

1st MEETING OF THE MANUAL ON HYDROGRAPHY PROJECT TEAM

VTC, 15 November 2021



REPORT

Annexes:

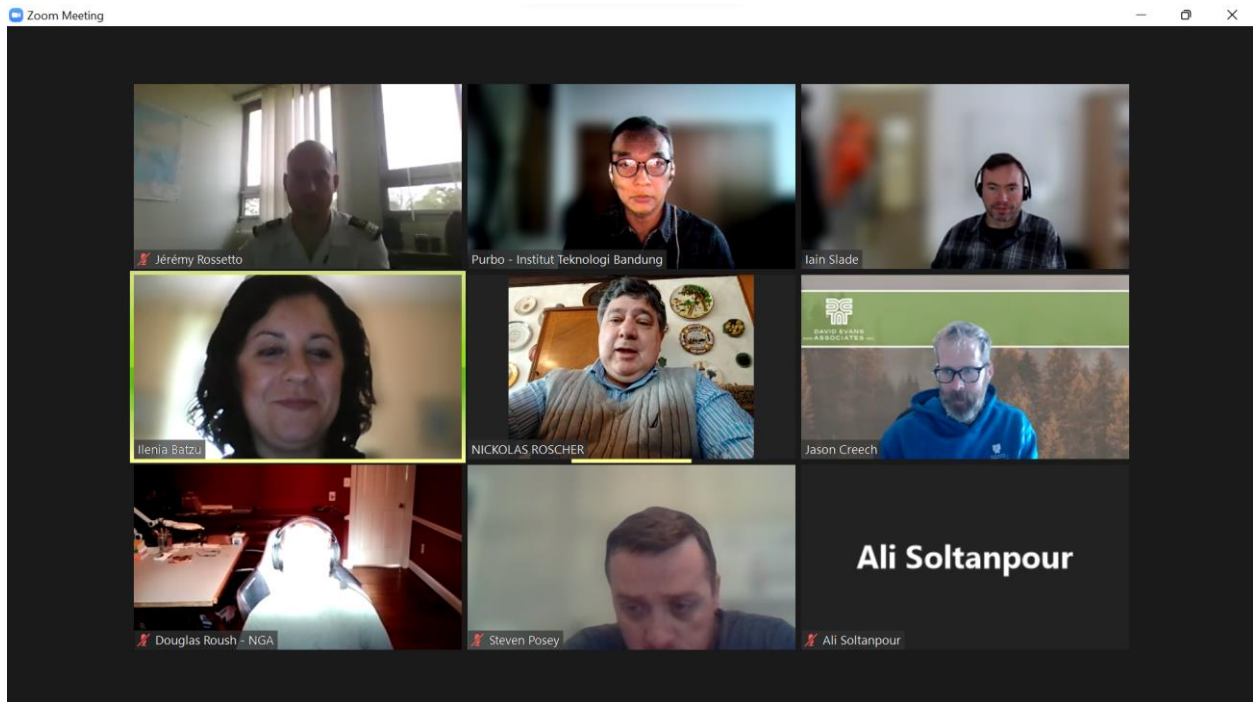
- A. Work Plan 2020 - 2022
- B. Approved Term of Reference

Introduction

The 1st Manual on Hydrography Project Team (MHPT) meeting took place on the 15th November as a VTC, as earlier announced. One session was dedicated to present administrative information, last meeting Minutes, and Agenda, which provided valuable input to the development the dynamics of the meeting.

The meeting was guided by the Chair, after agreement of the Project Team Staff, as follows: Nickolás Roscher (Chair), Iain Slade (Vice Chair) and Poerbandono (Secretary) (Purbo).

6. Group Photo

FROM UP LEFT TO THE RIGH

No.	Name
1.	JÉRÉMY ROSSETTO
2.	POERBANDONO
3.	IAIN SLADE
4.	ILENIA BATZ
5.	NICKOLÁS ROSCHER
6.	JASON CREECH
7.	DOUGLAS ROUSH
8.	STEVEN POSEY
9.	ALI SOULTAN POUR (cam issue)
10.	LJERKA VRDOLJAK (had to leave before the photo)

1. Welcome and opening remarks from project team chair (*Chair*)

- Nickolás opens the meeting and provide overview of the agenda.
 - No proposal for adding any other business into the agenda is raised by participants.
 - Jeremy has sent written input for further modification of C-13.
 - MHPT1-Decision 1: Approval of the Final Agenda.
- a) Terms of references, task, list of members.
- Nickolás announces the organization of the MHPT, NR chair, IS vice chair, P as secretary for the first year of MHPT. No objection from the participants.
 - MHPT shall talk to HSWG chair regarding a proposal for a one-day meeting for MHPT to share the plan.
 - Jeremy comments on the ToR. Draft of ToR is approved with minor amendment for final.
 - MHPT1-Decision 2: Approval of the Project Team Staff.
 - MHPT1-Decision 3: Approval of the MHPT TOR
- b) Clarify the purpose of and need for the C-13 Chapters?
- Ilenia: new hydrographer, high level knowledge
 - Jason: one-stop shop anyone practicing hydrography, industry and academia, refresher
 - Douglas: primarily used by trainers and students, basis reference document, CAT-A level
 - Steven: foundation for hydrographer, reference, training and building new hydrographer
 - Jeremy: guideline for operational, theoretical for education and teaching, separated volume
 - Iain: introductory level and link to S-5A/B and other standard documents
 - Purbo: third year university reading in university education for geodesy and geomatics
- c) Minutes of Manual on Hydrography Project Team (MHPT) meeting, including designation of individuals and lead(s) for PT for approval
- MHPT1-Decision 4: Minutes from the previous meeting is approved for final.
- d) Establish User Requirements for C-13
- A proposal on how the C-13 document should be will be prepared and discussed.
 - The initial requirements will follow S-A/B and S-44 standards.
 - Item b) (Clarify the purpose of and need for the C-13 Chapters?) discussion was taken into count during the discussion
- MHPT1-Decision 5: Manual shall be adherent to S-5A/B and S-44, and Chapter referring to Hydrographic Practice more detailed.
- e) Format and structure of next edition of C-13
- The way it is has been useful for the academia. Nickolás proposes to put it in a wiki-like online and living documents, with review mechanisms. Decision on the amendments is discussed during official meetings. C-55 is an example of such an on-line presentation.
 - Jeremy advices that the focus of MHPT is to update the document.

