

**LIST OF ACTIONS** – Updated 30 March 2021

No.	Agenda Item	Subject	Status/Date	Comments	Action
	-	IHO website	On going	Check IHO website for documents and information	All
	-	AOB	On going	Circulate presentations, articles and papers on CSB to ensure consistent harmonized message is provided at events to advertise CSB	All
	-	AOB	On going	Identify opportunities to highlight CSB and its uses	All
CSBWG6					
	2.2	Presentations - DCDB	CSBWG7 CSBWG8 CSBWG9 CSBWG10	Investigate how to handle S-102 format and gridded datasets for inclusion in the DCDB – <a href="#">on going, under investigation by new data manager, update at next meeting</a>	NOAA-NCEI
	2.3	Presentations - RosePoint	CSBWG7 CSBWG8 CSBWG9 CSBWG10	Discuss with RosePoint on how to make the anonymous feature more obvious and to include ship type as well as offsets and heading data – <a href="#">No reply from RP. Suggest Action be removed.</a>	NOAA-NCEI & OCS
	2.3	Presentations - RosePoint	CSBWG7 CSBWG8 CSBWG9 CSBWG10 CSBWG11	Investigate need for more regular meetings to move forward the inclusion of bathymetric data gathering within the VOS scheme – <a href="#">NOAA NOS-VOS project has been restarted, update at next meeting</a>	NOAA-OCS
CSBWG8					
2	2.6	CSB related projects	CSBWG9 CSBWG10 CSBWG11	Invite WASSP to attend meeting	NOR/My Gene Machine
7	4.2	B-12	IRCC12 Complete	<del>Demonstrate e-publications format versions for endorsement and potential example for other IHO publications</del>	Chair
8	5.1	CSB Use cases	CSBWG9 CSBWG10	Provide examples and details of UKHO use cases for CSB ( <a href="#">Awaiting status update</a> )	GBR
9	5.2	DQWG	CSBWG9 CSBWG10	Draft guidance document for HOs on uses of CSB ( <a href="#">No progress to date</a> )	Chair/Vice-Chair/NOR

20	6.1	Outreach Strategy	IRCC12 Complete	Encourage via IRCC regions not represented in CSBWG to participate	Chair
23	6.4	Outreach	On going Complete	Generate graphics to show where data has been contributed and which states are in the positive list	IHO/Chair
24	6.4	Outreach	CSBWG9 CSBWG10 CSBWG11	Generate a video highlighting successful use cases	IHO
CSBWG9 Remote					
1	1.4	Introduction	31 July Complete	Include download of daily Chat Log as annex to final report	IHO
2	2.3d	Current DCDB Work and IHO Projects	On going	HOs to make renewed efforts to engage with administrations to try and achieve data provision	All
3	2.3e	Current DCDB Work and IHO Projects	CSBWG10 Complete	Investigate whether generalised details of CL 11/2019 could be provided in format agreed with Chair	IHO/Chair
4	2.4a	Current DCDB Work and IHO Projects	CSBWG10	Continue the discussions with ECC to progress the items highlighted at CSBWG8 - Ongoing	Chair/ECC
5	3a	Current CSB Efforts	CSBWG10	Continue engagement with C-Map and that C-Map is encouraged to continue participation in the CSBWG - Ongoing. C-MAP has agreed to become a CSB Trusted Node.	Vice-Chair/C-Map
6	3c	Current CSB Efforts	12 November	FarSounder activities and capabilities to be highlighted at the forthcoming Explorer Yacht Conference in Monaco – postponed until 2021	Da Gama Maritime/FarSounder
7	3c	Current CSB Efforts	CSBWG10	Discuss further development of DCDB to allow inclusion of data other than single track lines – Postponed. Will pick up discussion after DCDB infrastructure enhancements are implemented in early FY22.	DCDB/FarSounder
8	3d	Current CSB Efforts	CSBWG10	Discuss with DCDB on how to make JAMSTEC data holdings available for wider use - Ongoing	DCDB/JAMSTEC
9	4.1	Messaging and Coordination	CSBWG10 Complete	Update the “tree diagram” with the UN Ocean Decade Strategy umbrella – In Process	Chair/Vice-Chair
10	4.2	Messaging and Coordination	28 August Complete	Participation in Seabed 2030 survey	All

