



IHB File No. S3/8151/HSSC

CIRCULAR LETTER 48/2014
20 June 2014

HYDROGRAPHIC SERVICES AND STANDARDS COMMITTEE (HSSC)
6th Meeting, 11-14 November 2014, Viña del Mar, Chile

Reference: IHO CL 08/2014 dated 20 January - *Outcome of the Fifth Meeting of the Hydrographic Services and Standards Committee (HSSC)*

Dear Hydrographer,

1. The 6th meeting of the Hydrographic Services and Standards Committee (HSSC-6) will take place from 11 to 14 November 2014, kindly hosted by the Hydrographic Office of Chile (SHOA) in Viña del Mar, Chile.
2. This letter provides information on administrative details, the current status of actions arising from HSSC-5 (Shanghai, China, 5-8 November 2013 – see reference), and sets out a draft agenda and timetable for HSSC-6.
3. Participation in HSSC-6 is open to all IHO Member States, and up to two delegates each representing Observer States and International Organizations accredited by the IHO.
4. **Venue and Accommodation.** The meeting will be held at the Hotel Marina Del Rey, Viña del Mar. General and logistical information, such as details of available hotels and visa requirements, and the registration form for HSSC-6 have been posted on the IHO website (www.iho.int > Home > Committees & WG > HSSC > Section “Next Meeting” - link to “Documents”). The registration form is also available at Annex D.
5. Attendees should book their chosen hotel at their **earliest convenience**.
6. Registration forms for all delegates intending to participate in HSSC-6 should be submitted to the HSSC Secretariat (adcs@iho.int), copy to SHOA (gestion@shoa.cl) **by 31 August 2014**.
7. **HSSC Chair Group meeting.** HSSC-6 will be preceded by an informal meeting of the HSSC Chair Group in the afternoon of Monday, 10 November. In addition to the Chair of HSSC, this meeting will comprise the Chairs of HSSC Working Groups (WGs), the Vice-Chair and the Secretary of HSSC.
8. **Actions arising from HSSC-5.** The status of all actions arising from HSSC-5 is summarized in **Annex A**. Some actions are still pending. Those nominated for actions that remain outstanding are kindly requested to take action as necessary and report the status to the HSSC Secretariat (adcs@iho.int) as soon as possible.
9. **Draft Agenda and Timetable for HSSC-6.** A provisional agenda and timetable for HSSC-6 is provided in **Annex B**. Associated documents, where known, have been listed. Member States are kindly requested to review the draft agenda and programme and provide any comments or proposals for new or amended subjects to the Secretary, **by 31 August 2014**. If necessary, a revised draft agenda and timetable will be prepared and published on the IHO website.

10. **Submission Deadline for HSSC-6 Documents.** Documents intended for consideration at HSSC-6 should be submitted to the HSSC Secretariat in accordance with the “[Instructions for the Submission of Reports and Proposals for Consideration by HSSC](#)”, as follows:

| | Submission Deadline |
|--|---|
| Papers in support of Agenda items (including reports from WG chairs and proposals for new work programme items) | No later than 23 September 2014 (7 weeks before commencement of the meeting) |
| Papers providing comments or proposed amendments to proposals contained in meeting papers <u>Such supplementary submissions should contain a maximum of 4 pages</u> | No later than 21 October 2014 (3 weeks before commencement of the meeting) |

Documents received after 21 October 2014 will be treated as information papers only, with the exception of any outcome of the 5th Extraordinary International Hydrographic Conference (EIHC-5) which may affect the HSSC.

11. All documents will be placed on the IHO website (Home > Committees & WG > HSSC > Section “Next Meeting” - link to “Documents”) as and when they are received. Delegates are kindly requested to circulate these documents amongst their relevant subject matter experts and consolidate any appropriate comments to allow effective decision making at the meeting of the HSSC rather than deferring decisions for further post-HSSC technical consultations.

12. **Miscellaneous.** The current list of HSSC contacts is provided in **Annex C**. Any changes should be forwarded to the HSSC Secretariat at the earliest opportunity.

13. As requested in paragraph 17 of the reference, *Members States are kindly invited to propose venues for the subsequent HSSC meetings to be held in early November 2015 (HSSC-7) and early November 2016 (HSSC-8)*. Proposals are welcome at any time and preferably **in advance of HSSC-6**.

