

SIXTH MEETING OF THE APIRG INFORMATION AND INFRASTRUCTURE MANAGEMENT

SUB-GROUP (IIM/SG6)

31 July to 03 august 2023

Implementation of conventional Navaids,,, and GNSS (Core and Augmented) aimed at enabling the implementation of PBN

NFONGANG Gerald ETTA, Cameroon

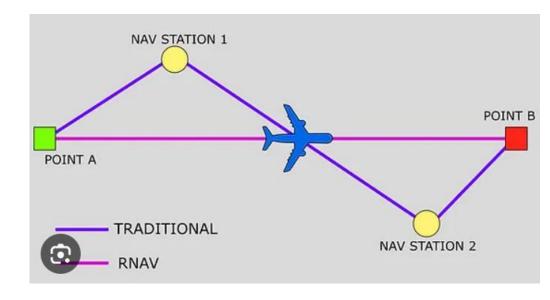
Headline



Introduction

The objectives of the navigation project is to assist States in the implementation of Aeronautical Navigation Service by the effective implementation of:

- Aeronautical conventional Radio Navigation Systems (VOR, DME ILS);
- Global Navigation Satellite systems (GNSS core and augmented).

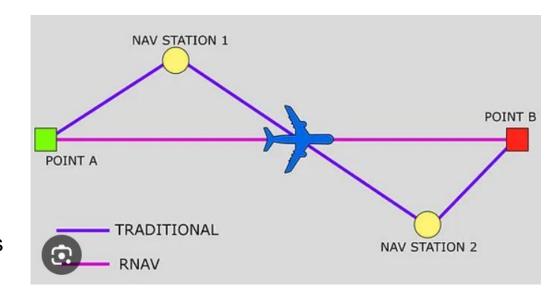




Introduction

By capturing data with which to:

- Measure the rate of implementation of conventional navaids w.r.t the ANP
- Determine the operational status of these navaids (operational availability)
- Determine the extent of development of GNSS regulations in the region (Number of FIRs with regulation)
- Determine the status of implementation of augmented of **GNSS**



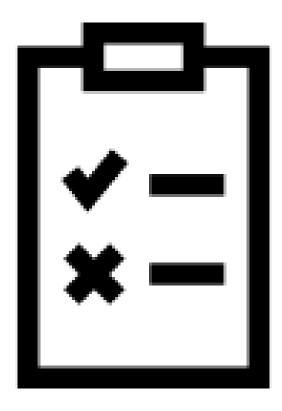
Project documentation

- Project terms of reference
- \checkmark

- Project questionnaire



- Project organisation : Revision in progress
- Project costing : in progress



Achievements

Project team reconstitution

Initially

- Cameroon
- Côte d'Ivoire
- Senegal
- Kenya
- Mauritania
- South Africa
- Uganda
- Ghana
- IATA
- ASECNA

<u>Now</u>

- Cameroon
- Gabon
- Equatorial Guinea
- Burkina Faso
- Kenya
- Mauritania
- South Africa
- Uganda
- SATNAV Africa JPO
- ASECNA





Achievements

Successful conduct of a series of meetings since March 2023

- Difficulty with attendance
- Deviation from the article on the quorum in our terms of reference with justification from the procedural handbook.
 - * Update team members list
 - * Attempted data collection from frequency finder (X



* Attempted data collection from State AIPs with the

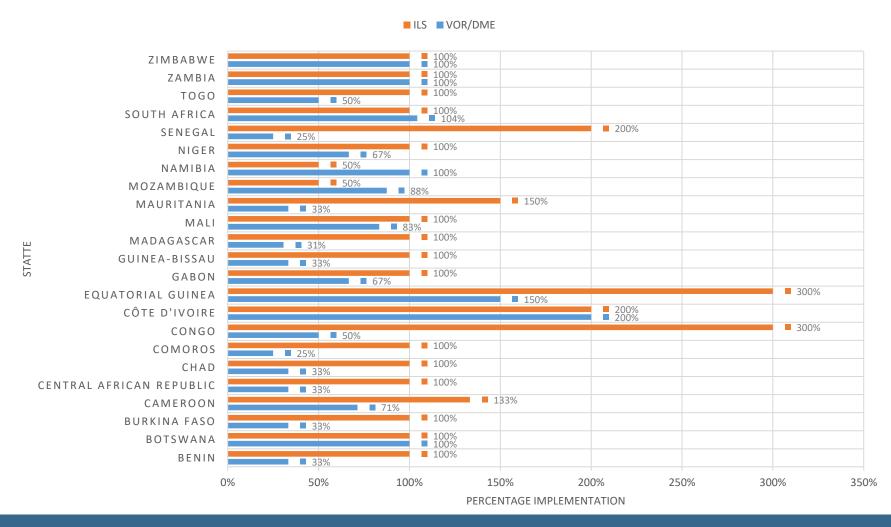
following observaions

Achievements

- We could only access some States
- The data is not necessarily up to date
- Operational availability is not easily traced
- Little or no GNSS data



PERCENTAGE IMPLEMENTATION NAVAIDS



Challenges

- Unavailability of reliable data which we believe only States can provide.
- Team members not showing up (hopefully resolved, going forward)







