



Surveillance project of IIM/SG

Progress Report

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Presentation outline

1. Introduction

2 Discussion

- 2.1 Scope
- 2.2 Actions undertaken
- 2.3 Challenges and solutions
- 2.4 Way forward

3 Action by the meeting

- 3.1 The meeting is invited to.....
- 3.2 Draft Conclusion/Decision
- That :
-



INTRODUCTION/PURPOSE

1. Provides the progress made by the Surveillance project of IIM SG .
2. Elaborate the main progress made, challenges encountered by the team and possible recommendations



Surveillance Project : Objectives

In the framework of the technologies Roadmap for Surveillance defined in the GANP and AFI strategy, the objectives of the Surveillance project team were to, assist States in the implementation of:

01

Secondary Surveillance Radar Mode S (SSR) in accordance with the operational requirements of Annex 11, Air Traffic Service, Doc 4444 Procedures for air Navigation services and the provision of Annex 10 Volume IV and its supporting Documents

02

Automatic Dependent Surveillance Contract (ADS-C)

03

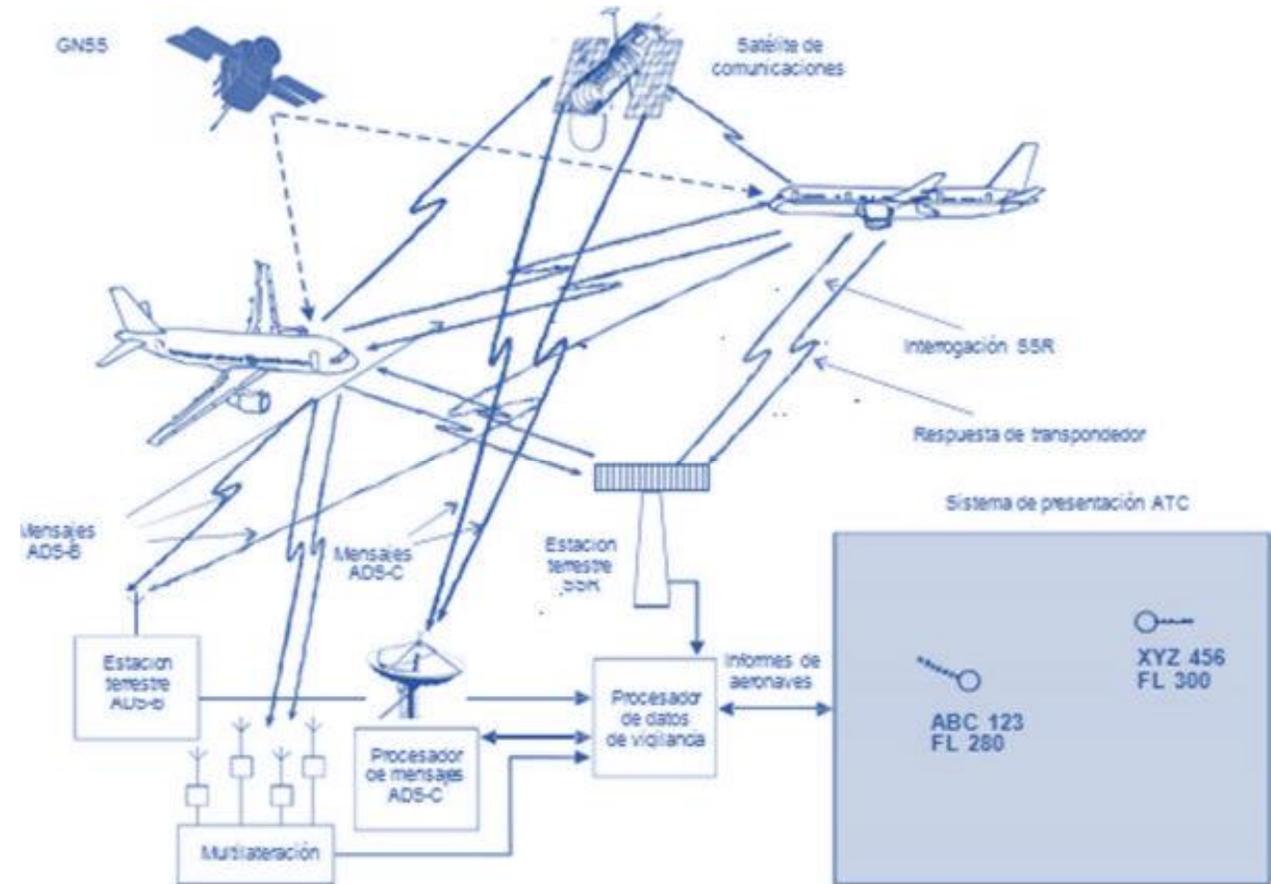
Automatic Dependent Surveillance Broadcast (ADS-B) ground and space-based as well as Multilateration (MLAT)

