



INTERNATIONAL CIVIL AVIATION ORGANIZATION

Third Meeting of the APIRG Communications, Navigation and Surveillance Sub-Group (Nairobi, 26-30 April 2010)

Agenda Item 4: Aeronautical Fixed Service (AFS)

- Review of the implementation and performance of the ATS/DS Circuits in the AFI Region, identification of deficiencies and remedial action for their elimination

(Presented by the Secretariat)

SUMMARY
This paper reviews the status of implementation and the performance of ATS/DS circuits. Action by the meeting is at paragraph 3.
REFERENCE: CNS/SG2, APIRG/16, SFRAN

1. INTRODUCTION

1.1 With the Implementation of all VSAT networks, 95% of ATS/DS circuits have been implemented and only few circuits are not implemented.

2. DISCUSSION

2.1 The following Circuits are implemented but are not operational due to non technical reasons:

Addis Ababa /Asmara
Kinshasa/Kigali
Bujumbura /Kinshasa

2.2 The following circuits have been Implemented but are deficient:-

Accra/Kano
Accra/ Libreville
Accra/ Brazzaville

2.3 The following Circuits are still pending not implemented: -

Luanda/Atlantico
Goma/Kigali
Goma/Bujumbura
Bukavu/Kigali
Algiers/ Tripoli (to be confirmed)

Appendix A to this paper is the list of deficiencies in ATS/DS field.

3. ACTION TO BE TAKEN BY THE MEETING

3.1 The meeting is invited to:

- a) take note of the information above;
- b) update Appendix A attached to this working paper;
- c) in the interest of air safety States involved with Ethiopia, Eretria, D.R.Congo, Burundi and Rwanda should activate the ATS/DS circuits.
- d) Ghana, Nigeria and ASECNA to repair the faulty circuits; and
- e) Angola, R D Congo, Rwanda, and Algerian are urged to implement the pending circuits.

Appendix A

LIST OF DEFICIENCIES IN THE AIR NAVIGATION FIELDS

ATS DIRECT SPEECH

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
Algeria	ATS Direct Speech Circuits Plan, AFI/7 Rec. 9/9	Algiers ACC-FIC	Circuit Algiers/Tripoli	1998		Implement LTF circuit	Algeria, Libya		U
Burundi	ATS Direct Speech Circuits Plan, AFI/7 Rec. 9/9	Bujumbura APP	Circuit/ Bujumbura/Kinshasa	1998	Not operational	VSAT implemented at Bujumbura and Kinshasa	Burundi, DR Congo		A
Dem. Rep. of Congo	ATS Direct Speech Circuits Plan, AFI/7 Rec. 9/9	Bukavu TWR	Circuit Bukavu/Kigali	1996	Not implemented		DR Congo, Rwanda		A
	ATS Direct Speech Circuits Plan, AFI/7 Rec. 9/9	Kinshasa	Circuit Brazzaville/Kinshasa				DRC ASECNA		A
	ATS Direct Speech Circuits Plan, AFI/7 Rec. 9/9	Gbadolite TWR	Circuit Gbadolite/Bangui	2002	Not implemented	Could be implemented via Brazzaville if a circuit Kinshasa/Gbadolite is available.	DR Congo, ASECNA		A
	ATS Direct Speech Circuits Plan, AFI/7 Rec. 9/9	Goma APP	Circuit Goma/Bujumbura	1998	Not implemented		DR Congo, Burundi		A
	ATS Direct Speech Circuits Plan, AFI/7 Rec. 9/9	Goma APP	Circuit Goma/Kigali	1998	Not implemented		DR Congo, Rwanda		A
Eritrea	ATS Direct Speech Circuits Plan, AFI/7 Rec. 9/9	Asmara ACC	Circuit Asmara/ Addis Ababa	1998	The circuit has been disconnected	To be restored. NAFISAT	Eritrea, Ethiopia	2007	U
Ethiopia	ATS Direct Speech Circuits Plan, AFI/7 Rec. 9/9	Addis Ababa ACC/FIC	Circuit Addis Ababa/ Asmara	1998	The circuit has been disconnected	To be restored. NAFISAT	Ethiopia, Eritrea	2007	U

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
Ghana	ATS Direct Speech Circuits Plan, AFI/7 Rec. 9/9	Accra ACC	Circuit Accra/Kano	2009	Unserviceable	To be restored AFISNET	Ghana Nigeria		A
Congo	ATS Direct Speech Circuits Plan, AFI/7 Rec. 9/9	Brazzaville ACC	Circuit Accra/Brazzaville		Unserviceable	To be restored AFISNET	GHANA ASECNA		A
Gabon	ATS Direct Speech Circuits Plan, AFI/7 Rec. 9/9	Libreville ACC	Accra/Libreville		Unserviceable	To be restored AFISNET	Ghana ASECNA		A
Rwanda	ATS Direct Speech Circuits Plan, AFI/7 Rec. 9/9	Kigali ACC	Kigali/Kinshasa		Unserviceable	To be restored AFISNET	Rwanda, DR Congo		A
Somalia	ATS Direct Speech Circuits Plan, AFI/7 Rec. 9/9	Hargeisa APP	Circuit Hargeisa/Djibouti	1998	Not implemented	Implement LTF circuit	Somalia, Djibouti		A
