



Hydrographic Services and Standards Committee

IMO activities affecting HSSC

HSSC-6

November 2014

Agenda item 7.1

IHB

IMO activities since HSSC-5

✦ Meetings:

- MSC 93, 14 - 23 May 2014
- NCSR 1, 30 June - 4 July 2014
- References: IHO CL 42/2014 and 50/2014

✦ Subjects relevant to HSSC:

- E-navigation
- ECDIS matters
- AIS Aids to Navigation
- Polar Code



E-navigation

- ✦ Draft Strategy Implementation Plan (SIP)
 - endorsed by NCSR1
 - forwarded to MSC94 for approval
- ✦ Tasks relevant to HSSC
 - T13: harmonization of the display of navigation information
 - T14: development of the Common Maritime Data Structure (CMDS) based on S-100
 - T16: harmonization of conventions and regulations for navigation and communication equipment
 - T17: development of the Maritime Service Portfolios (MSP)



E-navigation

★ Perspectives

- Coordination provisions to be discussed at MSC94
- Revision of ECDIS Performance Standards to be considered under tasks T14 and T16 (action HSSC5/27 refers)
- IMO/IHO Harmonization Group on Data Modelling expected to be activated to progress task 14
- Tasks 14 & 17 would benefit from coordination with GMDSS modernization

★ Recommendations

- SIP tasks reflected in the work plans of the relevant HSSC bodies (see agenda item 10)
- Establish liaison with WWNWS-SC subject to IMO coordination mechanisms between the implementation of e-navigation and GMDSS modernization (see also HSSC6-07.8B on S-124)



ECDIS Matters

- ✦ Completion of the unplanned output: further development to be reported to NCSR under “Any other business”
- ✦ No adverse comments on the arrangements for the transition to the new editions of S-52, S-52 PL & S-64 agreed at HSSC-5
- ✦ Draft MSC Circular on ECDIS – Guidance for good practice endorsed by NCSR1 and forwarded to HTW2 (Feb 2015) for review and subsequent approval by MSC
- ✦ No further action on the unplanned output related to the development of an explanatory footnote to SOLAS V/27 to clarify the requirements that nautical charts and publications be adequate and up to date when ECDIS is used



ECDIS Matters

- ✦ Endorsement by NCSR1 of an “unified interpretation” of ECDIS carriage requirement confirming the views expressed at NAV59 that SOLAS mandate the carriage of ECDIS not its use!
 - ↳ *“Paper charts (...) may be used alternatively with the primary ECDIS, and not be limited to use only when the primary ECDIS is inoperable”*
- ✦ Proposal from Ukraine to MSC94 for an unplanned output related to the modernization of ECDIS for operation with VHF Digital Selective Calling



ECDIS matters

★ Recommendations

- IHB to continue reporting to NCSR until the final milestone of the implementation schedule of the ECDIS carriage requirement (2018) on:
 - feedback from mariners and other stakeholders
 - status of ENC coverage
 - status of ECDIS-related standards.
- HSSC to consider ways and means of assisting Member States and the IHB in ensuring that the relevant information referred to in the IMO draft ECDIS Guidance and provided in the dedicated ENCs & ECDIS section of the IHO website and in S-66 is kept easy to use and current
- (HOs to liaise with their Maritime Administration in considering proposals to MSC for a new unplanned output on the development of appropriate amendments to SOLAS aiming at clarifying the requirements that ECDIS software should be kept up to date)



AIS Aids to Navigation

- ✦ Approval by MSC93 of the MSC Circular on the Policy on the use of AIS Aids to Navigation
- ✦ NAVAREA Coordinators instructed by the WWNWS-SC to monitor the use of AIS Aids to Navigation
- ✦ Consideration of the impact on S-4 (Specification B-489) included in the CSPCWG work plan (see agenda item 10)



Polar Code

- ✦ IHO input making reference to the poor state of charting in the polar regions reflected in the draft submitted to MSC94 for final endorsement and approval
- ✦ Recommendation:
 - Invite the relevant HSSC bodies to consider improvements to current IHO specifications or other actions which could facilitate the implementation of the recommendations of the Polar Code related to charting issues
 - ↳ Potential impact on work plans of CSPCWG & SNPWG, DQWG, ...

