



Agenda Item 4: Report of activities and deliverables of the INTEROP TF and Subgroups
b) CNS implementation. Advances of the Subgroups

ACTIVITIES CARRIED OUT IN THE CNS/SUR SUBGROUP
ADS-B CONOPS AD-HOC GROUP

(Presented by IATA)

Table with 3 sections: SUMMARY, References, and ICAO Strategic Objectives. The ICAO Strategic Objectives section is further divided into A - Safety and B - Air Navigation Capacity and Efficiency, with a sub-section for ASBU: ASUR-B0/1 (ADS-B) and ASUR-B1/1 (SB ADS-B).

1. INTRODUCTION

1.1 Within the framework of the CNS/SUR Subgroup of the Interoperability Task Force, the ADS-B CONOPS Ad-hoc Group has been formed to revise the NAM/CAR/SAM Concept of Operations (CONOPS) for Automatic Dependent Surveillance – Broadcasting (ADS-B).

1.2 Appendix A of this working paper lists the participants of the CONOPS Ad-hoc Group, which is coordinated by Mr. Julio Pereira of IATA.

2. DISCUSSION

NAM/CAR/SAM ADS-B CONOPS

2.1 Based on Action S30/18 – Elaboration of a study in the CNS/SUR Subgroup, with the support of ATM experts, of the separation minimums that could be used by applying the existing ADS-B avionics on board the aircraft, using as a guide the information provided in ICAO Circular 326, an IATA proposal was submitted for evaluation by the ADS-B CONOPS Ad-hoc Group of the CNS/SUR Subgroup.

2.2 The proposal is to maintain the structure of the March 2022 version of the NAM/CAR/SAM ADS-B CONOPS, adding a new chapter (Chapter 7), called "ADS-B Implementation".

2.3 The draft of the document is available to the members of the Ad-hoc Group in the following shared point of MS Teams:

https://oaci.sharepoint.com/:w:/r/sites/SAM-CAR-ANS-GTINTEROP_/Shared%20Documents/GT%20INTEROP_/SG%20CNS%20SUR/CONOPS%20ADSBANP01-APN%20rev%202024%20Eng_IATA.docx?d=w1a06228cd6064f9d961f8c06c882f1ce&csf=1&web=1&e=1B9kHI

3. SUGGESTED ACTION

3.1 The Meeting is invited to:

- a) To take note of the information presented in this working paper; and
- b) To deliberate on the proposed revision of the NAM/CAR/SAM ADS-B CONOPS presented in this working paper.

APPENDIX

Subgrupo CNS/SUR – CNS/SUR Subgroup
Grupo Ad-hoc CONOPS ADS-B / ADS-B CONOPS Ad-hoc Group

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