On behalf of the Directing Committee
Yours sincerely,



Gilles BESSERO
Director

Copy to:

Accredited International Organizations
Chairs and Vice-Chairs of HSSC WGs

Annexes:

Note: all the documents are provided in the working language of the HSSC only (English)

- A. List of Actions from HSSC-5 and Status Report
- B. Draft Agenda and Timetable
- C. HSSC – List of Contacts
- D. Registration form

LIST OF ACTIONS FROM HSSC-5 AND STATUS REPORT (June 2014)

| AGENDA ITEM | SUBJECT | ACTION No. | ACTIONS (in bold, action by) | TARGET DATE/EVENT | STATUS |
|-------------|---|------------|--|-------------------|--|
| 1 | List of Documents | HSSC5/01 | IHB to insert posting date of documents on the download page of the IHO web site, for future HSSC meetings. | HSSC-6 | Done - See HSSC6 page |
| 3 | T&P ENC Updates | HSSC5/02 | IHB to invite MS who do not plan to align their ENC and paper chart T&P update regimes to reconsider their position and report to the IHB on any need for assistance. | 15 Jan 2014 | Done - CL 08/2014 |
| 3 | Use of the Object Catalogue - Guidance on T&P ENC Updates | HSSC5/03 | TSMAD to take into consideration the comments reported in paper HSSC5-INF2 (Appendix to Annex A), for inclusion in the next edition of the Use of the Object Catalogue (S-57, Appendix B.1, Annex A). | TSMAD-28 | Ongoing |
| 3 | T&P ENC Updates | HSSC5/04 | IHB to inform IRCC of the 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 and to request IRCC to encourage the resolution of these issues by Regional Hydrographic Commissions via the WEND-WG. | IRCC-6 | Done - HSSC submission to IRCC-6 (IRCC6-10A) |
| 4.1 | WG Work Plans | HSSC5/05 | WG chairs to ensure that the level of detail in their respective work plans is homogeneous and that the work plans identify clearly the work items which are expected to be completed in the subsequent one or two years. | 13 Dec 2013 | Done - Agreed HSSC Work Plan |
| 4.1 | Performance Indicators | HSSC5/06 | IHB to invite WEND WG, via 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. | IRCC-6 | Done - HSSC submission to IRCC-6 (IRCC6-10A) |
| 4.1 | Performance Indicators | HSSC5/07 | Contributions for the 2013 period to be provided by HSSC WG Chairs (Performance Indicators no 2 and 3) and WEND WG Chair (Performance Indicator no 5) by 31 January 2014. | 31 Jan 2014 | Done |
| 4.2 | Restructuring HSSC WGs | HSSC5/08 | HSSC Chair and Secretary to establish a correspondence group composed of the Chairs of HSSC, TSMAD, DIPWG, CSPCWG, SNPWG, TWLWG, SCWG and an IHB representative, to develop draft terms of reference and rules of procedure for the proposed new HSSC bodies, and consider their composition as well as the appropriate timely transition arrangements. | 15 Jan 2014 | Done CG established Work in progress |

