



Agenda Item 3: Report on activities, deliverables and implementation progress of the GT Interop and Subgroups

ACTIVITIES CONDUCTED AND PLANNED UNDER REGIONAL PROJECT RLA/06/901

(Prepared by the Secretariat)

SUMMARY

This information paper presents the main activities conducted during 2026 and those planned for the remainder of the year under Regional Project RLA/06/901, related to the Interoperability Task Group (GT Interop) and its Subgroups, as well as other activities directly linked to their work streams. The activities cover, among other matters, ATM interoperability, AMHS, AIDC, aeronautical surveillance, ADS-B, Voice over IP (VoIP) communications, VHF, radionavigation and GNSS, aeronautical spectrum management, SWIM, resilience and continuity of CNS services.

References:

- Regional Project RLA/06/901
- 2026 work programme of Project RLA/06/901
- GT Interop and its Subgroups
- Global Air Navigation Plan (GANP)
- GREPECAS programmes and projects related to interoperability and CNS

1. Background

1.1 Regional Project RLA/06/901 supports SAM States in the coordinated planning and implementation of improvements to air navigation systems and services, promoting harmonization, interoperability, resilience and modernization of regional infrastructure.

1.2 GT Interop and its Subgroups constitute the regional mechanism for coordinating activities related to ATM/AIDC, ATM/FPL, CNS/AMHS, CNS/ANP, CNS/SUR, CNS/VoIP and MET/IWXXM, articulating the technical work required to advance greater interoperability of air navigation systems and services in the SAM Region.

1.3 During 2026, meetings, workshops, technical-assistance activities and implementation work associated with these work streams were conducted. Activities were also scheduled for the second half of the year to continue the work of the Subgroups and consolidate regional progress.

1.4 Some activities directly related to GT Interop objectives and work may receive support from other ICAO sources or in-kind contributions. These complement activities under Project RLA/06/901 and contribute to regional interoperability, modernization and resilience objectives.

2. Analysis

ATM/CNS interoperability and AIDC

2.1 From 5 to 8 May 2026, the First ATM/CNS Meeting on the application of 10 NM longitudinal separation was held virtually. The activity continued ATM-CNS coordination needed to support operational implementation and use of available communications and surveillance capabilities in the Region.

2.2 During 2026, work also continued to strengthen implementation and operation of AIDC interconnections among States, as a fundamental element for automating data exchange between ATS units and improving regional interoperability.

2.3 As a continuation of this work, an AIDC assistance activity is proposed in Buenos Aires, Argentina, from 30 November to 4 December 2026, aimed at supporting the corresponding implementation and interoperability processes.

AMHS

2.4 The COM/AMHS/7 SAM Meeting was held virtually from 6 to 8 May 2026, continuing regional work on AMHS operation and interoperability.

2.5 Work includes monitoring AMHS interconnections, coordination among States, periodic collection of operational information and development of regional indicators to monitor service performance and availability.

2.6 These activities strengthen interoperability of the regional aeronautical messaging infrastructure and provide objective information to identify improvements and strengthen service resilience.

Aeronautical surveillance and ADS-B

2.7 During 2026, work continued within SG CNS/SUR and its associated ad-hoc groups, particularly on the development of a regional ADS-B CONOPS and roadmap, as well as on the regulatory and technical implementation aspects required to advance harmonized implementation in the Region.

2.8 A new virtual CNS/SUR Subgroup meeting is planned for 28 and 29 September 2026 to continue work related to the ADS-B CONOPS.

2.9 Complementary initiatives continue to improve regional exchange and use of ADS-B data, including development of a regional surveillance network and mechanisms for consolidating and visualizing information.

2.10 In this context, an activity for the development of a Regional ADS-B Dashboard is planned in Lima from 7 to 18 December 2026, aimed at facilitating the consolidation, monitoring and presentation of regional surveillance information.

Radionavigation and GNSS

2.11 The CNS SUR MON GNSS activity was held from 13 to 17 July 2026 to strengthen regional coordination in response to GNSS interference events and support common mechanisms for identification, reporting, monitoring and mitigation.

