

**6th MEETING OF THE IHO-INTER REGIONAL COORDINATION COMMITTEE
IHO IRCC-6
PARIS, FRANCE, 19-20 MAY 2014**

Input from HSSC-5

Submitted by:	Secretary, HSSC
Executive Summary:	This liaison report outlines the outcomes from the fifth meeting of the Hydrographic Services and Standards Committee (HSSC-5) of interest to the IRCC.
Related Document:	IHO CL 08/2014

General

1. The fifth meeting of the Hydrographic Services and Standards Committee (HSSC) took place in Shanghai, China, hosted by the Maritime Safety Administration (MSA) of China, from 5 to 8 November 2013. The meeting was attended by 62 representatives from 25 Member States, Primar Regional ENC Coordinating Centre (RENC), the IHB, and six international organizations accredited as observers.
2. The final minutes of HSSC5, together with the list of actions arising from the meeting are available from the HSSC page of the IHO website (www.iho.int > Committees & WG > HSSC), at section HSSC 5. The consolidated HSSC Work Plan 2014-2015 is also available from that page, at section Miscellaneous.
3. The 6th HSSC meeting (HSSC-6) will be hosted by the Hydrographic Office of Chile (SHOA) and held from 10 to 14 November 2014, in Valparaiso, Chile.

Consideration of the outcome of IRCC-5

4. The HSSC was informed of the consideration by the IRCC of satellite derived bathymetry and crowd-sourcing developments and noted that this could have an impact on S-44 in the future.

Issues referred to the IRCC

5. The following issues considered by HSSC-5 are referred to the IRCC for further consideration through this liaison report.
6. When reviewing the provision of temporary and preliminary ENC updates, the HSSC expressed concern that the differences between paper charts updates and ENC updates, as well as inconsistencies between ENCs from different producers, reflect badly on the IHO. Accordingly, the HSSC requests the IRCC to encourage the resolution of these issues by Regional Hydrographic Commissions via the WEND Working Group.
7. One of the HSSC Working Performance Indicator monitored by the HSSC is the number of ENCs distributed annually under license (equivalent annual licences). The aim of this indicator is to monitor ENC usage throughout the SOLAS market. The current indicator is based solely on the inputs from Primar and IC-ENC. Noting that this does not account for ENC distributed outside of the RENCs, the HSSC requests that the WEND Working Group be tasked by the IRCC to assess how representative is the ENC usage indicator based solely on the inputs from Primar and IC-ENC, and to propose alternatives if appropriate.
8. The HSSC reviewed the list of events that could offer opportunities to interact with stakeholders in 2014 and considered which events would justify the involvement of representatives from IHO Member States and/or from the IHB, taking into account the available resources. The participation envisaged was indicated in the table in Annex A to IHO CL 8/2014. Member States were invited to liaise with the IHB if they were in a position to represent the IHO at those events where no participation was planned. An updated list is provided in the annex for further consideration by the IRCC.

Other issues of interest for the IRCC

9. The Marine Spatial Data Infrastructure Working Group (MSDIWG) was tasked, through its work plan, to

promote the contribution of IHO and of its Member States to the development of MSDI. The HSSC noted that the Regional Hydrographic Commissions have a vital role to play and, as agreed by HSSC-5, this issue is addressed in a separate submission from the MSDIWG.

10. Noting the progress of e-navigation and the need for a digital exchange format for Maritime Safety Information (MSI), compliant with S-100, France proposed that an HSSC WG should be tasked to develop a product specification for navigational warnings. The HSSC invited the WWNWS Sub-Committee to liaise with the Transfer Standard Maintenance and Applications Development Working Group (TSMAD) to develop an S-100 Product Specification for Navigational Warnings, now identified as IHO S-124.

Proposals

11. IRCC is invited to

- a. **Note** this report;
- b. **Encourage** the Regional Hydrographic Commissions to resolve inconsistencies between paper charts and ENC's and between ENC's from different producers via the WEND Working Group;
- c. **Task** the WEND Working Group to assess how representative is the ENC usage indicator based solely on the inputs from Primar and IC-ENC, and to propose alternatives if appropriate
- d. **Consider** opportunities to interact with stakeholders in 2014 and **encourage** participation in the relevant events.
- e. **Take** any other actions as it considers appropriate.

