

**LIST OF DECISIONS & ACTIONS ARISING FROM HSSC-8**

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AGENDA ITEM	SUBJECT	ACTION No.	ACTIONS (in bold, action by)	TARGET DATE/EVENT	STATUS (at <b>24 Jan 2017</b> )
<b>1. Opening and Administrative Arrangements</b>					
<b>3. Matters arising from Minutes of 7th HSSC Meeting</b>					
	S-1xx Portrayal Issues	HSSC8/03 (Former HSSC7/18)	<b>NCWG</b> to compile portrayal requirements relating to product specifications in general as part of its programme of work.		On going
	S-122 test beds	HSSC8/04 (Former HSSC7/20)	For S-122 ( <i>Marine Protected Areas</i> ), and assuming that sufficient information is available, <b>NIPWG</b> , in liaison with NCWG and S-100WG, to make use of test beds opportunities (e-navigation projects as appropriate).		On going
	E-navigation implementation	HSSC8/05 (Former HSSC7/37)	<b>ENCWG and S-100WG</b> to monitor any possible impact of the work on the agreed e-navigation outputs on ECDIS related standards and S-100 related standards respectively.		On-going

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<b>4. HSSC Administration</b>					
<b>4.1 Input from HSSC to the IHO Strategic Plan</b>					
		HSSC8/09	HSSC endorsed the principles of the changes proposed in PRO-6 by ROK, related to IHO Res. 2/2007, and recommended that they be considered alongside a more holistic review taking into account the impacts on all parties involved.		Decision
<b>5. Reports by HSSC Working Groups</b>					
<b>5.1 S-100 (S-100WG)</b>					
		HSSC8/11	HSSC endorsed the draft Edition 3.0.0 of S-100. <b>S-100WG Chair</b> to provide a redline version and a clean copy to the IHO Secretariat. <b>IHO Sec.</b> to issue a CL to IHO Member States seeking their approval of the draft Edition 3.0.0 of S-100.	<b>15 Dec. 2016</b>  <b>End of Dec. 2016</b>	Completed
		HSSC8/12	<b>IHO Sec. in liaison with S-100WG</b> to promote the operational status of the IHO S-100 Registry.	<b>End of Dec. 2016</b>	On going
		HSSC8/13	HSSC invited <b>KHOA</b> to consider supporting further development of S-100 Registers (Product Spec. and Data Producer Code Registers) and stabilization of the Feature Concept Dictionary and Portrayal Registers.	<b>Dec. 2016</b>	On going Feedback expected at S-100WG2

AGENDA ITEM	SUBJECT	ACTION No.	ACTIONS (in bold, action by)	TARGET DATE/EVENT	STATUS (at 24 Jan 2017)
		HSSC8/14	<p><b>HSSC</b> decided to establish:</p> <ul style="list-style-type: none"> <li>- a Cross-Domain Control Body and an Executive Control Body for the IHO Registry,</li> <li>- and an Expert Group for the HYDRO domain,</li> </ul>		Decision  See S100WG02 - 10.2
			and invited the <b>S-100WG</b> to propose their membership and TORs accordingly.	<b>HSSC-9</b>	
		HSSC8/15	<b>S-100WG, NIPWG</b> to submit formal requests to the IHO Sec., through the HSSC Chair, for financial support from the IHO special project fund for the relevant items of their respective work plans.	<b>NIPWG-3, S-100WG-2</b>	On-going
		HSSC8/16	<p><b>HSSC</b> requested the <b>S-121 Project Team</b> (<i>Maritime Limits and Boundaries</i>) to abide by its TORs and the current work plan agreed at HSSC-7, and to submit a draft Product Spec. for consideration by the S-100WG (by end of March 2017). Extension of the Product Spec. to be considered in the future, after approval of Ed. 1.0.0 of S-121 (<i>Maritime Limits and Boundaries</i>).</p>	<b>March 2017</b>	On-going