04

Surveillance Data Sharing.

2.1 Scope

- Project scope
 - The provision of Air Traffic Surveillance to cover all areas of routing and homogeneous traffic flow in the AFI Region in all Centers involved in the provision of Air Navigation Service for International Civil Aviation.



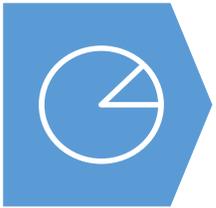


2.2 Actions undertaken

Project organization

- The surveillance project team consists of the following members: **Ghana, Cote d’Ivoire, ASECNA, Cameroon, IATA, South Africa/ATNS, Seychelles and Kenya.**
- The project team’s activities have been conducted mainly by electronic mail and telephone exchanges and other platforms such as zoom and Microsoft Teams.
- The project team holds monthly meetings to follow up on project made and develop strategies for completing outstanding deliverables.

2.2 Actions undertaken -contd



DEVELOPMENT OF SURVEILLANCE QUESTIONNAIRE

1. The project baseline questionnaire developed by the team to to establish a baseline for work.
2. The questionnaire would among others enable us gather information on the deployed surveillance infrastructure, i.e. Radar, ground-based ADS-B, ADS-C and Multilateration/WAMLAT and assist in the identification of the availability and reliability of these systems in the region as well as access the possibility of sharing surveillance data.



PROJECT DOCUMENTATION/REFERENCE DOCUMENT-LIST AND REVIEW ALL DOCUMENTS RELEVANT TO SURVEILLANCE

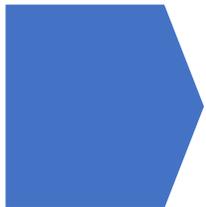
1. All the relevant documents and guidance material for the team's work, compiled by the team to provide a quick reference on all issues related to the work of the team.
2. A repository crated on Microsoft Teams to allow project members access to the reference documents as well as all other project documents

2.2 Actions undertaken contd



LINKAGE BETWEEN THE SURVEILLANCE PROJECT AND OTHER APIRG PROJECTS

1. A dedicated team had been task to identify the linkages between the surveillance project and other projects in both the IIM and the AAO projects.
2. This activity has been carried out successfully by the project team.



REVIEW OF AFI SURVEILLANCE STRATEGY DOCUMENT

1. A team is put in place to review the existing AFI strategy document and would report when this activity is completed.

2.3 Challenges

- Responses to questionnaires have greatly delayed
- Lack of active participation of members
- Conflict of Virtual meetings resulting in inadequate participation from members.

2.4 The Way forward



Conduct a survey of ADS-B
ES aircraft equipage
among the fleet in the AFI
Region
(in coordination with IATA)



Review the AFI
Surveillance
strategy

Analyse Project
questionnaire



Develop the
Project cost
estimation





The meeting is invited to :

- a) Take note of the information provided in this paper.
- b) Encourage states/ANSPs to kindly provide responses to the questionnaire as soon as possible for the team to make progress.
- c) Request ICAO (ESAF and WACAF) regional offices to assist in circulating and receiving the questionnaires from all possible respondents.



Draft Conclusion /Decision 4/xx : Title of Conclusion/Decision

That.

- States respond to the survey questionnaire and continuously take the necessary measures to ensure effective and active participation of their experts in the APIRG IIM Project activities.



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and Caribbean
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Mexico City

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(SAM) Office
Lima

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Headquarters
Montréal

Western and
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(WACAF) Office
Dakar

European and
North Atlantic
(EUR/NAT) Office
Paris

Middle East
(MID) Office
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THANK YOU