



## APPENDIX A

### ICAO SOUTH AMERICAN REGIONAL OFFICE

#### AIM/MET NEMOTECNIC PAPER

| <b>RLA/06/901 – Workshop on Digital Data Sets (DDS) as Enablers for SWIM<br/>(Santiago, Chile, 2 to 5 November 2026)</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
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| <b>Regional Strategy for SWIM Implementation in the AIM/MET/ATM Areas</b>                                                | <p>By December 2026:</p> <ul style="list-style-type: none"> <li>• Strengthen the implementation of standardized digital data sets as enablers for SWIM.</li> <li>• Promote interoperability and the timely, secure and efficient exchange of aeronautical information.</li> <li>• Foster coordination among AIM, MET and ATM for integrated information management.</li> <li>• Develop national capabilities to plan, implement and oversee digital services.</li> </ul> <p>Ongoing tasks:</p> <ul style="list-style-type: none"> <li>• Follow up on national and regional SWIM implementation plans.</li> <li>• Promote harmonization with ICAO provisions and guidance.</li> <li>• Facilitate the exchange of experiences, best practices and lessons learned among States.</li> </ul> |
| <b>ICAO Strategic Objectives</b>                                                                                         | <p>Safety<br/>Air Navigation Capacity and Efficiency<br/>Economic Development of Air Transport</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Workshop Objective</b>                                                                                                | Strengthen States' capabilities to implement and exchange standardized digital data sets and use them as enablers for concepts and services associated with SWIM.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Background and Related Regional Activities</b>                                                                        | <ul style="list-style-type: none"> <li>• Regional follow-up on the transition from AIS to AIM and the implementation of digital data sets.</li> <li>• Capacity-building activities on PANS-AIM, AIS/AIM documentation and digital services.</li> <li>• Promotion of the implementation of DDS and SWIM enablers within the framework of GREPECAS.</li> <li>• Follow-up on GREPECAS Conclusion 23/7 and the outcomes of the 42nd Session of the ICAO Assembly related to the digital transformation of aeronautical information.</li> <li>• Regional coordination among AIM, MET, ATM and information technology specialists.</li> </ul>                                                                                                                                                  |
| <b>Current Situation and Identified Need</b>                                                                             | States have varying levels of maturity in the implementation of digital data sets and SWIM-related services. Technical capabilities need to be strengthened, approaches harmonized and effective coordination among the AIM, MET and ATM domains promoted in order to move towards an interoperable environment.                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Nature of the Event</b>                                                                                               | An in-person technical and practical workshop featuring specialized presentations, exchange of experiences, review of best practices and exercises aimed at planning and implementing digital data services for SWIM.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Competencies to Be Developed by the Event</b>                                                                         | <p>The event will enable participants to:</p> <ul style="list-style-type: none"> <li>• Understand the role of DDS as enablers for SWIM.</li> <li>• Identify requirements, dependencies and best practices for their implementation.</li> <li>• Strengthen national planning and AIM/MET/ATM coordination.</li> <li>• Recognize aspects related to interoperability, standardization and data quality.</li> <li>• Define follow-up actions applicable to their organizations.</li> </ul>                                                                                                                                                                                                                                                                                                  |

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| <b>Participant Profile</b>                | <ul style="list-style-type: none"> <li>• AIM, MET and ATM specialists and technical officers.</li> <li>• Personnel from civil aviation authorities and air navigation service providers.</li> <li>• Inspectors or regulators involved in aeronautical information management.</li> <li>• Information technology personnel involved in implementing or supporting digital services and SWIM.</li> <li>• Professionals able to contribute to national implementation plans.</li> </ul> |
| <b>Next Steps in Strategy Development</b> | <ul style="list-style-type: none"> <li>• Follow up on the commitments and actions identified during the workshop.</li> <li>• Promote the development or updating of national implementation plans.</li> <li>• Strengthen technical cooperation and the exchange of experiences among States.</li> <li>• Coordinate future training and technical assistance activities on DDS and SWIM.</li> <li>• Incorporate progress into regional AIM/MET/ATM follow-up activities.</li> </ul>   |
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