



Agenda

Item 4:

SAM/IG Conclusions and Next Actions - Plenary

- a) Summary of Sessions**
- b) Review and approval of Conclusions**
- c) Approval of the 2021 Work Plan**

2021 WORK PLAN OF THE INTEROP TF

(Presented by the Secretariat)

SUMMARY	
This paper presents the 2021 Work Plan prepared by the Interoperability Task Force (GT Interop).	
References <ul style="list-style-type: none">- SAM/IG/22 final report (Lima-Peru, 19-23 November 2018);- SAM/IG/23 final report (Lima-Peru, 20-24 May 2019); and- SAM/IG/24 final report (Lima-Peru, 4-8 November 2019).	
ICAO strategic objectives:	<i>A – Safety</i> <i>B – Air navigation capacity and efficiency</i> <i>ASBU: AMET-B0/4 (IWXXM), COMI-B0/7 (AMHS),</i> <i>FICE-B0/1 (AIDC), ASUR-B0/1 (ADS-B), ASUR-B0/3</i> <i>(satellite ADS-B)</i>

1. INTRODUCTION

1.1 The activities planned for 2021, in support of the activated subgroups of the Interop TF (GT Interop), are presented in this working paper.

1.2 The activities that depend on the resources of Regional Project RLA/06/901 shall be approved by the Coordination Committee of the cited regional project.

1.3 The **Appendix** to this working paper contains a summary of the activities/events proposed for the Interop TF.

2. ANALYSIS OF THE 2021 WORK PLAN

Based on the analysis of the Interop TF, the following requirements to support the activities of the various bodies of the Group have been identified:

Interop TF/2

2.1 Within the framework of Project RLA/06/90, the SAM Implementation Group (SAM/IG) has created the Interoperability Task Force, with the aim of supporting and promoting initiatives to modernise air navigation services and ensuring the interoperability of the automated systems used by AIM, ATM, ATFM, CNS and MET users, in order to:

- a) facilitate the exchange of information between the systems set up by the States, reducing interconnection times and issues between systems;
- b) promote a coordinated and homogeneous transition to the new services and elements identified in the GANP; and
- c) encourage the multidisciplinary participation of air navigation service professionals in support of the SAM Implementation Group (SAM/IG) in the planning and execution of activities for the interconnection of the systems implemented in the South American Region.

2.2 The meeting of the Interop TF subgroups allows for the sharing of work done in the activated subgroups, the completion of deliverables to be presented at the SAM Implementation Group meeting (SAM/IG), and the identification of issues to be addressed for the activation of new subgroups.

ATM/AIDC Subgroup

2.3 Conduction of ATM automation courses specifically focused on AIDC, covering both operational and technical aspects.

2.4 Verification by each State of compliance with the standards set forth in the ICD in force at the date of manufacture of its automated system, in order to unify operational criteria and technical requirements when establishing an AIDC interconnection with adjacent ACCs.

2.5 Identification of the technical constraints to be overcome by each State as part of the process of implementing AIDC as a means of automated coordination (*e.g.*, migration from AFTN to AMHS, upgrading of the automated system or implementation in the absence of such a system, etc.), and establishment of a work plan and tentative timetable to meet outstanding requirements.

ATM/FPL Subgroup

2.6 The holding of the Seminar on Flight Plan Management Centralisation will be fundamental for those States that have not yet begun to adopt the guidelines and measures set forth in the ATM/FPL Roadmap, to be able to identify the gaps and exchange experiences with those States that have implemented processes for centralised management of flight plans and associated messages.

CNS/AMHS Subgroup

2.7 The Second Workshop/Meeting of AMHS COM Centre Supervisors/Operators of the SAM Region will consolidate the initiatives adopted at the first workshop held in 2020.

2.8 The Advanced AMHS (virtual) course will provide training for more operators/supervisors responsible for managing the AMHS systems implemented in the Region.

CNS/SUR Subgroup

2.9 Seminar/Workshop on the implementation of ADS-B in the SAM Region, with the participation of airspace planners of the States and those responsible for the implementation of air navigation systems. This event was approved by the Coordination Committee of Regional Project RLA/06/901 to be held in 2020, but it was not possible due to the concentration of a significant number of events in the second half of 2020, related to the pandemic.

MET/IWXXM Subgroup

2.10 Seminar/Workshop on the adaptation of aeronautical meteorology systems to the new IWXXM format and conduction on tests with the Brasilia OPMET bank.

2.11 During the event, the Interface Control Document (ICD) of version 3.0 of the Brasilia regional OPMET data bank will be presented and made available.

3. SUGGESTED ACTION

3.1 The Meeting is invited to:

- a) take note of the activities scheduled for the Interop TF; and
- b) review and approve the plan proposed for 2021, as shown in the **Appendix**.

Appendix

2021 Work Plan

Activities	Objectives / Deliverables	Tentative dates
Activities for the development of Volume III of the CAR/SAM ANP	Development of Volume III, participation of all SAM and CAR States. Use of the AN SPA, and completion of forms and templates.	TBD Several virtual meetings.
SAM/IG/26 Air navigation implementation priorities contemplated in GREPECAS programmes, Volume III of the Regional ANP and regional initiatives	Continue implementation and optimisation activities based on studies by GESEA and the Interop TF.	Tentative Lima Between September and December 2021
Interop TF/2 Second meeting of Interop TF subgroups	Provide a face-to-face meeting of the participants of the Interop TF subgroups, to consolidate previous work carried out virtually (teleconferences, exchange of electronic messages and revision of texts), with the aim of finalising the products and deliverables to be submitted to the SAM Implementation Group (SAM/IG). (4 days)	Tentative Face-to-face: Second week of August 2021 Virtual: First week of July 2021
AIDC training	Training for the members of the AIDC implementation teams of the States of the Region. (5 days)	Tentative Face-to-face: First semester of 2021 Virtual: Second semester of 2021
Seminar on centralised management of flight plans	Event to discuss the technical, regulatory and administrative aspects for the centralisation of flight plan management, in accordance with the ATM/FPL Roadmap approved at the SAM/IG/25 Meeting. (4 days)	Virtual First semester of 2021
AMHS COM/2 Second workshop/meeting of supervisors/operators of AMHS COM centres of the SAM Region	This is an event for the exchange of information and experiences between supervisors/operators of the AMHS COM centres of the SAM Region. Review of routing tables. Review of contingency plans. (4 days)	Tentative Face-to-face: First semester of 2021 Virtual: Second semester of 2021

Activities	Objectives / Deliverables	Tentative dates
Advanced AMHS course	Training for technical and operational staff who maintain and operate the AMHS system and are involved in the implementation of AMHS interconnections. (5 days)	Virtual Second semester of 2021
Seminar/workshop on ADS-B implementation in the SAM Region	Seminar/workshop on ADS-B implementation in the SAM Region, with the participation of State airspace planners and those responsible for the implementation of air navigation systems. Review of the SAM ADS-B implementation guide. (4 days)	Virtual Second semester of 2021
Seminar/workshop on adaptation of aeronautical meteorology systems to the new format IWXXM	Event to discuss the adaptation of aeronautical meteorology systems to the new IWXXM format and testing with the Brasilia OPMET Bank (June 2021) Event to present and make available the Interface Control Document (ICD) of version 3.0 of the Brasilia regional OPMET data bank (May 2021). (3 days)	Virtual Second semester of 2021