



## IALA COUNCIL

### 62<sup>nd</sup> session



**21-24 June 2016**  
**Lisbon**  
**Portugal**

## 14 – INTERNATIONAL

### *14.7 – e-Navigation Underway 2016*

Note by the Secretariat

#### **1. INTERNATIONAL E-NAVIGATION UNDERWAY 2016 CONFERENCE**

The sixth e-Navigation Underway conference was held from 2 to 4 February, 2016 on board the DFDS ferry M/S PEARL SEAWAYS, during which time she sailed from Copenhagen to Oslo and then returned to Copenhagen. The theme for the conference was The Coordinated Approach. The conference was hosted by IALA and the Danish Maritime Authority and supported by The Nautical Institute (NI), the Comité International Radio-Maritime (CIRM), the International Hydrographic Organisation (IHO), the Baltic and International Maritime Council (BIMCO) and the International Chamber of Shipping (ICS).

The conference was attended by 148 delegates, representing 22 countries and 92 organisations. The associated exhibition attracted 8 exhibitors, displaying the latest developments in e-navigation.

#### **2. PROCESS**

Following welcoming remarks from the Secretary-General of IALA, Francis Zachariae, the conference chairman, Omar Frits Eriksson, set the scene and key notes speech was given by Mr Kitack Lim, Secretary-General of IMO and Mr Andreas Nordseth – Director General of the Danish Maritime Authority (DMA).

A series of 28 presentations were given under the following broad headings:

- The coordinated approach;
- Technical solutions and implementations;
- Concepts, training aspects and the human element.

A panel discussion considered a number of topical questions.

The presentations from the sessions are provided on the e-navigation.net web site.

#### **3. CONFERENCE CONCLUSIONS**

The conference generated five conclusions.

- 1 Stakeholders are cooperating and coordinating and are actively exploring methods to harmonise e-navigation data and communications.
- 2 IALA may be an appropriate organisation to coordinate the IMO unplanned output 6 on MSPs and harmonise the format, structure and communications channels for the exchange of information electronically.
- 3 Recognising the value of the BIMCO cyber security guidelines, the e-navigation stakeholders agreed that similar cyber and data security measures must underpin e-navigation.
- 4 Participants recognised that e-navigation should improve the human decision making process, not replace it.



- 5 Participants considered that the concept of the Maritime Cloud could support e-navigation infrastructure and trials are underway.

#### **4. INVITATIONS TO OTHER EVENTS**

An invitation was issued to the 2016 e-Navigation Underway (North America) Conference to be held on October 17th to 19th, 2016 at the San Jacinto College, Maritime Technology and Training Center, Houston, Texas, USA.

The establishment of the CIRM User Feedback Forum, hosted on the CIRM website was announced as a joint venture by CIRM (representing the system designers and manufacturers) and the Nautical Institute (representing the users).

#### **5. THE COUNCIL IS REQUESTED TO**

**The Council is requested to note the outcome of the conference and to consider the conclusions in relation to the work of IALA.**