

Hydrographic Services and Standards Committee

Hydrographic Surveys Project Team

(work in progress – End of the meeting)



What we have done during the meeting

→ Table 1 agreements

Reference	Parameter Order	2	1b	1a	Special	Exclusive Order
Chapter 1 , Note 1	Area description (Generally)	Areas where a general description of the sea floor is considered adequate.	Areas where under-keel clearance is not considered to be an issue for the type of surface shipping expected to transit the area.	Areas where under-keel clearance is less critical but features of concern to surface shipping may exist.	Areas where under-keel clearance is critical	Warning bla bla
Chapter 2.3	Depth THU Constant [m] + Variable [% of Depth]	20 metres + 10% of depth	5 metres + 5% of depth	5 metres + 5% of depth	2 metres	1 metres
Chapter 3.2 , Note 2	Depth TVU Constant (a) [m] Variable (b) [% of depth]	a = 1.0 metres b = 2.3	a = 0.5 metres b = 1.3	a = 0.5 metres b = 1.3	a = 0.25 metres b = 0.75	a = ? metres b = ?
Chapter 3.4 , Note 3	Feature search Depths may not be produced / derived [%]	Not Applicable	Not Applicable	100%	100%	?
Chapter 3.3 , Note 4	Bathymetric Coverage Depths produced / derived [%]	5%	5%	≤ 100% + note	100%	200%
Chapter 3.4.1 , Note 5	Feature Detection (System Capability) Constant [m] or Variable [% of Depth]	Not Applicable	Not Applicable	Cubic features > 2 metres, in depths up to 40 metres; 10% of depth beyond 40 metres	Cubic features > 1 metre	Cubic features > 0.5 metre



Reminder : 4 “frames”

IHO Terms of Reference

INTERNATIONAL HYDROGRAPHIC
ORGANIZATION



ORGANISATION HYDROGRAPHIQUE
INTERNATIONALE

IHO File No. S3/7198

CIRCULAR LETTER 26/2017
03 March 2017

COMPOSITION OF THE IHO PROJECT TEAM ON STANDARDS FOR HYDROGRAPHIC SURVEYS (HS PT)

Reference: IHO CL 68/2016 dated 20 December - *Establishment of the IHO Project Team on Standards for Hydrographic Surveys (HS PT)*

The Questionnaire

The screenshot shows the IHO questionnaire form for the HSPT project team. It includes the IHO logo, the title 'IHO Hydrographic Services and Standards Committee (HSSC) Project Team on Standards for Hydrographic Surveys (HSPT) S-44 Questionnaire', and a section for 'Section 1: About you'. The form contains various questions and checkboxes for respondents to provide information about their background and involvement in hydrography.

IHO Stakeholder comments

The screenshot displays a spreadsheet with columns for 'Topic', 'Comments', and 'Response'. It lists various topics related to the 'S-44 Working Group - IHO Standards for hydrographic surveys' and provides detailed feedback from stakeholders. The comments cover topics such as the classification of safety of navigation surveys, the use of electronic data, and the inclusion of new technologies.

HSPT members inputs



International Hydrographic Organization
Organisation Hydrographique Internationale

HSPT4 – December 2019 – Monaco IHO

What we have done

→ X chapters reviewed

All modifications on line
(Google Drive)
Document + Spreadsheet

X PREFACE.....	3
X INTRODUCTION.....	5
X GLOSSARY.....	6
X Chapter 1 CLASSIFICATION OF SAFETY OF NAVIGATION SURVEYS.....	9
X Chapter 2 HORIZONTAL AND VERTICAL POSITIONING.....	11
Chapter 3 DEPTH, BOTTOM COVERAGE, FEATURES, AND NATURE OF THE BOTTOM	13
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What we should do

→ Proposals for S32 (Hydro. Dictionary Working Group)

(not fully compliant with VIM/GUM but “practical” for Hydro Community)

1. Bathymetric coverage
2. Bathymetric model
3. Uncertainty
4. TVU
5. THU
6. TPU
- + ?

Discussions on the way with DQWG

IHO HYDROGRAPHIC DICTIONARY WORKING GROUP

HYDROGRAPHIC DICTIONARY CHANGE PROPOSAL FORM

Notes:

1. This form is intended to be used as an interim IHO Hydrographic Dictionary Change Proposal form pending implementation of a more interactive online proposal mechanism.
2. All fields marked (M) must be completed for Addition proposals.
3. If the Proposal type is Clarification, Supersession or Retirement: The Term, Term ID, Proposed change, Justification, Submitting organization and Date proposed fields are mandatory. For the remaining fields, only those fields proposed to be changed should be populated.
4. If the value selected for the Specialization field is Hydrography: The Hydrography subcategory field is mandatory. For all other values of Specialization, Hydrography subcategory is not required.
5. For fields containing a list of values from which a choice is to be made, only one value must be chosen from the list. This value can be indicated by highlighting as bold text; or by deleting the values that are not relevant.
6. Fields that are not listed values are free text fields.
7. Please send completed forms to the IHO GI Registry Manager at jeff.wootton@iho.int.

Proposal type (M)

[Addition;
Clarification;
Supersession; Retirement]

Term (M)

Term ID (Note 3)

Definition (M)



What we should do

At the end of the meeting:

- Vote for the cover (and check with IHO for compliancy)
- Release a version **1.7.X** (still under construction)

Before beginning of January:

- Small committee from HSPT4 participants (GBR, US, SWE, NL, CAN, PRT, Chair): review **v1.7.X** and release **v1.8.0**

From beginning of January to Mid of February:

- For HSPT members: review **v1.8.0**



What we should do

Mid February:

- Small committee : collect comments from members – create new spreadsheet
- Chair: send spreadsheet to all HSPT members
- Chair: prepare an “impact statement” for HSSC

Beginning of March:

- HSPT5
- HSPT5 participants: Release v.1.9.0 during HSPT5

After HSPT5:

- At the end of HSPT5: send v1.9.0 to all HSPT members for the last loop
- Possible modifications until 20th of March.
- **27th of March: release v2.0.0**



Thanks to IHO for hosting HSPT4



Thanks to all participants !!



Have a safe trip back Home



