



ICAO

**INTERNATIONAL CIVIL AVIATION ORGANIZATION
Western and Central African Office**

**Establishment of the APIRG Information and Infrastructure Management
Sub-Group (IIM/SG)**

Dakar, Senegal, 28 – 30 November 2016

**Agenda Item 4: Establishment and Operationalization of the APIRG IIM Sub-group
4.1 Project based approach**

PROJECT BASED APPROACH OF APIRG

(Presented by the Secretariat)

SUMMARY

This paper recalls the Projects approach adopted by the APIRG extraordinary meeting and reviews the mechanisms for the IIM projects identification and implementation.

The action by the Meeting is in paragraph 3.

References: APIRG extraordinary Meeting.

1. **Introduction**

1.1 The Information and Infrastructure Management Subgroup (IIM/SG) will recall that the Twelfth Air Navigation Conference (AN-Conf/12) under Recommendation 6/1–*Regional performance framework–planning methodologies and tools*, inter alia, requested States and PIRGs to focus on implementing the ICAO Aviation System Block Upgrades (ASBUs) Block0 Modules according to their operational requirements, recognizing that these modules were ready for deployment.

1.2 In view of the above, at its 19th Meeting, the AFI Planning and Implementation Regional Group (APIRG) discussed the alignment of the Regional Air Navigation System Implementation Plan with the ASBU Methodology. In this regard, the APIRG/19 Meeting agreed that, within the ASBU framework, due consideration should be given to planning, implementation, monitoring and reporting aspects. Furthermore, project management principles should be applied by the APIRG and contributory bodies for ASBUs, as necessary. Accordingly the APIRG/19 Meeting had agreed on Decision 19/48: *Re-organization of APIRG*.

1.3 This paper recalls the Project approach adopted by the APIRG extraordinary (APIRG/EO) meeting and reviews the mechanisms for the identification and implementation of the IIM projects described in the APIRG Procedural Handbook.

2. DISCUSSIONS

2.1 The APIRG/EO meeting agreed to derive the projects 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 to carry it out should report to the Group rather than the Sub-Group. In this regard, APIRG/EO Meeting decided that “*projects be identified from ASBU modules and regional performance objectives adopted by APIRG, to be carried out by teams of experts provided by States and concerned international organizations*” as per item d) of Decision EO/01 of APIRG/EO.

2.2 APIRG was also mindful that consistent with GANP, where applicable, in defining the scope of projects, consideration will be given to the concept of homogeneous ATM areas or major traffic flows/routing areas as established by the APIRG. In the same vein, a project involving a few FIRs may be identified in the context of addressing seamlessness of a specific area of routing.

2.3 The Group recognized that many Projects may not necessitate physical meetings, but may carry out their tasks through electronic correspondence and other media such as teleconferences. Similarly, even in those Projects where physical meeting will be necessary, more work should be carried out through electronic media, in order to reduce the costs. This aspect is to be highlighted in the APIRG Procedural Handbook.

2.4 In view of the above, APIRG/20 Meeting noted that APIRG Sub-groups 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.

2.5 In this regard, the APIRG/20 meeting adopted the initial set of projects identified by APIRG Sub-groups through Conclusion 20/49 of APIRG/20 Meeting. The projects identified in the scope of the IIM/SG are listed in the following Appendices of the APIRG/20 report:

- ✓ Appendix 4.4.8C: two MET Projects;
- ✓ Appendix 4.4.8D1: CNS Projects – Communications;
- ✓ Appendix 4.4.8D2: CNS Projects - Navigation and Others;
- ✓ Appendix 4.4.8D3: CNS Projects – Surveillance;
- ✓ Appendix 4.4.8E1: AIM Projects;
- ✓ Appendix 4.4.8E2: AIM Projects; and
- ✓ Appendix 4.4.8E3: AIM Projects.

2.6 Project Management Approach and Project identification and Approval are defined in the APIRG Procedural Handbook as follows:

“Project management approach - Projects and Project Teams

In order to carry out the work of the Sub-Groups, ‘projects’ will be identified to be executed by ‘teams’ of subject matter experts and champions reporting to the Sub-Groups. In certain circumstances, APIRG may, as it deems necessary, agree on a Project Team that does not report to a Sub-Group, but to the Group itself through the APCC.