AGENDA ITEM	SUBJECT	ACTION No.	ACTIONS (in bold, action by)	TARGET DATE/EVENT	STATUS (at 24 Jan 2017)
		HSSC8/17	<b>HSSC</b> allocated S-129 to the Product Spec. on Under Keel Clearance Management (UKCM) information and invited INTERTANKO to participate in the UKCM PT.		Decision
		HSSC8/18	<b>FR</b> invited to submit a proposal to the S-100WG on using Resource Description Framework (RDF) semantic web standards for further S-100 developments.	<b>S-100WG2</b> , then report to <b>HSSC-9</b>	Completed see <b>S100WG02-9.3B</b>
	S-101&IMO Performance Standards	HSSC8/19 (Former HSSC7/06)	<b>S-100WG</b> invited to investigate if S-101 ENCs will meet the current IMO Performance Standards so there is no need to consider proposing amendments to the IMO.	<b>S-100WG2</b>	
	S-101&IMO Performance Standards	HSSC8/20	<b>HSSC</b> to revisit the discussion on the above issue at an ECDIS/E-navigation Stakeholder Day after NCSR-4, subject to the outcome of the proposal to activate the IMO/IHO Harmonization Group on Data Modelling (HGDM).	<b>HSSC-9</b>	
<b>5.2 Data Protection Scheme (DPSWG)</b>					

AGENDA ITEM	SUBJECT	ACTION No.	ACTIONS (in bold, action by)	TARGET DATE/EVENT	STATUS (at 24 Jan 2017)
	Protection Scheme	HSSC8/21	<b>HSSC</b> decided to disband the DPSWG and to transfer to the S-100WG the development of the protection scheme (S-63 equivalent component) of S-100 based-products (amendment to the Work Plan made accordingly). <b>HSSC</b> decided to task the ENCWG for the maintenance and monitoring of the existing S-63 standard (amendment to the ENCWG TORs and Work Plan made accordingly).	<b>End of Nov. 2016</b>	Decision
	Staffing and support	HSSC8/22	<b>S-100WG and ENCWG in liaison with the DPSWG (former) Chair</b> to report on the resources and profiles necessary to address the work items in both groups, and define work packages that could be possibly out-sourced.	<b>HSSC-9</b>	
<b>5.6 Data Quality (DQWG)</b>					
	Portrayal of bathymetry quality in S-101	HSSC8/39	<b>NCWG</b> to consider the paper on the “ <i>visualization of bathymetric uncertainties data in S-101</i> ” and develop appropriate recommendations on the way forward.	<b>NCWG-3</b>  <b>HSSC-9</b>	
<b>5.8 Tides, Water Level and Currents (TWCWG)</b>					

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	S-104, S-112	HSSC8/41	<b>HSSC</b> approved the revised names of the S-100 based Product Specifications for S-104 ( <i>Water Level Information for Surface Navigation</i> ) and S-112 ( <i>Dynamic Water Level Data Transfer</i> ).		Decision
	NetCDF format	HSSC8/42	<b>TWCWG</b> to investigate the use of the NetCDF format within the IHO and provide recommendations to the S-100WG as appropriate, for further considerations.	<b>TWCWG2, May 2017</b>	
<b>5.9 Hydrographic Dictionary (HDWG)</b>					
	Definitions Registries	HSSC8/44	<b>HDWG</b> to consider the location of authoritative definitions, considering the GI Registry, S-32, and recommend the way forward on the maintenance as well.	<b>HDWG meeting, early 2017</b>	
<b>7. Decisions of other bodies affecting HSSC</b>					
<b>7.1 IRCC (incl. MSDIWG)</b>					
	Coordinate Reference Systems	HSSC8/49	<b>IHO Sec on behalf of HSSC</b> to monitor the development of the OGC Candidate Standard through the Marine Domain WG.	<b>HSSC-9</b>	
	Coordinate Reference Systems	HSSC8/50	<b>OGC</b> invited to report to HSSC (and MSDIWG) on the development of the Discrete Global Grid Systems (DGGS) aiming to replace Coordinate Reference Systems (CRS) and its possible impact on the IHO standards, products and services.	<b>HSSC-9</b>	

