

IALA COUNCIL
64th session



12-16 June 2017
Incheon
Republic of Korea

11 – TECHNICAL ACTIVITIES

11.4 – ENAV

11.4.2 - Draft Recommendation R1011 The Performance and Monitoring of eLoran Services in the Frequency Band 90 – 110 KHz

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. RECOMMENDATION ON THE PERFORMANCE AND MONITORING OF ELORAN SERVICES IN THE FREQUENCY BAND 90 – 110 KHZ

The Recommendation sets out five principles with which IALA National Members and other Authorities should comply when establishing an eLoran service.

The Recommendation references the Guideline G1925 on The Technical Approach to Establishing a Maritime eLoran Service (C64-11.4.3.1).

The Recommendation will be referenced in the IALA Standard 1030 on Radionavigation Services preferably as an informative Recommendation.

The finalised document is submitted as input paper C64-11.4.2.1.

3. THE COUNCIL IS REQUESTED TO

Approve the Draft Recommendation 1011 The Performance and Monitoring of eLoran Services in the Frequency Band 90 – 110 KHz.