Projects-identification and approval

APIRG, its contributory bodies, ICAO Secretariat, States or the civil aviation industry through its representative bodies, may propose a project or activity to be carried as a project within the

framework of APIRG. All project proposals shall be subject to approval by APIRG. However, under certain circumstances, and in order to avoid unnecessary delays in activities with critical time implications, the APCC may, with the guidance of the ICAO Secretariat, endorse a project on behalf of APIRG.

Project proposals submitted to APIRG for approval shall be formulated on a Project Definition Template (which is not yet developed).

Note:

Where applicable, in defining the scope of projects, consideration will be given to concept of homogeneous ATM areas or major traffic flows/routing areas as established in the GANP

Activities being carried out by various APIRG contributory bodies prior to the reorganization of APIRG and its working methods pursuant to Decision 19/48, shall, as soon as practicable be transformed into project formulated in terms of the Project Definition Template for review by APIRG. “

2.7 Project Teams are defined in the APIRG Procedural Handbook as follows:

“Project Teams

Project teams shall be composed of subject matter experts possessing the qualifications and experience required in the specific projects to which they are nominated and be familiar with the areas under consideration. States and organizations identified by APIRG will nominate specific officials to the project teams, providing information on nominee’s qualifications and experience (i.e. CV), to enable the teams to optimally take advantage of the expertise availed to them. The number of experts in a project team will be determined by the requirements of the project.

ICAO Contracting States not included under paragraph 3 (Composition), as well as aviation industry organizations other than APIRG observer members may, with the concurrence of the Chairman and Secretary of APIRG, be invited to contribute to the work undertaken on specific projects of APIRG, with expertise and/or specialized tools.

Cognizant that not all AFI States will be members or participants in the activities of Project Teams, members of the teams will be expected to participate as professionals with expert contributions to the project, as opposed to representatives of their individual States or organizations.

Project Teams shall automatically be dissolved at the end of the given period, end of project or delivery of a project’s final results, unless APIRG directly or through the APCC expressly decides otherwise.

Project Teams shall elect from among them, Project Team Coordinators (PTCs) who shall coordinate the team activities and report progress to the Sub-Groups or the Group as necessary.

Project Teams will be supported by Facilitators designated by the Secretary of APIRG from among members of the ICAO Secretariat. In addition, the Secretary of APIRG may assign other members of the Secretariat to support the Project Teams as necessary.”

2.8 The APIRG/20 Meeting further agreed that “*many Projects may not necessitate physical Meetings, but may carry out their tasks through electronic correspondence and other media such as teleconferences. Similarly, even in those projects where physical Meeting will be necessary, more work should be carried out through electronic media, in order to reduce the costs. This aspect is reflected in the revised APIRG Procedural Handbook*”.

2.9 In view of the information provide in paragraphs 2.5 to 2.8 above the Subgroup may wish to agree to formulate the following draft Decision to specify the mechanism of implementation of the defined project in paragraph 2.7.

Draft Decision 1/xx: Mechanism of implementation of the IIM/SG Projects

That

- a) **The following seven (7) project teams will be established for the implementation of the identified IIM/SG projects:**
 - 1) **Two MET project teams coordinated by two MET Project Team Coordinators (PTCs) and facilitated by two MET Regional Officers from ESAF and WACAF as Facilitators;**
 - 2) **Two CNS project teams coordinated by three CNS PTCs and facilitated by two CNS Regional Officers from ESAF and WACAF as Facilitators;**
 - 3) **Two AIM project teams coordinated by three AIM PTCs and facilitated by two AIM Regional Officers from ESAF and WACAF as Facilitators;**
 - 4) **One AIM/MET/CNS project team coordinated by one PTC and facilitated by the Secretary of the IIM/SG;**
- b) **As reflected in the revised APIRG Procedural Handbook, each project teams:**
 - 1) **is composed of five Team subject Experts from States;**
 - 2) **will carry out its tasks through electronic correspondence and teleconferences, except those defined by the IIM/SG which may meet physically; and**
- c) **The PTCs as Project Champions will report to the IIM/SG.**

3. CONCLUSIONS

3.1 The IIM/SG is invited to:

- a) Note the information provided in this paper ; and
- b) decide on the draft Decisions proposed for the Sub-Group’s consideration.