11	4.2a	Messaging and Coordination	IRCC12 Complete	Include request in the IRCC submission for RHC Chairs to identify CSB/Seabed 2030 Ambassadors, also to encourage participation in CSBWG meetings	Chair
12	4.2b	Messaging and Coordination	IRCC12 Complete	Develop discussion items for RHC meetings	DNK/Chair
13	4.2c	Messaging and Coordination	14 August Complete	Provide input and comment to proposed report submission to IRCC requesting inclusion of CSB activity in RHCs meetings and National reports	Vice-Chair/All
14	4.3	Messaging and Coordination	CSBWG10 Complete	Draft short explanation for wider discussion on distinctions between CSB data, transit data and systematic survey data and the terminology used	Chair/Vice-Chair/All
15	4.4b	Messaging and Coordination	31 July Complete	Data Logger trials presentation to be uploaded to CSBWG8 documents	CCOM-JHC/IHO
16	4.6a	Messaging and Coordination	CSBWG10	Provide update on new display methodology for intuitive visual warning system ( <a href="#">Awaiting status update</a> )	DQWG/CCOM-JHC
17	4.6b	Messaging and Coordination	CSBWG10	Educate potential data gathers on importance of adequate metadata ( <a href="#">Awaiting status update</a> )	C-Map /FarSounder/DQWG
18	4.6d	Messaging and Coordination	CSBWG10	Provide information on Pydro tools to compare data with the published ENC <a href="#">ACTION CHANGED</a> . <a href="#">Current work (see read ahead material) will support S-102 generation made easier with a deconflicted surface and an automatic checker for bad data. We could use these tools for CSB provided the CSB was dense enough to support a grid (digital elevation model).</a>	CAN
19	4.6e	Messaging and Coordination	31 July Complete	Provide CHC'20 presentation for upload to meeting documents	CCOM-JHC
20	4.6e	Messaging and Coordination	CSBWG10	Investigate options for creating structure for CSB data, upon entry into the DCDB, are compared against HO's official ENC portfolio – <a href="#">In Process</a>	ECC/Sea-ID/DCDB
21	4.7	Messaging and Coordination	CSBWG10	Provide brief tutorial on how to edit and upload the wiki - ( <a href="#">Awaiting status update</a> )	Sea-ID
22	4.7	Messaging and Coordination	On going	Upload relevant materials to the wiki - <a href="#">Postponed</a>	All

23	5.2	CSB Guidance	CSBWG10	Develop brief submission to the next meeting summarising their experiences ( <a href="#">Awaiting status update</a> )	FarSounder
24	5.3	<del>CSB Guidance</del>	<del>31 July</del> <b>Complete</b>	<del>Circulate draft page one of the CSB Summary Guide for comment and input</del>	Chair/All
25	5.3	CSB Guidance	30 October	Assist drafting of relevant sector page intercessionally – <a href="#">In Process</a>	Da Gama Maritime/Fugro/NOR/FarSounder/ECC/GBR/CCOM-JHC
26	5.4	<del>CSB Guidance</del>	<del>28 August</del> <b>Complete</b>	<del>Circulate draft guidance on Roles/Resources/Responsibilities of Trusted Nodes for input and comment</del>	Chair
27	5.4	CSB Guidance	CSBWG10	Investigate status of B-12 with reference to IHO Resolution 2/2007, as amended, and provide guidance – <a href="#">To be raised in Chair report to IRCC13</a>	<del>IHO</del> <a href="#">Chair</a>
28	5.6a	<del>CSB Guidance</del>	<del>30 October</del> <b>Complete</b>	<del>Request DQWG investigate data quality parameters and indicators for use by HOs and provide further guidance</del>	Chair/Vice-Chair
29	6	<del>How do we Outreach</del>	<del>CSBWG10</del> <b>Complete</b>	<del>Investigate engagement with BBC</del>	<del>Da Gama Maritime</del>
30	6a	How do we Outreach	CSBWG10	Investigate joint presentation at ICPC 2021 meeting in Madrid ( <a href="#">Awaiting status update</a> )	Chair/Vice-Chair/Seabed 2030
31	6b	How do we Outreach	CSBWG10	Coordinate commercial sector engagement and lead small sub-group focus on individual sectors ( <a href="#">Awaiting status update</a> )	WOC
32	6c	How do we Outreach	CSBWG10	Provide CSB Outreach related material ( <a href="#">Awaiting status update</a> )	TeamSurv
33	6d	How do we Outreach	CSBWG10	Compile list of specific reasons why participation helps with global sustainability ( <a href="#">Awaiting status update</a> )	Chair/Seabed 2030
34	7.2	<del>CSBWG10</del>	<del>30 October</del> <b>OBE</b>	<del>Circulate an initial letter of invitation</del>	<del>IHO/NOR</del>
35	7.3	<del>CSBWG9 Draft Report</del>	<del>3 July</del> <b>Complete</b>	<del>Draft to be circulated for comment</del>	<del>IHO</del>
36	7.3	<del>CSBWG9 Draft Report</del>	<del>23 July</del> <b>Complete</b>	<del>All to provide comments on draft report</del>	All
37	7.3	CSBWG9 Final Report	31 July <b>Complete</b>	Publish final report	IHO