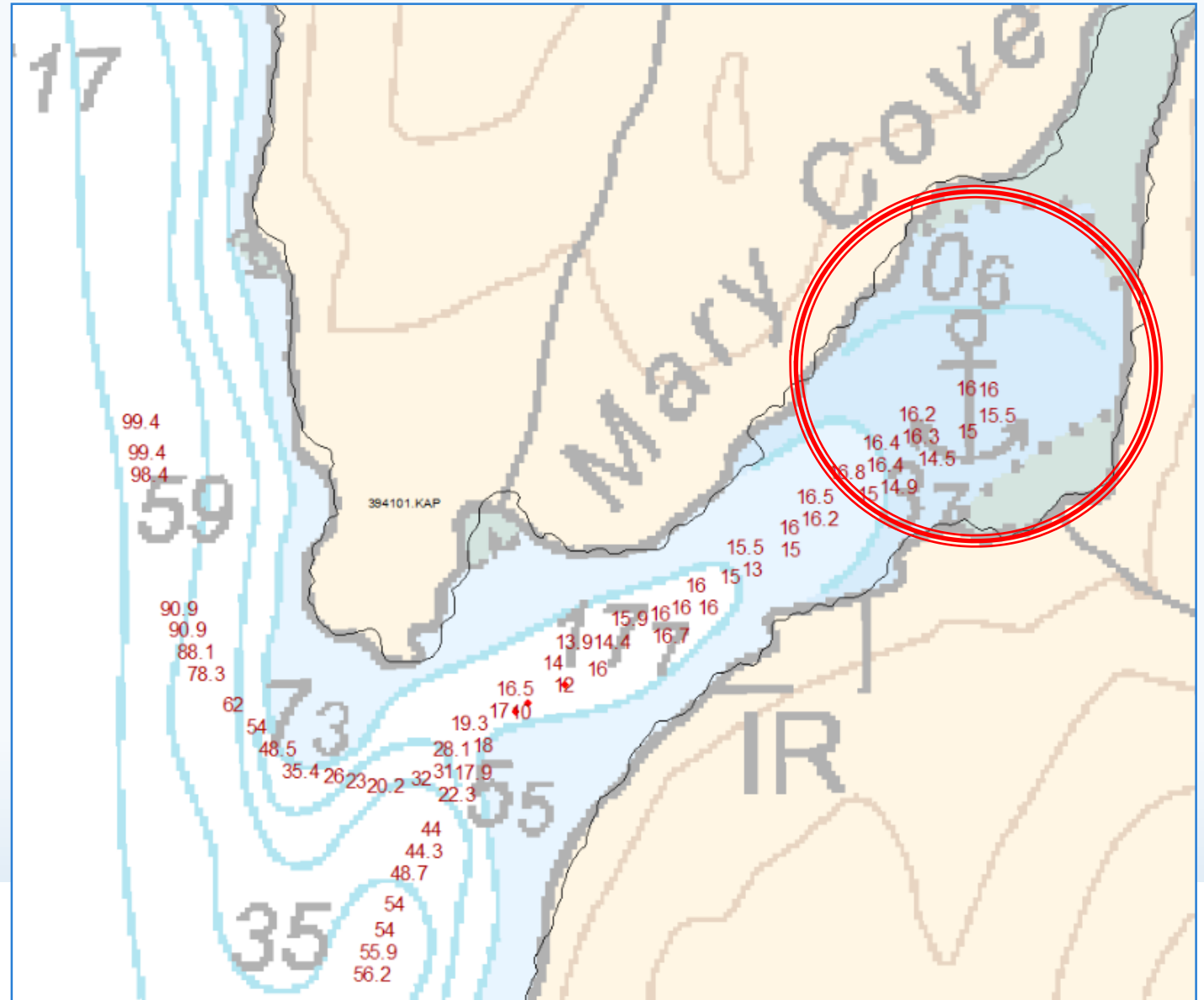
CSB filled in between systematic line spacing in a narrows providing a better limiting depth.



Use Case – CHS Pacific Region

CSB revealed some chart compilation problems.

