

**7<sup>TH</sup> MEETING OF THE HYDROGRAPHIC SERVICES AND STANDARDS COMMITTEE  
Busan, Republic of Korea, 9-13 November 2015**

**Paper for Consideration by IRCC  
IRCC Activities (including MSDI) affecting HSSC**

<b>Submitted by:</b>	IRCC Secretary
<b>Executive Summary:</b>	This paper presents the decisions/actions/tasks agreed at the 7 <sup>th</sup> meeting of the Inter-Regional Coordination Committee that may be relevant to the work of HSSC.
<b>Related Documents:</b>	<a href="#">IHO CL 69/2015</a> - <i>Outcome of the 7th IRCC Meeting</i> <a href="#">IRCC7-08D</a> – <i>Report of the WENDWG</i> <a href="#">IRCC7-08E.rev1</a> – <i>Report of the MSDIWG</i> <a href="#">IRCC7-10A</a> – <i>Input from HSSC-6</i> HSSC7-05.6B – <i>WENDWG Interim Report on AIO</i>
<b>Related Projects:</b>	HSSC Work Programme Maintenance of IHO Publications and Services related to ENC and ECDIS.

## **Introduction**

1. The seventh meeting of the Inter-Regional Coordination Committee (IRCC7) took place in Mexico City, Mexico, from 1 to 3 June 2015. The report and the lists of actions, decisions and tasks are available on the IHO web site at [www.iho.int](http://www.iho.int) > Committees & WG > IRCC > IRCC7.
2. The IRCC reviewed the reports and activities of the RHCs and its subordinate bodies, considered the outcomes of the 5<sup>th</sup> Extraordinary International Hydrographic Conference (EIHC-5), acknowledged the accomplishments and challenges of the Capacity Building programme and IBSC activities, examined the developments on Crowd-Sourced Bathymetry and maximizing the use of Hydrographic Data and considered the Worldwide ENC Database (WEND) related issues.
3. As directed by EIHC-5, the IRCC established a Crowd-Sourced Bathymetry Working Group (CSBWG) and approved its Terms of Reference (ToR). The Committee also appointed the Director of the IHO Data Centre for Digital Bathymetry (DCDB), Ms Lisa Taylor (USA), as the first Chair of the CSBWG.
4. The Committee considered a revision of its ToR and Rules of Procedure (RoP) to include the Chairs of the Maritime Spatial Data Infrastructure Working Group (MSDIWG) and the newly established CSBWG as members of the Committee. The revised ToR and RoP have been submitted to Member States for approval (CL 73/2015 refers). The Committee reviewed the MSDIWG Work Plan and the status of previous HSSC actions and requests HSSC considerations regarding to the development of S-1xx, INSPIRE and other current issues (doc. IRCC7-08E refers).
5. The Committee examined the management and monitoring of INT chart production and agreed on an experimental procedure for monitoring and validating new INT Chart production. This procedure will be coordinated and implemented by Regional INT Chart Coordinators or INT Chart Coordination Working Groups (ICCWGs) and will run for two years before further evaluation (doc. [IRCC7-06B](#) refers). This new implementation has been announced to the Member States by IHO CL 64/2015 and will be considered at the Workshop for Regional INT Chart/ENC Coordinators which will be held in conjunction with NCWG-2.

6. The Committee decided to add the topic of satellite-derived bathymetry as a standing agenda item at all future IRCC meetings. The Committee also took note of the IHO GIS and INTogIS Projects reported by the IHB and how they should have a beneficial impact on RHCs and the Member States' activities.

7. The Committee approved the CB work programme, the IBSC work plan and endorsed the new IHO Publication S-5B - *Standards of Competence for Hydrographic Surveyors Category B* that has been submitted to Member States for approval (CL 53/2015 refers). Subsequently it has been adopted and will enter into force in January 2016. The Committee also endorsed the proposal of the World-Wide Navigational Warning Service Sub-Committee (WWNWS-SC) to submit proposed revised texts related to Maritime Safety Information documents directly to the International Maritime Organization through the IHB in the future.