2.12 The 2026 Radionavigation Workshop is planned to be held in Lima from 2 to 4 September 2026 and will address aspects related to the evolution of radionavigation infrastructure, the use of GNSS, and regional planning and resilience needs.

Voice communications, VoIP and VHF

2.13 The evolution of aeronautical communications toward IP-based architecture is one of GT Interop work streams, considering the need to ensure interoperability and continuity of operational communications.

2.14 A Regional VoIP Workshop is planned in Bogotá, Colombia, from 9 to 13 November 2026 to continue the regional transition toward IP-based voice communications, promote harmonized application of standards and facilitate exchange of experience.

2.15 A regional VHF activity is also proposed, with date and venue still to be determined, aimed at continuing regional work related to aeronautical communications and their planning.

Aeronautical frequency spectrum management

2.16 In support of aeronautical spectrum planning and protection, regional activities related to preparation for the 2027 World Radiocommunication Conference (WRC-27) are being conducted during 2026.

2.17 A preparatory WRC-27 Workshop is planned in Lima from 31 August to 1 September 2026.

2.18 The CAR/SAM FSMP WG/23 meeting will be held in Lima from 2 to 11 September 2026, contributing to regional coordination of needs and positions concerning use and protection of spectrum for aeronautical services.

2.19 These activities complement regional work on management, coordination and updating of aeronautical frequency assignments.

SWIM and digital information exchange

2.20 Evolution toward digital information-exchange environments is relevant to future interoperability and progressive SWIM implementation in the Region.

2.21 An Ad-hoc DDS for SWIM activity is planned in Santiago, Chile, from 2 to 5 November 2026, related to development and analysis of mechanisms for digital information exchange and their regional application.

2.22 This activity complements GT Interop Subgroup work on the evolution of aeronautical information-exchange systems and progressive preparation for SWIM-based services.

Resilience and continuity of CNS services

2.23 During 2026, regional activities related to CNS infrastructure resilience and continuity of air navigation services were strengthened.

2.24 From June 2026, technical-assistance and coordination actions supported Venezuela and Ecuador in assessing and strengthening continuity and resilience of affected air-navigation services and infrastructure.

2.25 Activities included aspects related to communications infrastructure, AMHS/AIDC, REDDIG, VHF, power supply, link redundancy and contingency mechanisms, making it possible to identify actions aimed at recovering and strengthening operational capabilities and improving service continuity.

Interregional coordination

2.26 Participation took place in SAT/IMG/07 and SAT/SOG/07 in Dakar, Senegal, from 6 to 10 April 2026, as part of coordination on interoperability and continuity of air navigation services in the South Atlantic corridor.

2.27 These activities help maintain coordination with other Regions and organizations, identify developments of interest to the SAM Region, and promote solutions that are compatible and interoperable with regional infrastructure.

Continuation of GT Interop work

2.28 A GT Interop Workshop is planned in Lima from 24 to 27 November 2026 to consolidate annual progress, coordinate pending activities and establish subsequent work lines.

2.29 Activities conducted and planned during 2026 demonstrate the complementarity of the work of the different Subgroups and their contribution to the coordinated evolution of regional infrastructure, particularly in the areas of communications, surveillance, information exchange, ATM/CNS interoperability and resilience.

2.30 Results will provide input for updating and prioritizing the 2027 work programme of GT Interop and Project RLA/06/901.

3. Suggested actions

3.1 The Meeting is invited to:

- a) take note of activities conducted during 2026 by GT Interop and its Subgroups, as well as other activities directly related to their work streams;
- b) take note of activities planned for the remainder of 2026 concerning ATM/CNS interoperability, AMHS, AIDC, surveillance, ADS-B, radionavigation, GNSS, VoIP, VHF, spectrum management, SWIM and CNS resilience; and
- c) continue supporting States' participation in GT Interop activities and coordinated implementation of resulting actions and deliverables.

END