

Outcomes of NAV 58

Submitted by IHB

SUMMARY

Executive Summary: This document provides details of the outcomes of NAV 58, which are relevant to WWNWS-SC

Action to be taken: Paragraph 2.

Related documents: NAV 58/14 dated ?? August 2012

1. NAV 58 was held at IMO Headquarters in London 2 – 6 July 2012. The following items are of relevance to WWNWS-SC:

.1 Agenda Item 6 - Development of an e-Navigation Strategy Implementation Plan

.1 The Sub-Committee noted that COMSAR 15 had endorsed the final draft list of gaps relevant to radiocommunications and search and rescue (COMSAR 16/WP.5/rev.1, annex 3) and STW 43 had endorsed the final draft list of gaps relevant to training (STW 43/WP.3/Rev.1, annex) and that both had been forwarded for final consideration.

.2 The Sub-Committee also noted MSC 90 had approved, inter alia, the proposed way forward for developing a Common Maritime Data Structure, the use of IHO's S-100 standard as the baseline for creating a framework for data access and services under the scope of SOLAS. The Sub-Committee also noted MSC 90 had approved the proposed joint plan of work on e-navigation for COMSAR, NAV and STW Sub-Committees for the period 2012-2014.

.3 The Sub-Committee also noted MSC 90 had authorized the establishment of an IMO/IHO Harmonization Group on Data Modelling and approved the Terms of Reference.

.4 The Sub-Committee re-established the e-Navigation Working group (WG) during the session and instructed it to consider a large number of documents submitted by Member States, the report of the e-Navigation intersessional Correspondence Group (CG) as well as the outcomes of NAV 57, STW 43 and COMSAR 16. The e-Navigation WG was directed to review and revise the terms of reference for the e-Navigation CG to continue to progress work intersessionally and to report to COMSAR 17, STW 44 and NAV 59.

.5 The Sub-Committee noted the progress made by the e-Navigation WG during the session with regard to the development of the detailed on-board e-navigation architecture and invited IALA, IHO and other relevant organizations to contribute to its further development.

.6 The Sub-Committee also noted that a gap analysis had been completed and it endorsed the preliminary list of potential e-navigation solutions presented by the e-Navigation WG.

.7 The Sub-Committee re-established the e-Navigation CG under the Terms of Reference at Annex A, and instructed it to review the preliminary list of potential e-Navigation solutions and to finalize the Cost Benefit and Risk Analysis in preparation for NAV 59. The CG was also instructed to further develop the draft Strategy Implementation Plan and also to consider the issue of software quality assurance.

.2 Agenda Item 8 - Development of policy and new symbols for AIS aids to navigation.

.1 The Sub-Committee considered the report of the intersessional CG on AIS Aids to Navigation (AtoN), which contained the first draft of the IMO policy and new symbols for AIS AtoN. The Sub-Committee was of the view that, at present, it was premature to consider the issue of new symbols, which would be better considered at NAV 59.

.2 A Drafting Group was established to review the draft policy on the use of AIS AtoN, prepare a draft revised text and prepare draft revised Terms of Reference for a CG to work intersessionally between NAV 58 and NAV 59.

.3 The Drafting Group reported that further liaison was necessary to ensure standards developed by other international organizations (such as, IHO, IEC and IALA) align with the IMO developing policy. The Drafting Group also reported that AIS Application Specific Message (ASM) should be further considered in conjunction with developments of AIS AtoN policy.

.4 The Sub-Committee re-established the CG, under the terms of reference at Annex B under the co-ordination of Cdr Hideki Noguchi of Japan (noguchi-i8twy@kaiho.mlit.go.jp) and instructed it to consider all relevant information and documents and to finalize a revised draft of a policy for AIS AtoN. The CG was also to develop symbols for AIS AtoN, taking into account the symbols contained in IMO SN/Circ.243 as well as other relevant guidelines, standards and publications, and to report to NAV 59. The IHB will participate in the CG and IHO Member States are encouraged to consider participating in the work of the CG by contacting the Chair by email.

.3 Agenda Item 13 - Any Other Business

.1 Information on the development of the IALA World-Wide Academy: The Sub-Committee noted the valuable development of the IALA World-

Wide Academy and invited IALA to keep the sub-committee updated on progress.

.2 Operating Anomalies Identified within ECDIS: The Sub-Committee noted the documents submitted to MSC 90 by IHO, UK, Australia and International Chamber of Shipping (ICS) and the subsequent discussions, including the decision to instruct the NAV Sub-Committee to promulgate additional information without further reference. The Sub-Committee developed and approved a draft for a new SN Circ. (SN.1/Circ.312 dated 9 July 2012) on operating anomalies within ECDIS. The SN Circ provides detailed descriptions of the type of anomalies that may be present in some ECDIS equipment in use at sea.

.3 The Sub-Committee recognised the need for continuous monitoring of the implementation of ECDIS and any issues that may arise. The work undertaken to date by the IHO was acknowledged; NAV 58 commended the technical workshop being organised by the IHO in October 2012, the IHO was also encouraged to continue its engagement and work in this area. The Sub-Committee further invited Member Governments and international organizations to submit comments and proposals for consideration at NAV 59.

.4 The Sub-Committee noted that MSC 90 had agreed to include the following planned/unplanned outputs in the 2012-2013 biennial agenda of the Sub-Committee:

Review and modernization of GMDSS with a target completion year of 2017;

Consolidation of ECDIS related IMO circulars with a target completion year of 2014; and

Development of explanatory footnotes to SOLAS regulations V/15, V/18, V/19 and V/27 with a target completion year of 2014.

2. The Sub-Committee is invited to note the information provided and take action as appropriate.