- Iain thinks that the team shall establish an order of priority.
 - MHPT1-Decision 6: preliminarily the document will remain as PDF document in order to facilitate actual users. A wiki document will be discussed further
 - MHPT1-Decision 7: Obtain or create word document versions of the latest version of C-13 for editing/review (P)
 - MHPT1-Decision 8: Establish a MHPT document share (P)

f) Clarify the scope and introduce chapters on S-8B level

- Nickolás advices that we shall identify the existing gap in the content with the advance of technology.
- Steven proposes to consider S-5B content
- Jeremy adds to look the S-44 for conformity
- Douglas advices gap analyses
- Ilenia and the rest of participants agree
- Brief discussion on including S-8 B level content, Iain and Nickolás proposed that with the advent of S-100 and E-Navigation S-8 objectives would be very good for all Hydrographers; and it was agreed by all.
 - MHPT1-Decision 9: Establish a MHPT document share (P)
 - MHPT1-Decision 10: Include one Cartography Chapter in the Manual

g) Maintenance of C-13

- MHPT will be divided into working groups working on specific chapters:
 - Chapter 1:- Principles of Hydrographic Surveying
 - Chapter 2:- Positioning
 - Chapter 3:- Depth Determination
 - Chapter 4:- Seafloor classification and Feature Detection
 - Chapter 5:- Water Levels and Flow
 - Chapter 6:- Topographic Surveying
 - Chapter 7:- Cartography (New)
 - Chapter 8:- Hydrographic Practice
- The task is to identify gaps on the respective topics against S-5A/B and S-44.
- An email correspondence with description of inquiries follows. Include key points from the discussion in this meeting for the description.
 - **Review of C-13 on a by chapter basis project team members to nominate which chapter group they will join (all)**
 - **C-13 Gap analysis compared to S5A/B and S-44, What is missing what is out of date? (all)**

h) Future translation of C-13

- Still too early to address this. Existing languages will be maintained. This will again be put as an agenda of the next meeting

2. Questionnaire (Vice Chair)

- Iain introduces the need of questionnaire and the early version of the draft.
- Revision on the draft is made along the way the questions are drawn one-by-one.
- Iain will improve the existing draft and redistribute it to members for further revision prior to finalization and publication.
 - **Update C-13 Questionnaire based on meeting discussion and send out for further revision (IS)**
 - **Look at questionnaire hosting (like S-44 questionnaire) (IS)**
 - **Write a C-13 document proposal which lays out the purpose, scope, target audience, content level**

3. Review of C-13 document

- This will be done along with Agenda No. 1d to 1g.

4. Other MHPT Matters: (*Chair*)

a) Who will be Liaising with other HSSC Working Groups (designation of individuals for liaison)

- DQWG through Anderson Peçanha
- HDWG through Douglas Roush
- TWCWG through Douglas Roush
- S100WG through Hans Oias
- NCWG through Mikko Hovi

Decision : include NCWG on leasing bodies, and Investigate Nautical Charting Working group liaison person (NR).

b) Date and type of next meeting

Decision: Talk to HSWG regarding the MHPT next meeting and how it will fit into the schedule of the HSWG meeting.

b) Any other businesses

Not discussed.

5. Follow-Up Actions

- a) Obtain or create word document versions of the latest version of C-13 for editing/review (P)
https://drive.google.com/drive/folders/1K_n2CeRDVMJqO8Ru_JaWq9SFIZSyAIAf
- b) Establish a MHPT document share (P)
https://drive.google.com/drive/folders/1K_n2CeRDVMJqO8Ru_JaWq9SFIZSyAIAf
- c) Establish MHPT Liaison to IHO secretariat
- d) Talk to HSWG regarding the MHPT next meeting and how it will fit into the schedule of the HSWG meeting.

- e) Update C-13 Questionnaire based on meeting discussion and send out for further revision (IS)
- f) Look at questionnaire hosting (like S-44 questionnaire) (IS)
- g) Write a C-13 document proposal which lays out the purpose, scope, target audience, content level
- h) Investigate Nautical Charting Working group liaison (NR)
- i) Review of C-13 on a by chapter basis project team members to nominate which chapter group they will join (all)
- j) C-13 Gap analysis compared to S5A/B and S-44. What is missing what is out of date? (all)

6. Participants

a) Attended

No.	Name	Email
1.	Douglas Roush	Douglas.L.Roush@nga.mil
2.	Iain Slade	i.slade@fugro.com
3.	Ilenia Batz	ilenia_batzu@marina.difesa.it
4.	Jason Creech	jasc@deainc.com
5.	Ljerka Vrdoljak	ljerka.vrdoljak@hhi.hr
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7.	Steven Posey	steven.c.posey.civ@us.navy.mil
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9.	Ali Soultan Pour	asoltanpour@yahoo.com
10.	Jérémy Rossetto	jeremy.rossetto@shom.fr

b) Responded

No.	Name	Email
1.	Brad Cooper	bcooper@linz.govt.nz
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5.	Megan Greenway	Megan.Greenaway@noaa.gov
6.	Carlos V Marques	Videira.Marques@hidrografico.pt