| AGENDA ITEM | SUBJECT | ACTION No. | ACTIONS (in bold, action by) | TARGET DATE/EVENT | STATUS |
|-------------|--|------------|---|----------------------------|---|
| 4.2 | Restructuring HSSC WGs | HSSC5/09 | HSSC Chair to invite MS to participate in the HSSC Correspondence Group on HSSC WG restructuring. | 15 Jan 2014 | Done - CL 08/2014 Nominations from BR, FI, SE, TR, UK & US |
| 4.2 | Restructuring HSSC WGs | HSSC5/10 | IHB to request Member States and stakeholders to define their contribution in terms of resources to the proposed new HSSC bodies. | 15 Jan 2014 | On going CL 08/2014 & CL 39/2014 |
| 4.2 | Remote meeting facilities | HSSC5/11 | USA to propose possible solutions for remote meeting facilities at the IHB and at other meeting venues. | HSSC-6 | To be reported to HSSC-6 |
| 4.3 | TOR of TSMAD and DIPWG | HSSC5/12 | IHB to amend the terms of reference of TSMAD and DIPWG as proposed in the report of the drafting group (HSSC5-04.3D). | 15 Jan 2014 | Done CL 08/2014 |
| 5.1 | New edition of S-64 | HSSC5/13 | TSMAD to finalize the draft edition 3.0.0 of S-64 at TSMAD-27 (December 2013). | TSMAD-27 | Done |
| 5.1 | New edition of S-64 | HSSC5/14 | TSMAD Chair to provide IHB with a clean copy of the draft edition 3.0.0 of S-64 for posting on the IHO website as a familiarization version. | 31 Jan 2014 | Done |
| 5.1 | New edition of S-64 | HSSC5/15 | IHB to seek HSSC approval of the draft edition 3.0.0 of S-64 by correspondence through HSSC circular letter before end of October 2014 (in line with the publication of the new edition of IEC 61174). | 31 Jan 2014 | Done – HSSC Letter 02/2014 |
| 5.1 | New edition of S-64 | HSSC5/16 | IHB to seek Member States approval of the draft edition 3.0.0 of S-64 by IHO circular letter. | 15 Jul 2014 | To follow HSSC5/15 |
| 5.1 | New edition of the Use of the Object Catalogue | HSSC5/17 | IHB to seek Member States approval of the draft edition 4.0.0 of the Use of the Object Catalogue (UOC - S-57, Appendix B.1, Annex A) by IHO circular letter. | 31 Jan 2014 | Done - CL 18/2014 Approved by MS – CL 46/2014 |
| 5.1 | S-57 Supplement no 3 | HSSC5/18 | IHB to seek Member States approval of S-57 Supplement no 3 by IHO circular letter. | 31 Jan 2014 | Done - CL 18/2014 Approved by MS – CL 46/2014 |
| 5.1 | Feature catalogue builder | HSSC5/19 | TSMAD, in liaison with DIPWG , to provide the IHB with a statement of requirements for developing a feature catalogue builder. | NA (Overcome by events) | Suspended |
| 5.1 | Feature catalogue builder | HSSC5/20 | IHB to prepare and award a contract for the development of a feature catalogue builder, subject to the availability of appropriate resources. | NA (Overcome by events) | Suspended |
| 5.1 | S-101 Value Added Roadmap | HSSC5/21 | TSMAD Chair to incorporate in the draft S-101 Value Added Roadmap the comments expressed during HSSC5. | 31 Jan 2014 | Done |

| AGENDA ITEM | SUBJECT | ACTION No. | ACTIONS (in bold, action by) | TARGET DATE/EVENT | STATUS |
|-------------|-----------------------------------|------------|--|-------------------|--|
| 5.1 | S-101 Value Added Roadmap | HSSC5/22 | IHB to post the amended S-101 Value Added Roadmap on the IHO web site. | 15 Feb 2014 | Done |
| 5.1 | S-101 Value Added Roadmap | HSSC5/23 | TSMAD Chair to include an additional item in the TSMAD work plan to review the S-101 Value Added Roadmap annually. | 13 Dec 2013 | Done Agreed HSSC Work Plan |
| 5.1 | S-100 Master Plan | HSSC5/24 | IHB to post the S-100 Master Plan on the IHO web site. | 15 Jan 2014 | Done S-100 MP posted on HSSC page. |
| 5.1 | S-100 Master Plan | HSSC5/25 | IHB to invite additional input from Member States and other IHO Stakeholders, to further develop the S-100 Master Plan. | 15 Jan 2014 | Done for MS - CL 08/2014 and stakeholders – IHB Letter of 13 March. No feedback so far |
| 5.1 | S-100 Master Plan | HSSC5/26 | TSMAD Chair to include an additional item in the TSMAD work plan to review the S-100 Master Plan annually. | 13 Dec 2013 | Done Agreed HSSC Work Plan |
| 5.1 | S-100 regulatory process | HSSC5/27 | IHB to advise the IMO Correspondence Group on e-Navigation to consider the revision of the relevant performance standards and other instruments, if required, as a component of the draft e-navigation strategy implementation plan to be finalized in 2014, for consideration by NCSR 1. | NCSR 1 | On going |
| 5.1 | Product specification identifiers | HSSC5/28 | TSMAD to prepare a detailed registry based procedure for the allocation of product specification identifiers. | TSMAD-28 | On going Doc. TSMAD28-11.7A TSMAD to report to HSSC-6 |
| 5.1 | Product specification identifiers | HSSC5/29 | IHB to inform partner organizations on the allocation of product specification identifiers, as in Annex G. | 15 Jan 2014 | Done - IHB Letter of 13 March |
| 5.1 | S-101 Impact Study | HSSC5/30 | TSMAD Chair to consider the impact of the recommendations contained in HSSC5-05.1F (S-101 impact study) on the S-101 Value Added Roadmap. | HSSC-6 | To be reported to HSSC-6 |
| 5.1 | S-101 Impact Study | HSSC5/31 | IHB to consider the impact of the recommendation contained in HSSC5-05.1F (S-101 impact study) on the S-100 Master Plan. | HSSC-6 | To be reported to HSSC-6 |

