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| IALA Recommendation |

[DRAFT] R0###

Use of International Mobile Telecommunications (IMT) for Marine AtoN over IMT-2030

Edition ?

Revisions to this IALA Document are to be noted in the table prior to the issue of a revised document.

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| Date | Details | Approval |
|  | 1st issue | Council |

THE IALA COUNCIL

**RECALLING**:

1. The function of IALA with respect to safety of navigation, the efficiency of maritime transport and the protection of the environment.
2. Article 8 of the IALA Constitution regarding the authority, duties and functions of the Council.
3. The provisions of IALA Standard S1060 on Digital Communication Technologies.

**NOTING:**

1. That IALA fosters the safe, economic and efficient movement of vessels through improvement and harmonization of Marine Aids to Navigation, including Vessel Traffic Services (VTS), world-wide;
2. The International Convention for the Safety of Life at Sea (SOLAS) 1974, Chapter IV (Radiocommunications) and Chapter V (Safety of Navigation);
3. Developments in International Mobile Telecommunications (IMT) with regards to specifications and standard development in mobile telecommunications [community such as 3rd Generation Partnership Project (3GPP]; and,
4. The increasing implementation of such technologies to support maritime ship and shore operations.

**RECOGNISING:**

1. The IALA Maritime Radio Communications Plan (MRCP);
2. IALA Recommendations and Guidelines related to marine aids to navigation provision and digital data exchange;
3. The development of IMT standards in ITU, such as IMT, IMT-Advanced, IMT-2000 and IMT-2020 with regards to 3G, 4G, 5G technology in terms of 3GPP respectively, ;
4. The potential for IMT, to enhance, expand and facilitate marine aids to navigation and maritime services; and,
5. The inclusion of a ‘maritime vertical’ within the 3GPP organisation known as MARCOM may further support maritime operations.

**CONSIDERING** the proposals of the ENAV Committee.

**ADOPTS** the Recommendation R### onUse of International Mobile Telecommunications (IMT) by AtoN Authorities

**RECOMMENDS** that competent authorities and administrations work with national entities to recognise IMT for the purpose of enabling, enhancing, and assisting the provision and management of marine aids to navigation services.

**RECOMMENDS FURTHER** that aids to navigation authorities coordinate implementation of IMT to ensure interoperability on national, regional and international scales and to ensure the protection of existing maritime communications systems.

**INVITES** National and Industrial Members to [acknowledge and take appropriate action…] ….[TBD – document to be reviewed at a holistic level]

**REQUESTS** the IALA ENAV Committee or other committees as the Council may direct, to keep this Recommendation under review and to propose amendments, as necessary.