



INTERNATIONAL CIVIL AVIATION ORGANIZATION

Fourth Meeting of the APIRG Communications, Navigation and Surveillance Sub-group
(Dakar, Senegal, 25-29 July 2011)

Agenda Item 5: Aeronautical Mobile Service (AMS)

**Review of the implementation status and performance of the aeronautical mobile service,
and identification of deficiencies and remedial action**

(Presented by the Secretariat)

SUMMARY
This paper examines the status of implementation of AMS facilities in the AFI Region and identifies deficiencies and corrective measures for their elimination.
Action to be taken is at paragraph 3.
References: <ul style="list-style-type: none">• APIRG/17 Report• Input from States
ICAO Strategic Objectives: A and C.

1. Introduction

1.1 . This paper reviews the current status of AMS and related deficiencies in the AFI Region. The information in this paper is from AMS deficiency report from APIRG/17 and updated information from States.

2. Discussion

2.1. **Appendix** to this paper contains the updated list of the deficiencies affecting the aeronautical mobile service in the Region.

2.2 Table below provides the number of deficiencies for each type of navigational aid:

3. Action by the CNS Sub-group

3.1 The CNS Sub-group is invited to:

- Take note of the information provided in this paper;
- Review and update the **Appendix to this paper** (as required);
- Urge States concerned to endeavor to implement any available remedial solutions as soon as possible;
- Formulate any conclusion aimed at improving AMS efficiency in the AFI Region.

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Appendix:

LIST OF DEFICIENCIES IN THE AIR NAVIGATION FIELDS AMS

State Name	Requirements	Facilities or Services	Description of Deficiency	Date first reported	Comments on Deficiency	Description of Corrective action	Executing Body	Target date for implementation	Priority
Angola	AMS AFI/7 Rec. 9/12	Luanda FIC	Inadequate VHF coverage of busy ATS routes	1998	Implement remote VHF stations	5 VHF stations to be installed	ENANA		U
	AMS AFI/7 Rec. 9/12	Luanda FIC	HF poor quality and unavailable in oceanic area	2004	Improve facilities	Install adequate equipment	ENANA		U
Congo	AMS AFI/7 Rec. 9/12	Brazzaville FIC	Inadequate VHF Coverage	2009	Improve facilities	Extension VHF coverage in progress	ASECNA	2011	U
Chad	AMS AFI/7 Rec. 9/12	N'Djamena FIR	Inadequate VHF Coverage	2009	Improve facilities	Extension VHF coverage in progress	ASECNA	2011	U
Dem. Rep. of Congo	AMS AFI/7 Rec. 9/12	Kinshasa FIR	Inadequate VHF coverage of busy ATS routes	1998	Improve facilities	Extension VHF coverage in progress	DR Congo	2011	U
	AMS AFI/7 Rec. 9/12	Kinshasa FIR	HF poor quality Selcal not available	1998	FIC Kinshasa OP> April 2005	New installed equipment to be restored	DR Congo	2011	U
Libya	AMS AFI/7 Rec. 9/12	Kinshasa FIR	Inadequate VHF coverage of busy ATS routes	2004	Implement remote VHF stations		Libya		U
Malawi	AMS AFI/7 Rec. 9/12	FIR Lilongwe	VHF coverage incomplete	2001	Install additional VHF relay stations at Muzuzu and Zomba	Extension VHF coverage in progress. Equipment in place	Malawi		U
Nigeria	AMS AFI/7 Rec. 9/12	Kano FIR	Inadequate VHF Coverage	2009	Improve facilities	Extension VHF coverage in progress	NAMA	2011	U
Somalia	AMS AFI/7 Rec. 9/12	Mogadishu ACC	Lack of VHF coverage of busy ATS ROUTES	1998	Implement remote VHF stations	Install VHF relays	Somalia		U