| AGENDA ITEM | SUBJECT | ACTION No. | ACTIONS (in bold, action by) | TARGET DATE/EVENT | STATUS |
|-------------|--|------------|--|-------------------|--|
| 5.1 | S-101 test bed projects | HSSC5/32 | TSMAD to include the KHOA S-101 test bed program as part of the TSMAD S-101 test plan strategy. | TSMAD-27 | Done |
| 5.1 | New edition of S-58 | HSSC5/33 | TSMAD to finalize the draft edition 5.0.0 of S-58 at TSMAD27, in accordance with the guidance provided at HSSC5. | TSMAD-27 | Done |
| 5.1 | New edition of S-58 | HSSC5/34 | IHB to seek, by IHO circular letter, Member States approval of the draft edition 5.0.0 of S-58, together with a deadline for its implementation. | 31 Jan 2014 | Done - CL 18/2014 Approved by MS – CL 46/2014 |
| 5.1 | Applicability of S-57 supplement documents | HSSC5/35 | IHB to include a note in the list of standards that are applicable to ECDIS on the IHO web site, drawing attention to the applicability of S-57 supplement documents. | 15 Jan 2014 | Done |
| 5.1 | PS for maritime limits & boundaries | HSSC5/36 | Australia to request Geoscience Australia to change the product specification name from “Maritime Boundary Exchange Product Specification” to “Maritime Limits and Boundaries Product Specification” (IHO S-121). | TSMAD-28 | Done |
| 5.1 | PS for navigational warnings | HSSC5/37 | WWNWS-SC is invited to liaise with TSMAD to develop an S-100 Product Specification for Navigational Warnings (IHO S-124). | IRCC-6 | Done - Project team established led by FR |
| 5.1 | PS for sub surface navigation | HSSC5/38 | Parties interested in the development of a product specification for sub surface navigation are invited to contact the USA. | 28 Feb 2014 | Done - CL 08/2014 |
| 5.2 | Transition to S-63 edition 3.1.1 | HSSC5/39 | IHB, in liaison with the DPSWG Chair , to consider the need for informing mariners about the transition to S-63 Ed 1.1 and take action as appropriate. | 31 Dec 2013 | Closed No action required |
| 5.3 | New editions of S-52 and the PresLib | HSSC5/40 | DIPWG Chair to provide the IHB with clean copies of the draft editions 6.1.0 of S-52 and 4.0.0 of the Presentation Library (Annex A to S-52), for posting on the IHO website as a familiarization version. | 30 Nov 2013 | Done Drafts posted |
| 5.3 | New editions of S-52 and the PresLib | HSSC5/41 | IHB to seek HSSC approval of the draft editions 6.1.0 of S-52 and 4.0.0 of the Presentation Library (Annex A to S-52), by correspondence through HSSC circular letter. | 1 Apr 2014 | Done - HSSC Letter 01/2014 |
| 5.3 | New editions of S-52 and the PresLib | HSSC5/42 | IHB to seek Member States approval of the draft editions 6.1.0 of S-52 and 4.0.0 of the Presentation Library (Annex A to S-52), by IHO circular letter before end of October 2014 (in line with the publication of the new edition of IEC 61174). | 15 July 2014 | To follow HSSC5/41 |
| 5.4 | TOR of SNPWG | HSSC5/43 | IHB to amend the terms of reference of SNPWG as agreed by the Committee. | 15 Jan 2014 | Done - CL 08/2014 |

