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Review of proposed revisions to B-12

CSBWG 10, 30-31 March and 1st April

B-12 DOCUMENT GENERALITIES

- Purpose/target audience:
  - document and provide guidance to mariners in collecting and providing CSB.
- Composed of 4 sections
  - Data contribution (data contribution to the DCDB through trusted nodes)
  - Data collection (high level description of sensors ans best practice during data acquisition)
  - Data and Metadata (importance of metadata and required information needed when submitting data)
  - Uncertainty (data quality issues, impact/reliability of the data)
  - Aditional consideration (essentially legal information for collectors/trusted nodes)

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WHY IMPROVING THE DOCUMENT ?

- Correct for typos
- Update some information
- Improve/update Figures
- Gain in clarity/lisibility for the targetted audience
- Provide more details/define explicitely some concepts

List of improvements Classification CSB doc

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MAJOR IMPROVEMENT: BETTER DEFINING THE CONCEPT OF TRUSTED NODES

- Further describe their role (see link)
- How to become a trusted node ?
- Who they are they (providing a geographical/logger type list)?

Proposed by SeaID, Shom, NOAA/DCDB

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MAJOR IMPROVEMENT: INTEGRATION OF MBES?

- Has strong link with the definition of CSB
- Has also some implications on some sub-chapters (motion sensor)
- We restrain ourselves from large and valuable sources of information (academia, industry notably)
- May have some implications on the overall dataflow

Proposed by FUGRO, CIDCO, Shom

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MAJOR IMPROVEMENT: PROVIDE TECHNICAL DETAILS ON TECHNOLOGY

- Suggestion to add few words on Lidar
- CHIRP singlebeam
- NMEA 2000
- Mounting distance/Angular convention (esp in case of Multibeam data integration)

Proposed by Flir Systems, NOAA/DCDB, CIDCO

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MAJOR IMPROVEMENT: UNCERTAINTY CHAPTER

- Comprehensive chapter, with possible too many details which might « frighten the reader ».
- Identify respective roles between **collector**, trusted nodes, DCDB and user in the definition/implication relative to the uncertainty
- Reinforce here the importance of the metadata in the evaluation of the uncertainty

Proposed by FLIR Systems, Shom, DQWG, NAVOCEANO

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PROPOSED APPROACH AND AGENDA

- Get consensus on the integration or not of multibeam data (this meeting)
- Ask for volunteers to help editing
- Seek for new/updated material (Trusted node, Multibeam, Uncertainty, updated preliminary statements, other) – spring/summer 2021
- Aim to propose an updated version of the B12 for next CSBWG (09/2021)
- After CSBWG review, ask for endorsement at IRCC14 (2022)