8. Taking into account Decision 12 of EIHC-5 concerning the long term consequences of not achieving full implementation of the WEND Principles, the IRCC reviewed the WEND Principles and the Guidelines for its implementation, ENC Coverage including gaps and overlaps, information overlay issues and proposals arising from the WEND Working Group report. The Committee agreed that no further action should be taken for the moment on amending the WEND Principles and Guidelines and approved the WENDWG Work Programme for 2015-2016. However, the WENDWG noted that the IHO Publication S-65 *Electronic Navigational Charts, Production, Maintenance and Distribution Guidance* needs maintenance to align with the WEND Principles and Guidelines. WENDWG requested the HSSC to task ENCWG to undertake this task and NCWG to provide the AIO benefits/risks evaluation and final recommendations (doc. IRCC7-08D refers).

9. The Committee considered papers on data gathering, the management and maximizing the use of hydrographic data, and guidance on access to bathymetric data collected for commercial or scientific purposes. As a result, the IRCC agreed on the need to update IHO publication C-16 - *National Hydrographic Regulations* and also decided that an appropriate supplement or additional chapter, as appropriate, on maximizing access to bathymetric data collected for commercial or scientific purposes was required in IHO Publication C-17 - *Spatial Data Infrastructures: "The Marine Dimension" - Guidance for Hydrographic Offices*.

10. IRCC7 considered the report on the outcomes of HSSC-6 (IRCC7-10A refers) and decided appropriate actions.

11. The table in Annex lists the actions of IRCC-7 that may be relevant to the work of HSSC with an indication of potential impact on HSSC.

#### **Action required of HSSC**

12. The HSSC is invited to:

- a. **Note** this report,
- b. **Consider** the requests from the MSDIWG (doc. IRCC7-08E).
- c. **Task** the ENCWG to review the IHO Publication S-65 *Electronic Navigational Charts, Production, Maintenance and Distribution Guidance* to align it with the WEND Principles and Guidelines,
- d. **Consider** the potential shortcomings of ENC and ECDIS and the relevance of overlay services (AIO), including the proposals made by the NCWG on this matter and provide recommendations to the WENDWG by the end of Jan. 2016 if any, so the WENDWG can provide the AIO benefits/risks evaluation and final recommendations to IRCC-8 (doc. IRCC7-08D).
- e. **Consider** the potential impact of IRCC-7 actions, decisions and tasks relevant to its work,
- f. **Take any other actions** considered necessary.

## Actions from IRCC-7 relevant to HSSC

No	Action	Potential impact on HSSC
<b>IRCC7/15</b> <b>IRCC7/16</b>	Provide material to the IHB to promote the achievements of IRCC bodies... ...take every opportunity to promote the achievements of IRCC bodies	Public and stakeholders information is a key component of the IHO programme of work. It is important to engage more stakeholders in the work of HSSC. Same request to HSSC bodies to be considered.
<b>IRCC7/47</b>	request HSSC to consider the technical issues raised in the MSDIWG Report, doc. IRCC7-08E	Doc. IRCC7-08E informs the status of previous HSSC actions and requests to HSSC considerations regarding to the development of S-1xx and to INSPIRE.
<b>IRCC7/55</b>	provide a more detailed description of the purpose and impact of Admiralty Information Overlays (AIO)	Doc HSSC7-05.6B from the WENDWG Chair provides an interim report to HSSC7.
<b>IRCC7/56</b>	provide comments on doc. WENDWG5-04B (Relevance of information overlay services and their status in the global IHO ENC programme) to IRCC	This will be reported to HSSC8, following the review at IRCC8.
<b>IRCC7/58</b>	report to HSSC that there is a need to align IHO S-65 with the WEND Principles and some sections of the WEND Guidelines and that this work might be undertaken by the ENCWG	Doc. IRCC7-08B notes Publication S-65 (Electronic Navigational Charts, Production, Maintenance and Distribution Guidance) needs some maintenance to align it with the WEND Principles and Guidelines. HSSC is requested to task the ENCWG to undertake this maintenance.