

Chair CSBWG Direction and Guidance

Submitted by NOAA-NCEI, USA

SUMMARY

Executive Summary: This document provides emailed direction and guidance from the Chair CSBWG on the three areas covered by the CSBWG Correspondence Groups.

Action to be taken: 5

Related documents: None

Dear Crowdsourced Bathymetry Working Group Members,

1. Thank you for responding with your availability to attend our second Working Group meeting in Boulder next month. See the [IHO website](#) for specific meeting information and documents. We now have three interdependent correspondence groups actively working to develop our CSB guidance and standards document. They are the following with specific group objectives:

Uncertainty Correspondence Group (UCG)

Lead: [Brian Calder](#)

1. Establish minimal requirements for metadata associated with uncertainty determination
2. Establish a model for an estimation of uncertainty associated with CSB
3. Provide an interpretation of the uncertainty representation or a calculus of uncertainties as a guide to combining data reliably
4. Establish a mechanism to represent the assessed uncertainty in the data being archived and recommended metadata describing the representation that can be attached to extracted data set abstracts

Data Format and Metadata Correspondence Group (DFMCG)

Lead: [Anthony Klemm](#)

1. Evaluate and refine the GeoJSON format developed by the IHODCDB and Sea-ID
2. Explore the possible need for an additional or alternative data formats (e.g. CSV)
3. Define what metadata is required
4. Develop rules for defining a Unique ID field that all trusted nodes will use

Systems and Hardware Correspondence Group (SHCG)

Lead: [Kenneth Himschoot](#)

1. Collect information about hardware and software currently available and in use
 2. Develop a range of recommended hardware features and functionality to support different levels data usability
 3. Survey existing hardware users and providers on operation best practices
2. If you are interested in contributing to any or all of these groups, please contact the corresponding leads.
3. We will use our Working Group meeting to review progress, discuss issues and to start preparing the draft guidance document that will be presented to IRCC8 in May. For those of you who cannot be there in person, we are looking into providing a way to virtually participate during parts of the meeting and will provide details if this is possible.
4. Thanks to all for your enthusiastic support of this important effort to empower as many mariners as possible to map the gaps in our global bathymetric coverage.

With best regards,
Lisa

“The single biggest problem in communication is the illusion that it has taken place.”
George Bernard Shaw

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5. The CSBWG are requested to note the information contained and take whatever action is deemed necessary.