

INTERNATIONAL CIVIL AVIATION ORGANIZATION

Fourth Meeting of the APIRG Infrastructure and Information Management Sub-Group (IIM/SG4)

(Virtual, 31st of august -03rd september2021)

Agenda Item 4: Update on the *Status of implementation of Projects*

WP4.2G - Progress report of IIM SG Navigation project “Implementation of conventional Navaids and GNSS (Core and Augmented) aimed at enabling the implementation of PBN”

(Presented by Cameroon)

SUMMARY
<p>This working paper outlines the progress of IIM SG NAV project “Implementation of conventional Navaids and GNSS (Core and Augmented) aimed at enabling the implementation of PBN” and the challenges encountered so far.</p> <p>Action by the meeting in paragraph 3</p>
<p>REFERENCE(S):</p> <ul style="list-style-type: none"> ▪ Global Air Navigation Plan (GANP) ▪ Annex 10 volume 1 ▪ Annex 11 ▪ Manual on testing of navigation aids Doc 8071 ▪ GNSS manual Doc 9849
<p>KPIS and concerned ASBU B0 Modules: All applicable to CNS and Spectrum.</p>










1. INTRODUCTION

1.1 The IIM SG NAV Project was launched end 2017 to accompany and assist States in the implementation of:

- Aeronautical Navigation systems (VOR, DME, ILS), and
- Global Navigation Satellite Systems,

In accordance with the provisions of the above reference documents.

1.2 The project team is composed of subject matter experts and delegates from AFI States and organizations:

								
Cameroon	Côte d'Ivoire	Senegal	Uganda	Mauritania	Kenya	South Africa		

1.3 This paper provides the progress made by the IIM SG Nav project team. It elaborates the achievements, challenges encountered by the team, possible recommendations.

2. DISCUSSIONS

2.1 Scope

2.1.1 The objectives of the IIM NAV project are to follow up the implementation status of Conventional Navaids and GNSS by assessing:

- the status of implementation of En-route and approach and landing Navigational Aids (VOR, DME, ILS).
- the average availability of these Navigational aids
- the status of development and promulgation of national regulation on GNSS
- the status of implementation of augmented GNSS systems on aerodromes in the AFI Region,
- the extend of implementation of GNSS onboard fleets serving the AFI region.

2.2 **Actions conducted** (*Key achievements*)

2.2.1 **Project documentation**

2.2.1.1 All project initiation/planning documentations (Project Description, Terms of Reference, and Organization/Plan), initiated in 2019, have been updated in 2021, but still pending reviews and validation by the project team members.

2.2.1.2 The project questionnaire sent out in October 2020 has been updated and is pending review and validation by the project team members.

2.2.2 **Assessment of the status of implementation of conventional navigational aids in the AFI region** (*project baseline questionnaires*)

2.2.2.1 The assessment of the status of implementation of conventional navigational aids and GNSS core and augmented is yet pending States feedback.

2.3 **The way forward** (*Outlook for the next reporting period*)

2.3.1 **Goal 1: “reconstitute the project team”:**

2.3.1.1 Updated project documentation is pending validation due to team members unavailability and insufficient implication in the affairs of the project.

2.3.1.2 Project meetings have been convened and failed to hold a couple of times due to unannounced absence of most of the project team member. This is making the project to stagnate.

2.3.1.3 There is therefore the need to reconstitute the project team membership for an effective continuation of the project team activities.

2.3.2 **Goal 2: “Review and validate the project initiation documentation” by the end of the second semester 2021”**

2.3.2.1 The reconstituted project team will have to review and submit the project initiation documentation to the IIM SG before the end of the second semester.

2.3.2.2 Update the project planning for an effective continuation from the January 2022.

2.3.3 **Goal 3: “Submit the reviewed project questionnaire to the IIM SG for distribution to States” by the end of the second semester 2021 and expect feedbacks for analysis from the beginning o 2022**

2.4 **Challenges**

The main challenge has been the unavailability of NAV project team members for project meetings.

3. **ACTIONS BY THE MEETING**

3.1 The meeting is invited to take note of the information in this paper with particular attention to the project membership availability challenge.

3.2 **Draft Conclusion /Decision 4/xx: Reconstituting the NAV project team**

That.

1. Cameroon is willing to continue with the coordination of the NAV project
2. The IIM SG puts out a call for membership of the NAV project.
3. The IIM SG Secretariat follows up the reconstituted NAV project team to make sure that initiation project documentation is reviewed and submitted before the end of the second semester 2021
4. The Secretariat will distribute anew the reviewed NAV project questionnaire and encourage States to provide the necessary feedback for the seamless continuation of the Nav project.