



INTERNATIONAL CIVIL AVIATION ORGANIZATION

Third Meeting of APIRG Infrastructure and Information Management Sub Group (IIM/SG/3)
(Virtual Meeting, 12-14 October 2020)

Agenda Item 03: Review of the outcomes of APIRG 22

*IIM SG and AAO SG Synergies to support APIRG conclusions
(Presented by IATA)*

SUMMARY					
This paper explores opportunities to identify and exploit synergies between the APIRG AAO and IIM subgroups and also to coordinate efforts so as to avoid duplication.					
REFERENCE(S): APIRG22 Report AAO SG 03 report (draft) IIM SG 2 report					
Related ICAO Strategic Objective (s): Safety Capacity and Efficiency Economic Development Environmental Protection					
Related ASBU KPIs & B0 Modules:					
B0-APTA	B0-FICE	B0-DATM	B0-AMET	B0-FRTO	B0-NOPS
B0-ASEP	B0-OPFL	B0-ACAS	B0-SNET	B0-CDO	B0-CCO
and B0-TBO					



1. INTRODUCTION

1.1 The revised APIRG structure and ways of working which introduced the IIM and AAO subgroups was implemented to ensure harmonization and synergy between the various disciplines (AGA, ATM, CNS, SAR, AIM, MET) activities as none operate in isolation and all have impact on each other in the future global air navigation plan.

1.2 The draft conclusions of the AAOSG3 virtual meeting, held 3 to 5 August 2020, support seamless ATM and the recovery of the aviation industry from the divesting impact of COVID 19.

1.3 Notable projects under the AAO SG are:

- a) The development of an ATM Vision Document, Concept of Operations and ATM Master Plan for Africa,
- b) The implementation of Free Routing Airspace (FRA) in 6 East African FIR'S as well as identified key FIR's in Central and West Africa.

1.4 These two AAO projects require significant coordination with various projects being undertaken by the IIM SG to ensure success and effective, harmonized implementation.

2. DISCUSSION

2.1 The development of an AFI ATM master plan and advancement of free routing airspace implementation will be based on and/or be constrained by the existing AFI CNS infrastructure and capabilities.

2.2 Air Traffic Services and future operational concepts are heavily reliant on communication, navigation and surveillance infrastructure and the availability, quality and reliability of aeronautical and metrological information/data.

2.3 Review of the listed projects and their activities being undertaken by the IIM has indicated that there are already some synergies that can be capitalized on through the sharing of data among the project teams.

2.4 Particularly pertinent in the planning and implementation of the above mentioned AAO SG projects are the survey results on IIM CNS infrastructure, current and future implementations.

2.3 Going forward the AAO and IIM projects need to work together to align priorities, activities and timelines to ensure alignment to regionally agreed, current and future operational requirements and not technology driven perceived improvements.

2.4 The AAO and IMM subgroups need to work together to develop an AFI CNS Infrastructure Strategy based on the adopted Vision Document, Concepts of Operations and the AFI ATM Master Plan.



3. ACTION BY THE MEETING

3.1 The meeting is invited to consider the following actions:

- a) APIRG IIM SG to share the CNS infrastructure status of implementation and efficiency questionnaires' results with the AFI ATM master plan Project Management Team(PMT) in order to support the development of the regional Vision Document and Concepts of Operations.
- b) APIRG IIM SG to share the CNS infrastructure status of implementation and efficiency questionnaires' results with AFI FRA implementation PMT to support the FRA gap analysis process and help States develop their national plans in order to address the CNS challenges associated with the FRA implementation such as Aeronautical Mobile communication (AMC), surveillance infrastructures ..etc.
- c) Develop a common project repository where all project teams can share information and engage with each other .

3.2 **Draft Conclusion/Decision 3/xxxx: *Title of the Draft Conclusion/decision***

That;

The CNS, MET and AIM project teams of the IIM, coordinate with the AAO project teams developing the AFI ATM Master Plan and align activities to support the ATM Master Plan development and implementation.

In particular :

A) IMM SG to share the CNS questionnaires' results on the status of implementation of CNS infrastructure in various AFI states , in order to support the work of the AAO SG Project Management Teams in charge of the development of the AFI ATM Master Plan and the implementation of Free Routing Airspace (FRA).

B) IMM SG to establish a common project repository platform where the different IMM SG and AAO SG project teams can easily share and access information.

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