



Nautical Cartography Working Group

Notes from HSSC11

NCWG5-04.1A

NCWG5, Stockholm, Sweden, 5 - 8 November 2019



- HSSC11, Cape Town, South Africa, 6 – 8 May 2019
- 63 participants +
 - 24 Member States
 - 11 Stakeholder Organizations
- Chair RAdm Luigi Sinapi (IT)
- Vice-Chair Magnus Wallhagen (SE)
 - Elected by the Committee in the meeting following the resignation former Vice-Chair Mike Prince (AU)



IHO

HSSC11 TOPICS

International
Hydrographic
Organization

- Revised IHO Strategic Plan
- Revision of Resolution 2/2007
- S-100 Implementation strategy
- S-100 Interoperability (S-98)
- Future of the Paper Nautical Chart
- S-44 Ed. 6.0.0



Nautical Cartography Working Group

Actions from HSSC11

NCWG5-04.2A

NCWG5, Stockholm, Sweden, 5 - 8 November 2019



IHO

HSSC11 ACTIONS

International
Hydrographic
Organization

5.3	INT-1	HSSC11/34	HSSC confirmed that the development and maintenance of an INT1 “.svg” based symbol repository, as defined, is assigned to the NCWG , but noted the subsequent comments made by the NCWG Chair that this task cannot be simply addressed for multiple reasons (resources, national versions of INT-1 symbols, ...), as well as the US comment on Chart-1.		Decision
-----	-------	-----------	--	--	----------

NCWG5, Stockholm, Sweden, 5 - 8 November 2019



IHO

HSSC11 ACTIONS

International
Hydrographic
Organization

5.3	S-57 UOC, MARPOL	HSSC11/42	Based on the submission made by the US (Doc. HSSC11-05.1G refers), ENCWG (in liaison with NCWG) to consider the possibility of developing an S-57 UOC covering MARPOL regulations, and its applicability to different scale bands.	ENCWG4	Ongoing - guidance for MARPOL in the next edition of the UOC
-----	---------------------	-----------	---	---------------	---

^[1] See S-4, B-437.5 as useful reference.



IHO

HSSC11 ACTIONS

International
Hydrographic
Organization

	IHO Resolution 1/2005 as amended	HSSC11/44	India to submit a proposal to NCWG on a way to address some requirements of the IHO Resolution 1/2005 (Response to Disasters) aiming to incorporate emergency contact numbers on charts.	NCWG-5	In progress
--	----------------------------------	-----------	---	---------------	--------------------

NCWG5, Stockholm, Sweden, 5 - 8 November 2019



IHO

HSSC11 ACTIONS

International
Hydrographic
Organization

	INT-1	HSSC11/45	<p>HSSC noted the discontinuation of the maintenance of INT-1 (English version) by Germany...</p> <p>...and invited NCWG to investigate the possible options and consequences for the future of the 3 INT-1 versions (English, French, Spanish), investigations should include, a web service version of this publication making benefit of the S-100 Portrayal Registry, freezing the current versions, or the hand-over by another HO.</p>	NCWG5 / HSSC-12	<u>Decision</u>
--	-------	-----------	--	----------------------------	-----------------

NCWG5, Stockholm, Sweden, 5 - 8 November 2019



IHO

HSSC11 ACTIONS

International
Hydrographic
Organization

	Future of Paper Chart	HSSC11/46	<p>In addition to comments already provided by Australia, Canada, Germany, France, UK, US, HSSC Members to provide comments/inputs if any to NCWG on the preliminary report on the Future of the Paper Chart, as well as on the proposed survey.</p> <p>NCWG/IHO Sec./Member States to undertake the actions as proposed by the NCWG on the future of the paper chart, including the survey (Doc. HSSC11-05.4B, slide 4, refers).</p>	<p>23 May</p> <p>10 June / NCWG5 / HSSC-12</p>	<p>In progress. Survey completed</p>
--	-----------------------	-----------	---	--	--

NCWG5, Stockholm, Sweden, 5 - 8 November 2019



IHO

HSSC11 ACTIONS

International
Hydrographic
Organization

	From ENC to Paper Chart	HSSC11/47	NCWG to anticipate the need to consider the proposals made at HSSC-11 on the automated production of paper charts from ENCs at its next meeting.	NCWG-5	
--	----------------------------	-----------	---	---------------	--

NCWG5, Stockholm, Sweden, 5 - 8 November 2019



IHO

HSSC11 ACTIONS

International
Hydrographic
Organization

	Portrayal	HSSC11/48	S-100WG, ENCWG, NCWG, and NIPWG to develop a harmonized portrayal process for S-98.	HSSC-12	
--	-----------	-----------	--	----------------	--

NCWG5, Stockholm, Sweden, 5 - 8 November 2019



IHO

HSSC11 ACTIONS

International
Hydrographic
Organization

	Visualization of Quality of Bathymetric Data	HSSC11/50	<p>HSSC commended the DQWG for the work carried out on the development of the conditional visualization <i>methodology</i> of quality of bathymetric data...</p> <p>...and encouraged this development to be pursued in liaison with S-100WG Chair, NCWG, NIPWG, ENCWG, S-101PT, involving if possible academia, training centres, expert contributors and industry partners (for testing and implementation experimentations).</p>	HSSC-12	Decision
--	---	-----------	--	---------	----------

NCWG5, Stockholm, Sweden, 5 - 8 November 2019



Nautical Cartography Working Group

Report from S100WG

NCWG5-04.3A

NCWG5, Stockholm, Sweden, 5 - 8 November 2019



- S100WG4, Aalborg, Denmark, February 2019
- S100TSM7, Monaco, September 2019

- Membership
 - 23 member states
 - 15+ industry members

- Chair Julia Powell (US)
- Vice-Chair Yong Baek (KR)



IHO

S100WG PROJECT TEAMS

International
Hydrographic
Organization

- S101PT
 - Al Armstrong (US)
- S102PT
 - David Brazier (US)
- S121PT
 - Mark Alcock (AU)
- S129PT
 - Nick Lemon (AU)



Nautical Cartography Working Group

Report from ENCWG

NCWG5-04.4A

NCWG5, Stockholm, Sweden, 5 - 8 November 2019



- ENCWG, Monaco, June 2019
- Membership
 - 33 member states
 - 21 expert contributors
- Chair Thomas Mellor (UK)
- Vice-Chair Richard Fowle (DK)