| AGENDA ITEM | SUBJECT | ACTION No. | ACTIONS (in bold, action by) | TARGET DATE/EVENT | STATUS |
|-------------|--|------------|--|--------------------|--|
| 5.5 | Paper charts derived from ENC's | HSSC5/44 | Australia to provide feedback to HSSC-6 on their experience with producing paper charts from ENC's. | HSSC-6 | To be reported to HSSC-6 |
| 5.6 | IMO model courses on navigational issues | HSSC5/45 | DQWG Chair to include in the DQWG work plan the recommendations contained in HSSC5-INF4 (interface with IMO/HTW). | 13 Dec 2013 | Done - Agreed HSSC Work Plan |
| 5.6 | Dynamic tides / water levels | HSSC5/46 | DQWG Chair to include a new work item in the DQWG work plan to expand data quality into dynamic tides / water levels. | 13 Dec 2013 | Done - Agreed HSSC Work Plan |
| 5.6 | Malacca and Singapore Straits MEH as a test case | HSSC5/47 | DQWG Chair to include a new work item in the DQWG work plan to consider using the Malacca and Singapore Straits Marine Electronic Highways (MEH) project, as a test case. | 13 Dec 2013 | Done - Agreed HSSC Work Plan |
| 5.7 | TOR of MSDIWG | HSSC5/48 | IHB to amend the terms of reference of MSDIWG as agreed by the Committee. | 15 Jan 2014 | Done - CL 08/2014 |
| 5.7 | UN-GGIM initiative | HSSC5/49 | MSDIWG to consider the impact of the UN-GGIM initiative on its work plan, taking into account the items identified in paragraph 11 of HSSC5-05.7B, and report to HSSC-6. | MSDIWG-5 HSSC-6 | To be reported to HSSC-6 |
| 5.8 | IHO Resolutions related to tides | HSSC5/50 | IHB to seek Member States approval of the revisions of IHO Resolutions 3/1919, 27/1919, 1/1977 and 2/1977 as amended, by IHO circular letter. | 31 Jan 2014 | Done - CL 17/2014 Approved by MS – CL 44/2014 |
| 5.8 | Tidal Product Specification | HSSC5/51 | TSMAD to assist the TWLWG in the development of a tidal product specification for navigational surface and tidal data transfer that could be used for generating dynamic water levels and navigational surfaces in ECDIS. | TWLWG-6 | Ongoing To be reported to HSSC-6 |
| 5.8 | Under keel clearance | HSSC5/52 | TWLWG to take note of and liaise with the Malacca and Singapore Straits Marine Electronic Highways (MEH) project, regarding the under keel clearance monitoring system. | TWLWG-6 | To be reported to HSSC-6 |
| 5.9 | New definitions | HSSC5/53 | IHB to seek Member States approval of the new definitions contained in Annex C of the HDWG report, by IHO circular letter. | 31 Jan 2014 | Done - CL 19/2014 Approved by MS – CL 47/2014 |
| 5.10 | TOR of SCWG | HSSC5/54 | IHB to amend the terms of reference of SCWG as agreed by the Committee. | 15 Jan 2014 | Done CL 08/2014 |
| 6.1 | New edition of C-51 | HSSC5/55 | IHB to seek Member States approval of the draft edition 5.0.0 of the TALOS Manual (C-51), by IHO circular letter. | 30 Nov 2013 | Done - CL 69/2013 Approved by MS – CL 43/2014 |
| 6.1 | TOR for ABLOS | HSSC5/56 | IHB to invite the Chair of ABLOS to seek the approval of the revised terms of reference of ABLOS by IAG. | 15 Jan 2014 | Done – IHB e-mail of 17 January 2014 |

