



**Agenda**

**Item 3:**

**Report of activities and deliverables of the Interop TF and Subgroups**

**ACTIVITIES EXECUTED BY THE CNS/ANP SUBGROUP**

(Presented by the Secretariat)

<b>SUMMARY</b>	
This working paper presents the activities carried out by the CNS/ANP Subgroup of the Interoperability Task Force (Interop TF), since the last Meeting of the SAM Region Implementation Group (SAM/IG) to date.	
<b>References</b>	
- Final Report of SAM/IG/26 Meeting (Virtual, 20 to 23 September 2021); and - Summary of Discussions of the INTEROP TF/3 Meeting (Virtual, 14 to 17 March 2022).	
<b>ICAO Strategic Objectives:</b>	<i>A – Safety B – Air Navigation Capacity y Efficiency</i>  <i>ASBU: AMET-B0/4 (IWXXM), ASUR-B0/1 (ADS-B), ASUR-B1/1 (SB ADS-B), COMI-B0/7 (AMHS) y FICE-B0/1 (AIDC)</i>

**1. INTRODUCTION**

1.1 The SAM Region Implementation Group (SAM/IG) has formed the Interoperability Task Force (Interop TF) to support and promote air navigation services modernization initiatives and ensure interoperability between automated systems used by AIM, ATM, ATFM, CNS and MET users, with a view to:

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

1.2 The CNS/ANP Subgroup was activated at the SAM/IG/26 Meeting (Virtual, September 20 to 23, 2021) in order to support the review of the information contained in Volume II of the CAR/SAM Air

Navigation Plan, as well as to provide support, in the elaboration of Vol III of the ANP CAR/SAM, on CNS topics.

## 2. ANALYSIS

### 2.1 CNS/ANP SUBGROUP

#### Rapporteurship of the CNS/ANP Subgroup

2.1.1 During the WG INTEROP/3 Meeting (Virtual, March 14-17, 2022), Chile has presented the suggestion to nominate a person to be Rapporteur of the Subgroup. Subsequently, through Letter No. 04/4/0420/3465, of April 4, 2022, Mr. Edmundo Cortés Mancilla was appointed as the Rapporteur of the CNS/ANP Subgroup.

2.1.2 The initial formation of the CNS/ANP Subgroup is as follows:

- **Subgroup CNS/ANP**

- **Rapporteur: Edmundo Cortés Mancilla, [ecortes@dgac.gob.cl](mailto:ecortes@dgac.gob.cl), Chile**

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2.1.3 So far, only 7 States have nominated participants for the CNS/ANP Subgroup (Argentina, Bolivia, Brazil, Chile, Peru, Uruguay and Venezuela).

#### Work to be done and support from participants of other Subgroups

2.1.4 The constant tables (CNS) of Volume II of the ANP CAR/SAM that need to be reviewed and updated are:

- Table CNS II-1:
  - Aeronautical Fixed Telecommunications Network (AFTN) Plan (support from the CNS/AMHS Subgroup)
- Table CNS II-2:
  - Required ATN Infrastructure Routing Plan
- Table CNS II-3:
  - ATS Direct Speech Circuits Plan
- Table CNS II-4:
  - HF Network Designators
- **Table CNSII-5 (new table):**
  - **ATS Interfacility Data Communication (AIDC) Plan** (support from the ATM/AIDC Subgroup)
- Table CNS II-CARSAM-1:
  - ATN IPV4 Addressing Scheme
- Table CNS II-CARSAM-2:
  - Aeronautical Mobile Service and AMSS
- Table CNS II-CARSAM-3:
  - Radio Navigation Aids Plan
- Table CNS II-CARSAM-4:
  - ASTERIX SAC Code Assignment Plan
- Table CNS II-CARSAM-5:
  - Surveillance Systems Plan (support from the CNS/SUR Subgroup)
- Table CNS II-CARSAM-6:
  - AM(R) VHF Geographical Separation Criteria
- Table CNS II-CARSAM-7:
  - AM(R) VHF Sub-bands Allotment Table

2.1.5 It was highlighted that the Regional Air Navigation Plan is CAR/SAM; involving States from another Region, as well as another ICAO Regional Office (NACC). Thus, the intention is to consolidate the changes proposed by the SAM States and, subsequently, to have some coordination meetings with the CAR States, before formulating the proposals for amendment (PfA) of the ANP CAR/SAM.

2.1.6 The CNS/AMHS Subgroup has made a previous revision of Table CNS II-1. For this table, there is a proposal to change the title of **Table CNS II-1 – Aeronautical Fixed Telecommunications Network (AFTN) Plan** to **Table CNS II-1 - Aeronautical Message Service (AMHS/AFTN) Plan**.

2.1.7 The ATM/AIDC Subgroup has prepared a new table to be included in the ANP CAR/SAM Vol II, reflecting the planning of the implementation of the AIDC (ATS Interfacility Data Communication). The new table will be reviewed and consolidated by the CNS/ANP Subgroup for further coordination with the CAR States, for the future elaboration of the amendments to the ANP CAR/SAM.

2.1.8 Likewise, the CNS/SUR Subgroup will support the revision and updating of **Table CNS II-CARSAM-5 – Surveillance Systems Plan**.

2.1.9 The participants of the CNS/ANP Subgroup should carry out a critical review of which tables should be included in the Plan, as well as propose changes in the formats of the tables, if necessary, in order to have a document that better reflects the planning of the States, taking into account that the Plan describes the planning of the States of two regions (CAR and SAM).

2.1.10 The strategy to be adopted is to approve the review and updating of the information contained in Volume II, referring to the SAM States, in meetings of the SAM Region Implementation Group (SAM/IG).

2.1.11 It was suggested that after completing the task of revising Volume II, the CNS/ANP Subgroup will be able to work on updating the COM Frequency Assignment Lists (radio aids, VHF, etc.), using the Frequency Finder application as a tool.

2.1.12 In this sense, coordination will be resumed with the Secretariat of the Frequency Spectrum Management Panel (FSMP), to carry out a training for the use of this application by all the States of the SAM Region.

### **3. SUGGESTED ACTION**

3.1 The Meeting is invited to:

- a) Take note of the activities carried out in the Subgroup CNS/ANP; and
- b) Analyze other considerations that the Meeting deems pertinent.

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