

**IALA COUNCIL**  
**64<sup>th</sup> session**



**13-16 June 2017**  
**Incheon**  
**Republic of Korea**

## **11 – TECHNICAL ACTIVITIES**

### ***11.4 – ENAV***

#### **11.4.7 – Draft Guideline on Specification of e-Navigation Technical Services**

Note by the Secretariat

##### **1. BACKGROUND**

Based on the concepts of service-oriented architectures, a technical service refers to a set of related software functionalities that can be reused for different purposes together with policies that govern and control its usage.

A technical service is a service offered by one electronic device to another electronic device. Often operational services are implemented by electronic devices that offer several technical services to use the operational service.

##### **2. GUIDELINE ON SPECIFICATION OF E-NAVIGATION TECHNICAL SERVICES**

The draft Guideline on Specification of e-Navigation Technical Services provides information on how to make specifications of technical e-Navigation services.

This Guideline aims at improving the visibility and accessibility of available e-navigation technical services and the information provided by them. This enables service providers, consumers, and regulatory authorities to share a common understanding of a technical service and how to implement and use it. The Guideline is intended for service architects, system engineers and developers in charge of designing and developing a technical service or design and developing a device to use it.

It is intended to forward liaison note C64-11.4.7.1 (ENAV20-14.1.34), Liaison note re Draft Guideline on Specification of e-Navigation Technical Services, and paper C64-11.4.7.2 (ENAV20-14.1.11), Draft Guideline on Specification of e-Navigation Technical Services, as a draft document to other organisations for comment with the intention of completing the Guideline at ENAV21.

The finalised documents are submitted as input papers C64-11.4.7.1 and C64-11.4.7.2.

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

**Approve** the forwarding of the liaison note regarding Draft Guideline on Specification of e-Navigation Technical Services and the draft Guideline on Specification of e-Navigation Technical Services to other organisations for comment.