| AGENDA ITEM | SUBJECT | ACTION No. | ACTIONS (in bold, action by) | TARGET DATE/EVENT | STATUS |
|-------------|-----------------------------------|------------|---|----------------------|---|
| 6.1 | TOR for ABLOS | HSSC5/57 | IHB to amend the terms of reference of ABLOS when approved by IAG. | When approved by IAG | Done - Changes approved by IAG Executive Council as of 23 May 2014 |
| 7.2 | Revision of S-66 | HSSC5/58 | IHB to invite Member States to propose directly or through Primar / IC-ENC, experts to contribute to the revision of S-66. | 15 Jan 2014 | Done - CL 08/2014 Project team established led by IC-ENC |
| 7.2 | Revision of S-66 | HSSC5/59 | IHB to include the preparation of a new edition of S-66 in the 2014-2015 HSSC work plan. | 13 Dec 2013 | Done Agreed HSSC Work Plan |
| 7.3 | Implementation of ECDIS standards | HSSC5/60 | IHB to prepare with IEC and CIRM a joint submission to NCSR 1 on the implementation of the new editions of ECDIS standards and invite MS to seek the support of their national maritime administration. | NCSR 1 | Done - Document NCSR 1/4 |
| 7.3 | Service Lifecycle Management | HSSC5/61 | IHB to contribute to a joint CIRM-IEC-IHO submission to NCSR 1 on Service Lifecycle Management (SLM) and invite MS to seek the support of their national maritime administration. | NCSR 1 | Ongoing |
| 7.3 | Service Lifecycle Management | HSSC5/62 | TSMAD to consider the impact of introducing Service Lifecycle Management (SLM) in the S-101 Roadmap and S-100 Master Plan. | TSMAD-28 | Ongoing To be revisited at HSSC-6 |
| 7.9 | Ocean Forecasts | HSSC5/63 | IHB to prepare a submission to the 5 th Session of the Joint WMO-IOC Technical Commission for Oceanography and Marine Meteorology (JCOMM) on elaborating a joint strategy to develop S-100 based multi-disciplinary products in the context of the implementation of the e-navigation strategy. | JCO-/MM-5 | It is expected that JCOMM will not meet in plenary before 2016 or 2017. |
| 12 | HSSC-7 Meeting | HSSC5/64 | Member States are invited to propose venues for the HSSC-7 and HSSC-8 meetings to be held in early November 2015 and 2016 respectively. | 28 Feb 2014 | Done - CLs 08 & 48/2014 No proposal so far |

6th HSSC Meeting
Hotel Marina Del Rey, Viña del Mar, Chile, 11-14 November 2014

DRAFT AGENDA AND TIMETABLE

Note: Presenters of papers in parentheses ().

| Monday 10 Nov | HSSC CHAIR GROUP |
|---------------------------|--|
| 1400 - ~1730 | HSSC Chair Group Meeting (Chair and Vice-Chair of HSSC, Chairs of HSSC Working Groups (WGs), Secretary of HSSC) |
| Tuesday 11 Nov | HSSC-6 |
| 0900 | <p>1. Opening and Administrative Arrangements</p> <p><i>Docs: HSSC6-01A List of Documents (IHB)</i> <i>HSSC6-01B List of Participants (IHB)</i> <i>HSSC6-01C HSSC – List of Contacts (IHB)</i> <i>HSSC6-01D TORs for HSSC and related Working Groups (IHB)</i></p> |
| 0915 | <p>2. Approval of Agenda</p> <p><i>Docs: HSSC6-02A Agenda and Timetable (IHB)</i></p> |
| 0930 | <p>3. Matters arising from Minutes of 4th HSSC Meeting</p> <p><i>Docs: HSSC6-03A Minutes of HSSC-5 (IHB)</i> <i>HSSC6-03B Status of Actions List from HSSC-5 (IHB)</i> <i>HSSC6-03C Report of the HSSC Project Team on the revision of S-66 (S-66 Project Team Chair)</i></p> <p>4. HSSC Administration</p> <p>4.1 Implementation of Programme Performance Indicators</p> <p><i>Docs: HSSC6-04.1A Programme Performance Indicators for HSSC (IHB)</i></p> |
| 1100 | Coffee Break |
| 1115 | <p>4. HSSC Administration (continued)</p> <p>4.2 Restructuring of HSSC Working Groups</p> <p><i>Docs: HSSC6-04.2A Report of the Correspondence Group on HSSC Working Groups' Restructuring (CGHR)</i></p> <p>4.3 Outcome of EIHC-5 affecting HSSC (if relevant)</p> |
| 1315 | Group Photo |
| 1330 - 1445 | Lunch |
| 1500 | Depart to SHOA in Valparaiso |
| 1530 - 1730 | Technical visit of SHOA |

