

## WORKSHOP PROPOSAL

<b>VISION</b>	<b>DIGITAL MARITIME RADIOCOMMUNICATION INFRASTRUCTURE</b>
<b>PROPOSAL</b>	WORKSHOP ON DEVELOPMENT OF IALA PLAN ON FUTURE DIGITAL MARITIME RADIOCOMMUNICATION INFRASTRUCTURE
<b>PURPOSE(S)</b>	<ol style="list-style-type: none"> <li>1 To guide AtoN and VTS authorities, providers, and manufacturers for the future investment and development of digital maritime radiocommunication infrastructure, considering the implications for both ship and shore side infrastructure.</li> <li>2 To identify operational requirements of AtoN services and VTS for future digital maritime radiocommunication infrastructure.</li> <li>3 To identify candidate technologies and challenges for future digital maritime radiocommunication infrastructure, including single box radio systems and vertical roaming<sup>1</sup> solutions.</li> <li>4 To identify educational and training requirements for future digital maritime radiocommunication infrastructure.</li> <li>5 To consider the interfaces between ship and shore digital maritime radiocommunications to support vital and non-vital functionality (i.e., GMDSS related and ship operations related).</li> <li>6 To identify the interfaces between the digital maritime radiocommunication infrastructure and the maritime services (refer to IALA G1113 and G1114).</li> <li>7 To identify the IALA's role in digital maritime radiocommunication infrastructure.</li> </ol>
<b>GOAL(S)</b>	<ol style="list-style-type: none"> <li>1 To develop an IALA plan on digital maritime radiocommunication infrastructure.</li> </ol>
<b>WHO</b>	<p>The workshop will provide a forum for discussion and development of IALA plan on digital maritime radio communication infrastructure. It is envisaged that invitations will be sent to:</p> <ul style="list-style-type: none"> <li>• Marine Aids to Navigation authorities and providers</li> <li>• Maritime radiocommunication authorities</li> <li>• Seafarers associations</li> <li>• Shipowners/ operators</li> <li>• Industry members involved in radiocommunication equipment and systems</li> </ul>
<b>SIZE OF GROUP</b>	It is expected that the Workshop will attract a group of up to 60 persons.
<b>WHERE</b>	Tokyo, JAPAN
<b>DURATION</b>	5 days

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<sup>1</sup> Vertical Roaming solutions - roaming between different systems between the same two end points as compared with Horizontal Roaming which is on the same system between two end points (i.e. mobile telephone use)

<b>WHEN</b>	First-quarter of 2023
<b>COST TO PARTICIPANTS</b>	Tentatively 500 €
<b>PROCESS</b>	<p>Day 1 (morning) - Chair + WG Chair meeting, Registration</p> <p>Day 1 (afternoon) - Opening/ Presentations/ Panel discussion</p> <p>Day 2 - Break up WG (operation, technology, education and training), WG meeting</p> <p>Day 3 - WG meeting</p> <p>Day 4 - WG meeting/ Technical tour</p> <p>Day 5 - Plenary Discussion, Review Output, Closing</p>
<b>STEERING COMMITTEE</b>	<p>Proposed Steering Committee for the Workshop:</p> <p>Chairs and vice chairs of IALA technical Committees</p> <p>Representatives from Japan Coast Guard (host organization)</p> <p>IALA Secretariat and WWA</p>