

CSBWG8 Actions:

1. **Action 1:** Chair requested feedback on updated DCDB website to develop it further.
Action 1 – All
 - a. **Chair reviewed input and summarized a response** (CSBWG8_Action 1_IHO DCDB Website Feedback.docx)
2. **Action 2:** WASSP should be invited to the next meeting. Action 2 – NOR/MY Gene Machine
 - a. **Invited to Forum and CSBWG9. Will invite to 2021 Forum.**
3. **Action 3:** He suggested that a short summary guide of B-12 should be created to communicate the idea for the wider public participation, who he felt would not read the entire B-12. Action 3 – Chair
 - a. **Chair has drafted generic Side 1 of envisioned 2-page summary guides for review from WG** (CSB_GeneralText.pdf). **Content of Side 2 (stakeholder specific B-12 summary) to be discussed at CSBWG9.**
4. **Action 4:** It was agreed that the ideas were a positive advance and EEC was encouraged to engage with the Director DCDB to investigate how it could be progressed. Action 4 – ECC/Chair.
 - a. **Representatives from the DCDB and Seabed 2030 met twice with ECC to discuss suggested improvements to the DCDB viewer. Some of the suggestions will be incorporated in the near future. Others (specifically those that were ENC-related) will be passed along to the Seabed 2030 project for possible implementation.**
5. **Action 5:** DCDB and Sea-ID agreed to work on maintaining the database of polygons where Member States have caveats on handling data so that a single shape file of limits is used. Action 5 – DCDB/Sea-ID
 - a. **The set of polygons that the DCDB developed for the filtering could be exported from an Oracle database and shared as a pair of shapefiles.**
6. **Action 6:** IHO
7. **Action 7:** Demonstrate EPUB at IRCC12 for approval as the future format of the publication and as a potential format for other IHO publications. Action 7 – Chair
 - a. **Chair to present at IRCC in October 2020.**
8. **Action 8:** He volunteered to provide further details at the next meeting. Action 8 – GBR NLD/Chair DQWG described how CSB could be used to help monitor sea level rise.
 - a. **Update from GBR: “Unfortunately our additional user research has been delayed with COVID-19 so I don’t have the additional information I’d hoped to include.” GBR (Paul) would like to keep this action open for CSBWG10.**
9. **Action 9:** DNK suggested that a white paper could be created on guidelines on how CSB could be used by HOs, which could be endorsed by IHO Member States. It was noted that focusing on using CSB for charting, rather than simply building a complete picture of the seafloor, had the potential of tying CSB into definitions

under UNCLOS; however it was noted that there was a need to overcome HO reluctance to use the data where appropriate and a real need to provide guidance to HOs to assist in overcoming these views. Action 9 – Chair/Vice-Chair/NOR

- a. **“Trusted Crowd-Sourced Bathymetry: From the Trusted Crowd to the Chart”, jointly prepared by the Danish Geodata Agency and the Canadian Hydrographic Service, submitted as a document for orientation by the members of the working group.**

10. **Action 10: Invite SB2030 Director to next mtg**

- a. **Done**

11. **Action 11:** Sea-ID noted that a wiki had been developed to collect presentations and articles as well as images to promote the benefits of CSB, he asked that all CSBWG participants contribute. ALL

- a. **Dependent on Action 12.**

12. **Action 12:** Sea-ID agreed to provide details of the Wiki to allow all to access and make use of the content.

- a. **No action.**

13. **Action 13:** Sea-ID NOR suggested closer engagement with World Ocean Council (WOC) and to use their network to encourage industry to be involved. The Vice-Chair suggested that the Chair CSBWG and Director Seabed 2030 undertake regular conversations and engagement. Action 13 – Chair.

- a. **Done. Assisting with Forum planning.**

14. **Action 14:** Fugro suggested CSBWG engage with GEBCO to ensure a collaborative approach to avoid duplication. Action 14 – Chair

- a. **Monthly meet ups with SB2030 Director and attends monthly SB2030 Technical Meeting**

15. **Action 15:** The Chair suggested that the CSBWG should look to ensure there was representation at all RHCs. Action 15 – All – send an email finding volunteers

- a. **The CSBWG has been represented to date at each RHC.**

16. **Action 16** – It was agreed that a list of RHC meetings should be included as an annex to the final meeting report, see Annex E. - IHO

- a. **Done**

17. **Action 17** – NOR suggested that CSB ambassadors be identified for each RHC to promote and lead regional activities. It was proposed that members of the CSBWG could fulfil this role for those RHCs covered by the participants. Action 17 – Chair/IHO

- a. **Chair to propose adding CSB duties to the Seabed 2030 Ambassador role at IRCC.**

18. **Action 18** –. The IHO indicated that the template for the national reports to RHC meeting was being updated to include aspects of CSB and support to GEBCO, he suggested that a list of topics for inclusion could be developed and submitted to the Secretariat. Action 18 – Chair

- a. **Draft report written by Vice Chair for review from WG (IRCC_Paper_RHC and CSB.docx)**

19. **Action 19:** IHO
20. **Action 20:** NOR noted that the regions not represented within the CSBWG needed to be approached via the IRCC and encouraged to become engaged. Action 20 – Chair^[1]_[SEP]
- a. **New IRCC Circular Letter 1/2020 written and distributed. However the action needs to be monitored to assess the impact and progress with each RHC.**
21. **Action 21:** IHO and Fugro
22. **Action 22:** It was highlighted that there was a requirement to articulate the roles and responsibilities of a Trusted Node and to clarify the process to become one. It was noted that this was an action from previous meetings and needed to be completed. Action 22 – Chair/Sea-ID
- a. **No action.**
23. **Action 23:** It was noted that graphics could be provided to RHCs to indicate in which waters data had been received and the variance between the DCDB and BODC generated GEBCO_Grid. Action 23 – IHO/Chair
- a. **Chair to raise to the Seabed 2030 Technical Team as a requested requirement from the CSBWG. Will discuss the importance of having the ability to display as a GIS layer to encourage community participation in contributing CSB.**
24. **Action 25-29:** Done