

13th IHO-HSSC Meeting

Report and Recommendations of the Hydrographic Surveys Working Group

Submitted by: David Parker, Chairman, HSWG

Related Documents: S-44, C-13

Related Projects: None

Chair: David Parker, UK

Vice-Chair: Megan Greenaway, USA

Secretary: Carlos Videira Marques, Portugal

Member States: Australia, Argentina, Belgium, Brazil, Canada, Chile, China, Denmark, Ecuador, France, Germany, India, Iran, Italy, Japan, Korea, Latvia, Mexico, Netherlands, New Zealand, Norway, Oman, Portugal, Spain, Sweden, Turkey, Indonesia, UK, USA.

Expert Contributors: James Walton, AML Oceanographic
 Jason Creech, David Evans and Associates
 Sebastien Tavy, ECA robotics
 Chris Howlett, EGS International
 Knut Hartmann, EOMap
 Marco Filippone, Fugro
 Hugh Parker, Fugro
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 Axel Annaert, Hogere Zeevaartschool
 David Vincentelli, iXblue/ International Federation of Hydrographic Societies (IFHS)
 Fabien Germond, iXblue
 Nathan Wardwell, JOA Surveys
 Kjetil Jensen, Kongsberg Maritime
 Vitad Pradith, Teledyne Marine

See Annex A for full details on HDWG membership

Foreword

The Hydrographic Surveys Working Group (HSWG) is in the process of being established (March 2021). It was agreed by Member States and HSSC to form this group after the successful completion of the revision of S-44 by the Hydrographic Surveys Project Team, as it was generally felt that the IHO should have one permanent committee with a dedicated focus on hydrographic data acquisition. The HSWG will be overseen by the IHO Hydrographic Services and Standards Committee (HSSC). The initial aims proposed for the group are stated under Work Programme below.

Meetings Held During Reporting Period

None

Next Meeting

HSWG 1 29th April 2021. Virtual online meeting via Microsoft Teams. 1400 CET to 1600CET.

This will be the inaugural and introductory meeting of the HSWG, so is designed to discuss the proposed work programme.

Work Program

Based on the Terms of Reference issued by HSSC agreed at HSSC12 in October 2020, the following work activities are proposed by the Chair and Vice Chair:

1. Work on promotion of S-44 within and beyond the HO community (https://iho.int/uploads/user/pubs/standards/s-44/S-44_Edition_6.0.0_EN.pdf)
2. Update C-13 Manual on Hydrography, followed by promotion and maintenance (<https://iho.int/uploads/user/pubs/cb/c-13/C-13.pdf>)
3. Liaise with DQWG to better align survey standards with data quality indicators
4. Ensure ongoing maintenance of S-44
5. Ensure coordination with other HSSC working groups (e.g. S-100WG and NCWG and HDWG (S-32))
6. Support the translation of S-44 and C-13
7. Exchange experiences of new technology, approaches and best practice
8. Provide a focal point for survey industry engagement with IHO
9. Recommend to HSSC that HSWG provide a focal point for issues relating to individual hydrographic accreditation

A more detailed work programme and roadmap will be developed within the working group during 2021.

Progress on HSSC Action Items

There are no current action items as the HSWG was only created in March 2021.

Problems Encountered

None

Any Other Items of Note

It is intended that the Chair and Vice-Chair will effectively work as cooperative co-chairs and may divide chairing responsibilities both in plenary sessions and for expected sub-groups.

Conclusions and Recommended Actions

The HSWG will initially be a particularly large group, and there are many different themes to the proposed programme of work. It is intended to manage the activity in a number of sub-groups to make best use of the available expertise and number of working group members.

Justification and Impacts

None – yet.

Action Required of HSSC

The HSSC is invited to:

- a. **note** this report;
- b. **encourage** collaboration with other IHO WGs where there is either overlap or where a data and product flowline needs to be considered (e.g. DQWG).
- c. **appoint** the HSWG to continue its work under the current ToRs;
- d. **approve** the work plan as currently stated and as it develops;

Current Terms of Reference:



HSWG_ToRs_E_2020.1
0.22.pdf

HSWG Membership (March 2021)

Member State	Organisation	Name	E-mail (correspondence)
Australia	Australian Hydrographic Office (AHO)	Andrew Coulls	andrew.coulls@defence.gov.au
Belgium	Vlaamse Hydrografie	Johan Verstraeten	johan.verstraeten@mow.vlaanderen.be
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