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	Undersea Feature Names	HSSC8/51	<p><b>HSSC</b> endorsed the TORs of the UFN Project Team submitted by SCUFN and included liaison with this PT as work items in the Work Plans of NCWG, HDWG and S-100WG.</p> <p><b>IHO Sec.</b> to issue a CL calling for nomination in the UFN Project Team.</p>	January 2017	On going
<b>7.2 IMO</b>					
	E-navigation, HGDM	HSSC8/53	<p><b>HSSC</b> endorsed the draft (V3) submission to NCSR 4 on activating the IMO/IHO Harmonization Group on Data Modelling (HGDM) (annexed to HSSC8-07.2C) including the suggestions made by the IMO Rep. at HSSC8, and agreed on the way forward related to the draft submission to NCSR 4:</p> <p><b>HSSC members</b> invited to liaise with their national maritime administrations to consider:</p> <ul style="list-style-type: none"> <li>-co-sponsoring the submission,</li> <li>-commenting on the submission,</li> <li>-supporting the submission,</li> <li>-nominating representatives to the HGDM,</li> <li>-nominating candidates for chairing the HGDM.</li> </ul>	<p>30 Nov 2016</p> <p>20 Jan 2017</p> <p>NCSR4</p> <p>NCSR4</p> <p>NCSR4</p>	On going

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	E-navigation, HGDM	HSSC8/54	<b>HSSC</b> decided to remain supportive in the development of the maritime single window concept, on request only, due to resources concerns.		Decision
	E-navigation	HSSC8/55	<b>HSSC</b> confirmed currents arrangements to develop and provide IHO input to relevant on-going and planned outputs related to e-navigation.		Decision
<b>7.3 IALA</b>					
	Unique Identifiers, Data Streaming	HSSC8/58 (Former HSSC7/42)	<b>IALA</b> to submit its requirements on Maritime Resource Name scheme to the S-100WG, as well as additional input on data streaming requirements, then report to HSSC-9.	<b>S-100WG2</b>  <b>HSSC-9</b>	Completed See <b>S100WG2-8.3</b>
<b>7.4 IEC</b>					
	Liaison with TC80/WG17	HSSC8/59	<b>S-100WG Chair</b> to act as IHO liaison with the IEC/TC80/WG17		Decision
<b>7.6 Inland ENC Harmonization Group (IEHG)</b>					
	Portrayal Catalogue Builder, S-401	HSSC8/62	<b>S-100WG Chair</b> to liaise with IEHG for testing the Portrayal Catalogue Builder with S-401 ( <i>Inland ENC</i> ), as appropriate.	<b>HSSC-9</b>	
<b>7.7 ISO</b>					
7.7	Monitoring of ISO/TC 211 activities	HSSC8/63	<b>HSSC</b> invited the IHO Sec. to continue monitoring ISO/TC211 activities and to inform the MSDIWG of relevant developments.	<b>Permanent</b>	
<b>7.13 ICPC</b>					



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	Interaction with ICPC Focus Group	HSSC8/66	<b>HSSC</b> welcomed the offer of the ICPC Focus Group to interact with the S-100WG, NIPWG, NCWG and MSDIWG, as appropriate. <b>ICPC Focus Group</b> to consider participation in the S-100WG2/ENCWG2 meeting (initial liaison between ICPC's point of contact to HSSC and S-100WG Chair).	<b>S-100WG2, March 2017</b>	
<b>7.14 DGIWG and NATO GMWG</b>					
	AML	HSSC8/71	Considering the existence of the AML Domain, <b>HSSC</b> allocated S-501 to S-525 as AML product specification identifiers		Decision