Outcome of e-navigation debate at NAV55

Submitted by IHB

SUMMARY

Executive Summary: This document reports on the e-navigation debate that took place during the NAV55 meeting at IMO

Action to be taken: See Paragraph 5

Related documents: NAV55/WP5 and NAV55/21

1   E-navigation was discussed at NAV55 under agenda Item 11 - Development of an E-Navigation Strategy Implementation Plan

2   The IHO presented its report on ENC availability (NAV 54/11) under this agenda item. NAV55 established a Working Group which considered the other documents submitted under this agenda item and made further proposals for the continuation of the work on e-navigation. The WG amongst other activities: prepared preliminary detailed shipboard user needs; prepared draft Terms of Reference for a Correspondence Group (CG) to continue the work inter-sessionally; and following a request from COMSAR 13 concluded that additional communications spectrum requirements were likely.

3   The Terms of Reference for the e-navigation CG are:

Taking into account document MSC 86/23/4 (Secretariat) relating to the joint work plan for COMSAR, NAV and STW Sub-Committees for the period 2009-2012, the comments and general views expressed at NAV 55 and, decisions taken by NAV 52 including the guidance in MSC/Circ.1091 on Issues to be considered when introducing new technology on board ship and MSC/Circ.878-MEPC/Circ.346 on Human Element Analysing Process (HEAP); the Correspondence Group on e-navigation should:

.1   review the preliminary detailed shipboard user needs as developed by NAV 55 and update them as appropriate, and to consider priorities;

.2   develop detailed shore-based user needs, taking into account input provided by IALA, IHO and other relevant organizations and to consider priorities;

.3   identify functions and services to support the shipboard and shore-based user needs in a harmonized and holistic manner;

.4   consider documents NAV 53/13 (paragraphs 12 to 16) and MSC 85/26 (annex 20, paragraph 9.7.2 and annex 21, paragraph 5) and develop an outline of system

architecture, taking into account input provided by IALA, IHO and other relevant organizations;

.5   consider documents NAV 53/13 (annex 3) and MSC 85/26 (annex 20, paragraph 9.7.3 and annex 21, paragraph 6), and undertake an initial gap analysis;

.6   consider document MSC 85/26 (annex 21, paragraph 7) and develop/recommend an appropriate methodology for carrying out cost-benefit and risk analysis; and

.7   submit a document to COMSAR 14 (8 to 12 March 2010) raising specific questions, if required, that should be addressed by COMSAR and prepare a comprehensive report for submission to NAV 56 (26 to 30 July 2010).

The IHB will participate in the work of the CG but interested Member States are encouraged to participate as well. The Co-ordinator of the CG is Mr. John Erik Hagen of the Norwegian Coastal Administration. Those wishing to take part should make contact with him at john.erik.hagen@kystverket.no.

4   The report of the WG is available from the IHO web site via the following link:

http://www.iho-ohi.net/mtg_docs/International_Organizations/IMO/NAV55-WP5.pdf

5   The WWNWS Sub-Committee is invited to note this report and take action as it considers appropriate.