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| 1800 - 2000 | Welcome social event at SHOA |
| 2030 | Depart from SHOA to Viña del Mar |
| Wednesday 12 Nov | HSSC-6 (continues) |
| | 5. Reports by HSSC Working Groups |
| 0900 | 5.1 Transfer Standard Maintenance and Application Development (TSMAD) <i>Docs: HSSC6-05.1A Report and Recommendations of TSMAD (TSMAD Chair)</i> |
| 1100 | Coffee Break |
| 1115 | 5.1 Transfer Standard Maintenance and Application Development (TSMAD) (continued) <i>Docs:</i> |
| 1145 | 5.2 Data Protection Scheme (DPSWG) <i>Docs: HSSC6-05.2A Report and Recommendations of DPSWG (DPSWG Chair)</i> |
| 1300 | Lunch |
| | 5. Reports by HSSC Working Groups (continued) |
| 1430 | 5.3 Digital Information Portrayal (DIPWG) <i>Docs: HSSC6-05.3A Report and Recommendations of DIPWG (DIPWG Chair)</i> |
| 1615 | Coffee Break |
| 1630 | 5.4 Standardization of Nautical Publications (SNPWG) <i>Docs: HSSC6-05.4A Report and Recommendations of SNPWG (SNPWG Chair)</i> |
| 1730 | Break into drafting groups (if required) |
| 1830 | END OF DAY TWO |
| Thursday 13 Nov | HSSC-6 (continues) |
| 0900 | Consider work of drafting group(s) (if required) |
| | 5. Reports by HSSC Working Groups (continued) |
| 0945 | 5.5 Chart Specifications and Paper Charts (CSPCWG) <i>Docs: HSSC6-05.5A Report and Recommendations of CSPCWG (CSPCWG Chair)</i> |
| 1100 | Coffee Break |
| 1115 | 5.6 Data Quality (DQWG) <i>Docs: HSSC6-05.6A Report and Recommendations of DQWG (DQWG Chair)</i> |
| 1205 | 5.7 Marine Spatial Data Infrastructure (MSDIWG) <i>Docs: HSSC6-05.7A Report and Recommendations of MSDIWG (MSDIWG Chair)</i> |

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| 1300 | Lunch |
| 1430 | 5.8 Tidal and Water Level (TWLWG) <i>Docs: HSSC6-05.8A Report and Recommendations of TWLWG (TWLWG Chair)</i> |
| 1515 | 5.9 Hydrographic Dictionary (HDWG) <i>Docs: HSSC6-05.9A Report and Recommendations of HDWG (HDWG Chair)</i> |
| 1600 | 5.10 Surface Current (SCWG) <i>Docs: HSSC6-05.10A Report and Recommendations of SCWG (SCWG Chair)</i> |
| 1645 | Coffee Break |
| 1700 | END OF DAY THREE |
| 1700 - ~1830 | Chair Group Meeting <i>Preparation of List of Actions</i> |
| Friday 14 Nov | HSSC-6 (continues) |
| 0900 | 6. Inter-Organizational Bodies 6.1 IHO-IAG Advisory Board on the Law Of the Sea (ABLOS) <i>Docs: HSSC6-06.1A Status Report on ABLOS activities (ABLOS Chair)</i> |
| 0930 | 7. Decisions of other bodies affecting HSSC 7.1 IMO <i>Docs: HSSC6-07.1A Report on IMO activities affecting HSSC (including e-navigation) (IHB)</i> |
| 1020 | 7.2 IEC <i>Docs: HSSC6-07.2A IEC activities affecting HSSC (IEC)</i> |
| 1040 | 7.3 Inland ENC Harmonization Group (IEHG) <i>Docs: HSSC6-07.3A Status Report on Inland ENC Development and Standardization (IEHG co-Chair)</i> |
| 1100 | Coffee Break |
| 1115 | 7.4 CIRM <i>Docs: HSSC6-07.4A CIRM activities affecting HSSC (CIRM)</i> |
| 1135 | 7.5 IALA <i>Docs: HSSC6-07.5A IALA activities affecting HSSC (IALA)</i> |
| 1155 | 7.6 ISO <i>Docs: HSSC6-07.6A ISO activities affecting HSSC (IHB)</i> |
| 1215 | 7.7 OGP <i>Docs: HSSC6-07.7A OGP activities affecting HSSC (OGP)</i> |

