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Subject: News flash of NCSR 2

The Sub-Committee on Navigation, Communications and Search and Rescue (NCSR) held its second session at IMO HQ from 9 to 13 March 2015. In this regard, please be informed of the main issues and summary of NCSR 2 as below. In reviewing this flash, readers should be assured that the outputs written herein are not legally effective until they are adopted as mandatory instruments by MSC.

### 1. Harmonization of Guidelines to implement e-Navigation

- Background : To implement e-Navigation, three Guidelines(Human Centered Design(HCD), Usability Testing, Evaluation and Assessment(UTEA), Software Quality Assurance(SQA)) were submitted at last session, however, NCSR 1 decided to harmonize these Guidelines.

- Discussion & Outcome : NCSR 2 reviewed Harmonized Guideline provided by correspondence group. A number of delegations supported the proposed draft guidelines, but agreed to refer the draft guidelines to the Navigation Working Group for finalization and advice relating to the need to forward the guidelines to the HTW Sub-Committee for consideration of human element aspects.

### 2. Performance Standards for Multi-system Shipborne navigation systems

- Background : MSC 90 introduced the need to develop new Performance standards for multi-system shipborne navigation receiver equipment, enabling full use to be made of the availability, continuity and integrity, as well as increased accuracy, available from a combination of systems. Correspondence group



# Briefings of IMO Meeting

## NCSR 2 (9 -13 March 2015)

No. IMO-0003-2015

BRIEFING STATUS

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submitted updated version to that submitted to NCSR 1 (NCSR 1/10) and takes into account comments from China (NCSR 1/10/1), ESA (NCSR 1/10/2) and Germany (NCSR 1/9/2).

● Discussion & Outcome : The introduction of multi-system shipborne navigation receiver performance standards will allow the combined use of current and future radionavigation as well as augmentation systems within the maritime navigation system. However, NCSR 2 noted that terrestrial systems as well as regional augmentation services should be handled optionally.

### 3. Recognition of GALILEO as a component of the WWRNS<sup>1</sup>

● Background : At NAV 59, the European Commission informed about its intention to propose the recognition of Galileo as a component of the WWRNS. At MSC 93, the co-sponsors proposed to include the recognition of Galileo in the NCSR Sub-Committee's work-programme for the present 2014-2015 biennium and agreed to include in the biennial status report of the NCSR an unplanned output on "Recognition of Galileo as a component of the WWRNS", with a target completion date of 2016.

● Discussion & Outcome : In addition GPS and GLONASS recognized as a component of the WWRNS, and the process to recognize BeiDou is ongoing. And the evaluation status to Galileo was reported to NCSR 2. And European Commission is invited to submit further information and evaluation materials to NCSR 3.

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<sup>1</sup> WWRNS : World-Wide Radio Navigation System

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#### 4. Recognition of Iridium system as GMDSS service provider

● Background : MSC 92 considered the notification by the United States of the application of the Iridium mobile satellite system for recognition and use in the GMDSS and having noted that, in principle, there were no objections, agreed to refer the matter to the NCSR for evaluation of the detailed information.

● Discussion & Outcome : With regard to the application of the Iridium for recognition and use in the GMDSS, according to MSC 94 decision, IMSO<sup>2</sup> has been carried out the technical & operational assessment to the Iridium based on criteria in Res.A.1001(25). IMSO convenes Group of Experts then reports the result of evaluation at NCSR 3 to be held in 2016.

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<sup>2</sup> IMSO : International Mobile Satellite Organization