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| From: ARM committee | PAP56-3.3.1 |
| To: PAP |  |

LIAISON NOTE on MCP reference implementation

**1 SUMMARY**

Following the recommendation from the IALA/IHO workshop on S-100/S-200 held in Annapolis September 2024, that IALA (and IHO) should 'explore official testing MCP’s identity management,’ the ARM Committee would like to recommend that IALA provides a running reference implementation of MCP. This includes service registry, identity registry, and maritime messaging service. This MCP instance is offered by KRISO (Korea Research Institute of Ships & Ocean Engineering) and GRAD (GLA Research and Development directorate), and will not impose any costs on IALA, but IALA Secretariat would be requested to support and, in the process, investigate any requirements for procedure establishment of operational instances.

To continue the concurrent development of product specifications and technical services by IALA members and industry partners, there is a great need for interoperability testing. This can only be accomplished with an IALA-operated instance of the MCP to recognize IALA’s level of responsibility in this area. This will ensure the smooth continuation of development efforts towards the realization of e-Navigation and digitalization.

It is emphasised that this will not be an operational MCP, rather a reference implementation that can be used when developing and demonstrating various technical services by IALA members and industry.

**2 ACTION REQUESTED OF THE COMMITTEE**

PAP is requested to consider the proposal and bring it forward to IALA Council for formal approval.