



## INTERNATIONAL CIVIL AVIATION ORGANIZATION

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**Sixth Meeting of the APIRG Infrastructure and Information Management Sub-Group  
(IIM/SG6)***(Nairobi, 31 July - 03 August 2023)***Agenda Item 3: Achievements in AIM, CNS, and MET****WP3.1A Status of ASBU elements in CNS, AIM and MET fields***(Presented by the Secretariat)*

SUMMARY
This working paper discusses the progress made in planning and implementing ICAO Aviation System Block Upgrades (ASBUs) in the areas of CNS, AIM and MET Action by the meeting in paragraph 3
<b>REFERENCE(S):</b> <ul style="list-style-type: none"><li>▪ Global Air Navigation Plan GANP (Doc. 9750 6<sup>th</sup> Edition)</li><li>▪ AFI Regional Air Navigation Plan Doc .7474 and AFI e-ANP</li><li>▪ APIRG/25 &amp; Previous meetings Reports</li><li>▪ APIRG IIM/SG/5<sup>th</sup> and Previous meetings Reports</li><li>▪ APIRG/IIM Projects deliverables</li></ul>
This working paper relates to <b>ICAO Strategic Objectives: A Safety, B Capacity and Efficiency</b>

**1. INTRODUCTION**

- 1.1 The Global Air Navigation Plan (GANP Doc. 9750) was developed to assist States and regional planning groups in identifying the most appropriate operational improvements to achieve near - and medium-term benefits based on current and foreseen aircraft capabilities and ATM infrastructure, while the *Global Air Traffic Management Operational Concept* (GATMOC-Doc 9854) provided the overall vision of a performance-based ATM system.
- 1.2 The nineteenth meeting of the APIRG held from 28 to 31 October 2013, in Dakar, Senegal, adopted through its Conclusion 19/06 the AFI Regional Air Navigation System Implementation Action Plan aligned with the ICAO Aviation System Block Upgrades (ASBUs). This action plan was then integrated into the AFI Air Navigation Plan (e-ANP) Volume III, for implementation within the AFI Region.

## 2. DISCUSSIONS

2.1 The new changes in the 6<sup>th</sup> Edition of the GANP include the content of the Basic Building Block (BBB) framework, the revised threads, the replacement of Performance Improvement Areas (PIAs) and the three new groups (*new, amended, and re-structured modules*).

2.2 The sixth Edition of the Global Air Navigation Plan (GANP) in conjunction with the updated ASBU framework available on the ICAO GANP Portal<sup>1</sup> generated the need for the amendment of the regional priorities for ASBU implementation to align them to the amended ASBU elements.

2.3 Under its decision 25/13, the APIRG/25 meeting urged States to promote the implementation of the ASBUs elements and aligned the APIRG Projects with the groups, threads, and elements of the GANP 6<sup>th</sup> edition, applicable to the Region.

2.4 Therefore, the implementation of the ASBUs elements related to CNS, MET and AIM is achieved through the implementation of national or regional projects. The Secretariat has been collecting data on the status of the implementation of CNS, MET and AIM ASBU applicable elements from Administrations and Organizations.

2.5 The absence of automated system resulting in the unavailability of data/information on the implementation by the States does not allow to have an accurate picture of the situation. Nevertheless, the few data collected provide a first overview of the implementation of the ASBU elements in the region. **Appendix A** to this paper summarized the status of implementation.

2.6 The meeting may recall the Conclusion 25/11 of APIRG/25 meeting calling for States to provide ASBU implementation data by filling up the Excel tool developed by the Secretariat.

2.7 The ongoing finalization of Volume III of the e-ANP and its possible automation will enable Administration/Organizations to directly upload the status of implementation in the tables designed for this purpose.

## 3. ACTIONS BY THE MEETING

3.1 The meeting is invited to:

- a) Note the information provided in this working paper.
- b) Review and consider the draft conclusion formulated in the WP3.1B calling the Secretariat the development of the online platform.

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