Annex

Potential Stakeholders' Events planned in 2014

Reviewed by the HSSC and updated by the IHB

Events	Date (2014)	Location	Comments	Update
1 st session of the IMO Sub-Committee on Ship Design and Construction (SDC 1)	20-24 Jan	London United Kingdom	IHB participation (agenda item on the Polar Code)	CL08/2014
2nd International Workshop on Global e-Navigation Test Bed	27-janv	Copenhagen Denmark	IHB participation	CL08/2014
E-navigation Underway 2014	28-30 Jan	Ferry Route Copenhagen, Denmark - Oslo, Norway - Copenhagen, Denmark	Event supported by the IHO. IHB participation	CL08/2014
IIC Technologies Workshop on Electronic Charting	29-30 Jan	Vancouver, Canada	CHS to consider representing the IHO.	CL08/2014
IHO/MSDI Open Forum	4 Feb	Silver Spring Maryland, USA	IHO event In conjunction with MSDIWG-5	CL08/2014
World Ocean Summit 2014	24-26 Feb	San Francisco California, USA		CL08/2014
5th Polar Shipping Summit	26-27 Feb	London, UK		CL08/2014
IHO Capacity Building Stakeholders' Seminar	05-06 Mar	Monaco	IHO event	CL08/2014
IHO Standards of Competence Stakeholders' Seminar	07-mars	Monaco	IHO event	CL08/2014
Oceanology International 2014	11-13 Mar	London, UK		CL08/2014
E-navigation Underway North America	03-04 Apr	Vallejo, California, USA	Event supported by the IHO. IHO MS in the Americas invited to attend.	CL08/2014
XXII IMPA Congress	7-11 Apr	Panama City, Panama		CL08/2014
ENC-GNSS 2014	14-17 Apr	Rotterdam Netherlands		CL08/2014
8th Seoul International Maritime Forum	23 Apr	Seoul, ROK	IHB invited to attend	CL08/2014
CIRM Annual Meeting	28 Apr - 02 May	Annapolis Maryland, USA	IHB participation	CL08/2014
93 rd Session IMO Maritime Safety Committee (MSC 93)	14-23 May	London, UK	IHB participation	CL08/2014
XVIII IALA Conference	25-31 May	A Coruña, Spain	IHB participation	CL08/2014
6 th IEEE/OES Baltic Symposium 2014	26-29 May	Tallinn, Estonia	BSHC to consider participating	21 Jan 2014
15 th CARIS International User Group Conference	02-05 Jun	Brest, France	IHB participation	28 Feb 2014
64 th Session IMO Technical Cooperation Committee (TC 64)	11-13 Jun	London, UK	IHB participation	CL08/2014
XXV FIG International Congress	16-21 Jun	Kuala Lumpur Malaysia	IHB participation. Celebration of WHD2014	CL08/2014
112 th Session IMO Council	16-20 Jun	London, UK	IHB participation if required (subject to the agenda)	CL08/2014

Events	Date (2014)	Location	Comments	Update
8 th INSPIRE Conference	16-20 Jun	Aalborg, Denmark	MDSIWG participation	07 Mar 2014
Baltic Marine Spatial Planning Forum	17-18 Jun	Riga, Latvia	MDSIWG participation	21 Feb 2014
1 st Session IMO Sub-Committee on Navigation, Communications and Search and Rescue (NCSR 1)	30 Jun – 4 Jul	London, UK	IHB participation	CL08/2014
ESRI International User Conference	14-18 Jul	San Diego California, USA		CL08/2014
Oceanology International China 2014	03-05 Sep	Shanghai, China		CL08/2014
Sea Tech Week	13-17 Oct	Brest, France		CL08/2014
Euronaval 2014	27-31 Oct	Paris-Le Bourget France		CL08/2014
Hydro 2014	28-30 Oct	Aberdeen, UK	IHO Forum	CL24/2014
GEO-XI	13-14 Nov	Libreville, Gabon		21 Feb 2014
2 nd International Ocean Research Conference	17-21 Nov	Barcelona, Spain		CL08/2014
94 th Session IMO Maritime Safety Committee (MSC 94)	17-21 Nov	London, UK	IHB participation	CL08/2014
113 th Session IMO Council	1-5 Dec	London, UK	IHB participation if required (subject to the agenda)	CL08/2014
2da Convención Mexicana de Hidrografía	8-10 Dec	Manzanillo, Mexico	IHB participation in conjunction with MACHC15	31 Mar 2014