

WORKSHOP PROPOSAL

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

VISION	INTERNATIONAL MOBILE TELECOMMUNICATION (IMT) FOR MARINE AtoN
PROPOSAL	WORKSHOP ON DEVELOPMENT OF GUIDANCE TO IALA MEMBERS FOR THEIR CONSIDERATION OF FUTURE PLAN
PURPOSE(S)	<ol style="list-style-type: none"> 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)	<ol style="list-style-type: none"> 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	<p>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:</p> <ul style="list-style-type: none"> • 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	<p>[within the 3 week period 18 Aug – 04 Sep 2025] [to be confirmed by the Steering Committee]</p> <p>Note: A 2025 date is due to the urgency of the provision of connectivity for e.g. S-100 World and MASS.</p> <p>Note: A “Workshop and Seminar on Maritime Radionavigation and Radiocommunication in Digital Era” is scheduled for 2026; the workshop</p>

	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]