



14th Meeting of the Hydrographic Services and Standards Committee

Report of the Hydrographic Surveys Working Group (HSWG)

Agenda Item 5.6

HSSC-14, Denpasar, Bali, Indonesia - Hybrid Event, 16 – 19 May 2022



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PRINCIPAL ACTIVITIES AND ACHIEVEMENTS

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1. HSWG1 held via VTC 29th June to 1st July 2021. ~50 Attendees.
 - a) HSWG Work plan further established and consensus reached.
 - b) Two Project Teams (C-13 and SDB Best Practice) and S-44 Drafting Team Established.

2. HSWG2 held via VTC 15th to 18th February 2022. ~60 Attendees.
 - a) In-person meeting in Ireland organised but abandoned due to covid.
 - b) 2 days of break-out sessions for PTs and S-44
 - c) Amendments to S-44 agreed, v6.1 created, update cycle set.
 - d) C-13 Manual on Hydrography update progressed.
 - e) SDB Best Practice Guide progressed.
 - f) Liaisons established with all other relevant HSSC WGs.

3. Primary item for HSSC from HSWG is approval of S-44 v6.1.



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S-44 SUMMARY OF REVISIONS: 6.0.0 TO 6.1.0

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- Clarification of terms: reference frame/system, uncertainty component, horizontal distance between registered positions and range line/leading lines.
- Insertion of TVU equation to Table 1 Minimum Bathymetric Standards
- Grammar updates
- HSWG is currently undertaking an impact study (responses due May 2022)



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PROBLEMS OR OUTSTANDING ISSUES

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1. No significant problems encountered to date, other than adapting to limitations of pandemic.

2. Meetings via VTC only remain challenging. However, this has only slightly impacted on progress of C-13 only.
 - a) VTC does enable high participation rates.
 - b) Hybrid meetings difficult and expensive.
 - c) HSWG intends to hold two meetings a year – one in person, one virtual.**

3. HSWG Chairing team and Project Team Leads content to remain in post for a three-year term (to start of 2024).



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FUTURE WORK PROGRAMME

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1. Publish S-44 v6.1 later this year after Member State agreement.
2. Ensure IHO download tracking to support SI 2.2
3. Maintain IHO publication S-44 – Standards for Hydrographic Surveys on a two-year cycle.
4. Support the education on the use of S-44 by developing supporting documentation to articulate best practice guidance.
5. Continue work to update IHO publication C-13 – IHO Manual on Hydrography.
6. Continue work to create SDB Best Practice Guide.
7. Support the translation task for S-44 and C-13
8. Maintain close liaison with other HSSC and IRCC working groups.
9. Identify new systems, technologies and methodologies and exchange experiences, best practice and challenges amongst member states in line with the IHO objectives.
10. Act as a focal point for hydrographic surveys industry engagement with the IHO.



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ACTIONS REQUESTED FROM HSSC

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1. Approval of S-44 v6.1
2. Note proposed S-44 update cycle
3. Agree and support proposed work plan