DTEC3-11.2.2.5

**Workshop Proposal**Informed by IALA Workshop guidelines, Ed. 4, 2010 (= latest edition)

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| **Vision** | **International Mobile Telecommunication (IMT) for Marine AtoNs** |
| **Proposal** | Workshop on development of guidance to IALA members for their consideration of future plan |
| **Purpose(s)** | 1. To inform on relevant developments in the IMT family, in particular regarding the present IMT-Advanced (4G/LTE), IMT-2020 (5G) and the emerging IMT-2030 (6G) technologies 2. To identify adaptable ‘features’ of the IMT family to Marine AtoN domain 3. To identify technical, regulatory and operational challenges when applying the IMT family to marine AtoN domain 4. To consider IALA’s continued role in the application of IMT family to the marine AtoN domain |
| **Goal(s)** | 1. Introduction of participants to the IMT family in general, and regarding IMT-2020 / IMT-2030 in particular, from an application perspective, taking specifically into account relevant application developments in other application domains (“3GPP verticals”) for potential likewise application to the wet domain 2. Adapt existing “features” of the IMT family as developed by other “verticals” to the domain of Marine AtoNs 3. Content definition and initial draft of relevant IALA documents, such as a future “IALA guideline on the application of the IMT family for Marine AtoNs” and liaison note(s) to relevant international organisations, such as IMO 4. Consideration of pros/cons of setting up of an initiative group for the maritime domain at 3GPP (“Market Representation Partner – MRP”) |
| **Who** | The workshop will provide a forum for discussion and development of IALA position and documentation on the application of the IMT family. It is envisaged that invitations will be sent to:   * IALA membership * Maritime organisations such as IMO, ITU, IHO, IEC, CIRM, RTCM * WWA target countries * Inland waterway organisations such as PIANC, IEHG, and regional inland waterway network organisations in Europe. |
| **Size of Group** | It is expected that the Workshop will attract a group of up to [50] persons. |
| **Where** | [UN-city Bonn-upon-Rhine, Germany – headquarters of the German Federal Waterways and Shipping Agency] [to be confirmed] |
| **Duration** | 4 days - Monday to Thursday of the same week |
| **When** | [within the 3 week period 18 Aug – 04 Sep 2025] [to be confirmed by host country TBC]  Note: A 2025 date is due to the urgency of the provision of connectivity for e.g. S-100 World and MASS.  Note: A “Workshop and Seminar on Maritime Radionavigation and Radiocommunication in Digital Era” is scheduled for 2026; the workshop proposed here can contribute significantly to the understanding of the IMT technologies and thus supports the 2026 workshop, which is broader in scope. |
| **Cost to Participants** | [600-800] €  (note: figure specifically recommended by IALA Workshop guidelines, Ed. 4, 2010) |
| **Process** | Day 1 (Monday) – Introduction, Key note speech, presentations  Day 2 (Tuesday) – Presentations with discussion groups on presentation sessions  Day 3 (Wednesday) – Break out groups on target draft IALA documents  Day 4 (Thursday) – Break out groups on target draft IALA documents; conclusions and recommendations |
| **Steering Committee** | Proposed Steering Committee for the Workshop:  IALA Secretary General  IALA Secretariat (including WWA) representative  IALA DTEC WG2 Chair  [max. 1 delegate from ARM, ENG, and VTS Committee, each]  Representative from the host organization [WSV/Germany] [to be confirmed] |