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| 1235 | 7.8 IRCC <i>Docs: HSSC6-07.8A Outcome of the 6th IRCC Meeting (IRCC Chair)</i> |
| 1300 | Lunch |
| 1430 | 8. Review of new developments and other information papers <i>Docs: HSSC6-08A Status Report on IHO Publications on Standards and Specifications (IHB)</i> |
| 1500 | 9. Liaison with External Stakeholders <i>Docs: HSSC6-09A Status of potential Stakeholders' events in 2015 (IHB)</i> |
| 1515 | 10. Review and Endorsement of HSSC Work Plan and List of Actions <i>Docs: HSSC6-10A Draft HSSC Work Plan (IHB)</i> |
| 1545 | 11. Date & Location of the next meetings HSSC-7: Tentative date: early November 2015. MS are invited to propose venues. Fall-back venue: IHB, Monaco. HSSC-8: Tentative date: early November 2016. MS are invited to propose venues. Fall-back venue: IHB, Monaco. |
| 1600 | 12. Closure of the Meeting |
| 1615 | Coffee Break |
| 1630 - 1700 | END OF MEETING |

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**6th HSSC Meeting
Viña del Mar, Chile, 11-14 November 2014**

Registration Form

[Please send this via e-mail to IHB info@iho.int with copy to SHOA, Chile at gestion@shoa.cl by 31 August 2014]

- Notes:**
1. Boxes will expand as you type your answers.
 2. See also General and Logistics Information on the IHO website.

Participation in HSSC-6 is open to all IHO Member States, and up to two delegates from Observer States and from Non-Governmental International Organizations (NGIOs) recognized by the IHO.

Member State / Organization

1. Contact Details:

| | |
|------------------------------|--|
| Head or Member of delegation | <input style="width: 95%; height: 15px;" type="text"/> |
| Rank or Title | <input style="width: 95%; height: 15px;" type="text"/> |
| Family Name* | <input style="width: 95%; height: 15px;" type="text"/> |
| Given or Personal Name | <input style="width: 95%; height: 15px;" type="text"/> |
| Position / Job title / Role | <input style="width: 95%; height: 15px;" type="text"/> |
| Nationality | <input style="width: 95%; height: 15px;" type="text"/> |
| Telephone | <input style="width: 95%; height: 15px;" type="text"/> |
| E-mail | <input style="width: 95%; height: 15px;" type="text"/> |
| Accompanying person(s) | <input style="width: 95%; height: 15px;" type="text"/> |

* Underline the name generally used in case of double surnames such as in Spanish-speaking countries

2. Travel Details (for administrative purpose only; participants are expected to make their own travel arrangements):

| | | |
|----------------------------|----------------------|--|
| Arrival at Santiago, CHILE | <u>Airport</u> | <input style="width: 95%; height: 15px;" type="text"/> |
| | <u>Date</u> | <input style="width: 95%; height: 15px;" type="text"/> |
| | <u>Flight Number</u> | <input style="width: 95%; height: 15px;" type="text"/> |
| | <u>Airline</u> | <input style="width: 95%; height: 15px;" type="text"/> |
| | <u>Arrival Time</u> | <input style="width: 95%; height: 15px;" type="text"/> |

| | | |
|--------------------------------|-----------------------|--|
| Departure from Santiago, CHILE | <u>Airport</u> | <input style="width: 95%; height: 15px;" type="text"/> |
| | <u>Date</u> | <input style="width: 95%; height: 15px;" type="text"/> |
| | <u>Flight Number</u> | <input style="width: 95%; height: 15px;" type="text"/> |
| | <u>Airline</u> | <input style="width: 95%; height: 15px;" type="text"/> |
| | <u>Departure Time</u> | <input style="width: 95%; height: 15px;" type="text"/> |

3. Hotel Information (participants should make their own accommodation arrangements):

| | | |
|-------|-----------------------------|--|
| Hotel | | Yes or No? |
| | <u>Hotel Marina del Rey</u> | <input style="width: 95%; height: 15px;" type="text"/> |
| | <u>Hotel O'Higgins</u> | <input style="width: 95%; height: 15px;" type="text"/> |
| | <u>Hotel Gala</u> | <input style="width: 95%; height: 15px;" type="text"/> |
| | <u>Hotel San Martin</u> | <input style="width: 95%; height: 15px;" type="text"/> |
| | <u>Other hotel (name)</u> | <input style="width: 95%; height: 15px;" type="text"/> |

Comments

Date

Name:
Signature: