



INTERNATIONAL CIVIL AVIATION ORGANIZATION
Western and Central Africa Office
Second Meeting of the
AFI Aeronautical Surveillance Implementation Task Force
(AS/I/TF/2)
(Dakar, Senegal, 22 to 24 June 2011)

Agenda Item 4: *Report on the AFI Aeronautical Surveillance Workshop*

(Presented by the Secretariat)

Summary
This Working Paper presents the report of the AFI Aeronautical Surveillance Workshop held in Dakar from 20 to 21 June 2011
Reference
Report of the second AFI Aeronautical Surveillance Workshop Dakar 20-21 June 2011
Action by the meeting is at Paragraph 3.
This Working Paper is linked to ICAO strategic objectives A & C.

1. Introduction

The second AFI Regional Aeronautical Surveillance Workshop was held in d Dakar, Senegal from 20 to 21 June 2011 at the conference room of the Agence pour la Sécurité de la Navigation Aérienne en Afrique et à Madagascar (ASECNA).

2. Discussion

2.1 The meeting discussed the working papers and the presentations provided by the States, the secretariat (ICAO, AFI Air Navigation Service Providers (ASECNA, ATNS, GCAA), users (IATA) and representative of the industry (Thales and Selex)

2.2 After its deliberation, the meeting adopted height recommendation to be considered by the Second Meeting of the AFI surveillance implementation Task Force as presented in **Appendix**.

3. . Action by the meetings

The meeting is invited to:

- a) Consider the recommendation of the workshop and,
- b) Take accordingly, if necessary the conclusion and decision driven from the deliberation of the workshop s

Appendix

. Summary of Recommendations of the second regional AFI Aeronautical Surveillance Workshop

Number	Title
Agenda Item 1	Overview of the evolution of the Aeronautical Surveillance systems
Recommendation 2/01	Separation criteria to design Surveillance facilities That, considering the role of surveillance facilities functionalities to complement Performance Base Navigation AFI States ensure that all the relevant operational requirement for the future ATM system are taken into consideration when planning designing and implementing surveillance systems.
Agenda Item 2	Summary of relevant activities of ICAO Aeronautical Surveillance Panel (developments and provisions)
Recommendation 2/02	Participation to the Global Air Navigation Technology Forum (GANTF) That, AFI States/Organizations should endeavor to participate and /or contribute to the GANTF in September 2011 and develop relevant submissions to be presented to the 12 th Air Navigation Conference. <i>(to address CNS/SG/4)</i>
Agenda Item 3	Overview of Primary and Secondary Surveillance Radars
Recommendation 2/03	Harmonization of Modes S Secondary Implementation in AFI Region <i>That in accordance with interoperability requirements States/Organisation consider the harmonization of the implementation of Mode S Secondary Surveillance Radars in AFI Region. (to be discussed during the TF) (to be addressed in the AFI Surveillance table XX)</i>
Agenda Item 4	Overview of ADS- Contract
Recommendation 2/04	Survey on ADS-C operation That, based on the increasing pace of implementation of ADS-C within the AFI Region States/organizations should assess the required service performance level and report to ICAO regional Offices <i>(State should anticipate the collection of ADS C availability data in view of the survey to be conducted by IATA in 2012 see APANPIRG outcomes on ADS C monitoring)</i>
Agenda Item 5	Basic ADS-B Concept and applications
	NIL
Agenda Item 6	Fundamentals of Multilateration Systems
	NIL
Agenda Item 7	Aeronautical Surveillance data distribution and exchange
Recommendation 2/05	Interconnection between Surveillance systems That AFI States/Organizations, develop and harmonize scheme for aeronautical surveillance data distribution and exchange interconnection and interoperability within AFI region and between AFI and other ICAO neighbouring Regions. <i>(to address CNS/SG meeting)</i>
Agenda Item 8	Trials and Implementations in ICAO AFI & with ICAO other Regions
Recommendation 2/06	That in order to ensure interoperability and interconnection of surveillance systems Sates

Number	Title
	/Organization should conduct trials based on MoU and share the results for the update of AFI Surveillance Plan . (Can be addressed by APIRG)
Agenda Item 9	Comparison of Surveillance Technologies
	NIL
Agenda Item 10	Roadmap for Aeronautical Surveillance from users perspective
Recommandation 2/07	User consultation That, State s/Organizations should reinforce the consultation with the users prior to implementing new surveillance solution taking due cognizance of the AFI Surveillance implementation Plan.(to be address to APIRG)
Agenda Item 11	Any other business
Recommandation 21/08	Cost Benefit Analysis That, a detailed CBA should form part of any surveillance solution decision making process.(to be address to APIRG)