



INTERNATIONAL CIVIL AVIATION ORGANIZATION

Meeting of the 1st APIRG Infrastructure and Information Management Sub-Group (IIM/SG)
(Nairobi, Kenya, 27 to 30 June 2017)

Agenda Item 4: Planning and implementation

4.3 Aeronautical Communication, Navigation Surveillance and Spectrum Infrastructure and Systems

4.3.4 Planning and implementation of AFI Regional Aeronautical Navigation Projects

(Presented by the Secretariat)

SUMMARY	
<p>In its 20th meeting, APIRG adopted its new structure which the included the Infrastructure and Information management Sub-Group (IIM/SG). The IIM/SG comprises AIM, CNS and MET technical Areas.</p>	
<p>References :</p> <ul style="list-style-type: none"> ▪ Doc 9750, <i>Global Air Navigation Plan</i> ▪ Doc 7474, <i>Air Navigation Plan — Africa-Indian Ocean Region</i> ▪ Report of AFI/RAN 7th meeting ▪ Report of SP AFI/RAN 8 Meeting ▪ Report on APIRG Meetings ▪ Report on the meeting for the establishment of the APIRG IIM Sub Group 	
Strategic Objectives	<p>Related ICAO Strategic Objective(s): A – Safety, B – Air Navigation Capacity and Efficiency, D – Economic Development of Air Transport, and E – Environmental Protection.</p> <p>Related ASBU KPIs & B0 Modules: All applicable to AIM, CNS and MET</p>

1. Introduction

1.1. In its 20th meeting, APIRG adopted its new structure under project management approach. The new structure included the Infrastructure and Information management Sub-Group (IIM/SG) made up of MET, CNS and AIM technical Areas.

1.2. Through APIRG Conclusion 20/49, the set of projects identified by previous APIRG sub groups were adopted and made applicable to the IIM/SG by the APIRG Projects and coordination committee in its first meeting held in Nairobi from 30-31 January 2017 which also formally dissolved the previously sub groups through Decision 1/01.

1.3. The meeting will recall that the former APIRG Sub-groups, before disbandment, had identified an initial set of projects, based on the ICAO Aviation System Block Upgrade (ASBU) Modules and the regional

performance objectives adopted by APIRG.

1.4. The meeting will recall that APIRG 20 meeting agreed that a Project Team may carry out one or more projects and that, based on the nature of a project, the meeting may decide that the team responsible for the project should report directly to the Group rather than to the Sub-Group.

1. Discussion

- 1.1. In this regard, in order to carry out the work of the Sub-Groups, 'projects' will be identified by the Group, to be executed by 'Teams' of experts and Champions reporting to the Sub-Groups. Project Teams shall elect from among them, Project Team Coordinators (PTCs) who shall facilitate and coordinate the activities including deliberations of the Project Teams and report to the Sub-Groups.
- 1.2. Each Project Team will be supported by a Facilitator designated by the Secretary of APIRG from among members of the ICAO Secretariat. Additional members of the Secretariat may be assigned to support Sub-Groups as necessary.
- 1.3. The Projects will be derived from the ASBU Modules and the agreed regional performance objectives. A Project Team may carry out one or more projects. Furthermore, based on the nature of a project, the Group may decide that the team responsible for the project should report directly to Group rather than the Sub-Group.
- 1.4. With regard to Navigation, APIRG 20 meeting adopted the implementation of Conventional Nav'Aids and GNSS (Core and Augmented) aimed at enabling the implementation of PBN.
- 1.5. BO-NAV module were identified by APIRG 20 meeting, alongside other 4 Modules, as those that provide substantial contribution towards global interoperability, safety and regularity, thus categorized as **Essential (E)**. APIRG 20 also concluded that States/Organizations who have undertaken studies and trials on GNSS should share their results to inform the impact analysis of an AFI GNSS/SBAS to be completed pursuant to APIRG Conclusion 19/29, covering operational, technical, environmental and economic aspects for this GNSS augmentation system.
- 1.6. Details on the project are at **Appendix** to this working paper.

3. Action by the Meeting

- 3.1 The meeting is invited to:
 - a) Note the information provided in this paper;
 - b) Review the identified regional projects
 - c) Take action as necessary in light of the discussion in this working paper, to facilitate implementation

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