

IALA COUNCIL
64th session



13-16 June 2017
Incheon
Republic of Korea

11 – TECHNICAL ACTIVITIES

11.4 – ENAV

11.4.3 – Draft Guideline G1125 - The Technical Approach to Establishing a Maritime eLoran Service

Note by the Secretariat

1. BACKGROUND

IMO Resolution A.1046(27) details the requirements on World-Wide Radio Navigation Systems (WWRNS) considering vessels operating in the Ocean and harbour entrances, harbour approaches and coastal waters. Service providers are opting to provide eLoran services as part of a robust PNT solution, as eLoran is dissimilar and complementary to GNSS services.

2. GUIDELINE ON THE TECHNICAL APPROACH TO ESTABLISHING A MARITIME ELORAN SERVICE

The aim of the Guideline G1125 - The Technical Approach to Establishing a Maritime eLoran Service is to enable service providers to deliver, monitor and assess the performance of eLoran services in a common manner.

The Guideline summarizes the requirements accuracy, integrity, availability, and continuity for a WWRNS based on IMO Resolution A.1046(27) & IMO Resolution A.915(22) and provides an overview of eLoran development, service establishment and operation to provide a backup terrestrial positioning system, complementing GNSS.

The finalised document is submitted as input paper C64-11.4.3.1.

3. THE COUNCIL IS REQUESTED TO

Approve the draft Guideline G1125 - The Technical Approach to Establishing a Maritime eLoran Service.