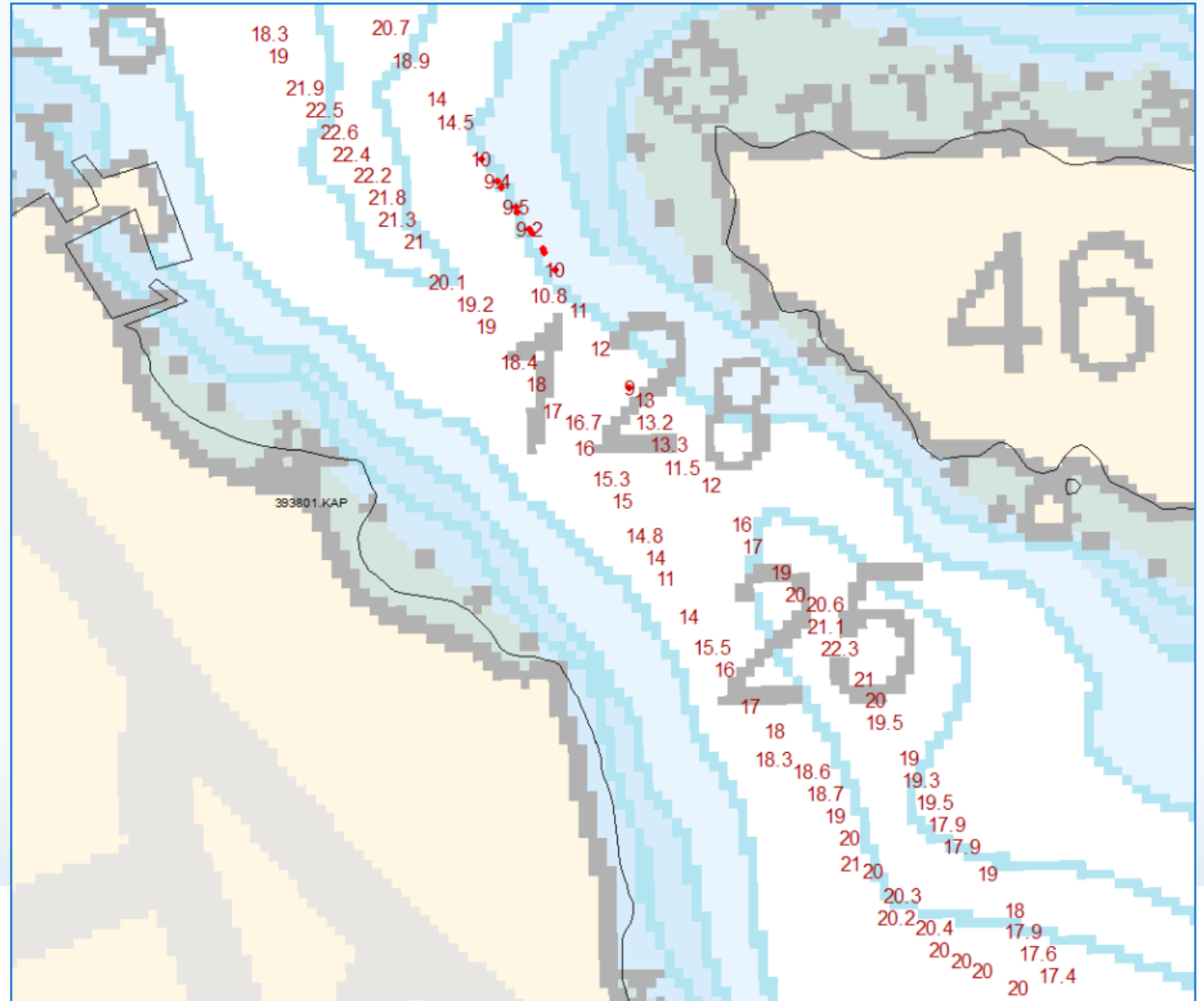
Don't use the chart to figure out how much anchor chain you need!



Use Case – CHS Pacific Region

Some CSB agreed with shoaler superseded leadline data and NOT with more recent charted single beam data that met survey specifications at the time.

Marked for revisory survey to resolve



Uses of CSB: Hydrographic Offices

1. CSB from a HO perspective; how can HO's use CSB?
 - a. The implication for HO with relation to CSB
 - b. The possibility of establishing a CSB S-100 product specification S-1xx.
 - c. The legal aspect of CSB from a national perspective
2. Producing a CSB White Paper



Close

1. Any other business
 - a. Relevant IHO Resolutions – input/feedback to GEBCO TSCOM
2. Date and venue of next meeting (CSBWG7) and intercessional activities.
3. Election of chair and vice-chair (postponed from CSBWG5)
4. Review of Action List for CSBWG6 and draft agenda for CSBWG7.
5. Discussion on outstanding issues and post-meeting expectations



CSBWG7 - draft agenda

Actions from ToR:

- Identify potential uses of CSB by HOs and investigate how it can be portrayed, with examples and useful land equivalents;
- Provide guidance on data quality and standards for CSB in liaison with appropriate IHO Working Groups;
- Liaise with other IHO bodies involved with, and potential users of, CSB data, such as GGC, MSDIWG, DQWG and HSPT;
- Monitor Member State and Regional progress regarding development of best practices and CSB initiatives

