

INTERNATIONAL CIVIL AVIATION ORGANIZATION

Western and Central African Office

Workshop on the mitigation of loss of Operational messages (Flight Plans, NOTAMs & OPMETs)

(Dakar, 12 – 14 May 2014)

Agenda item 2: Overview of the status of implementation and Performance of the AFI Aeronautical fixed Service (AFS)-AFTN

Status of implementation of AFTN supporting Operational Messages (FLPs, NOTAMs, OPMETs)

(Presented by the Secretariat)

SUMMARY
This working paper reviews the status of implementation of the Aeronautical Fixed Telecommunication Network (AFTN) circuits of the AFI plan, which support the operational messages Flight Plans, NOTAMs and OPMETs, identifies deficiencies and remedial action
Action by the meeting is at paragraph 3.
Annex 10- Aeronautical Telecommunications (Volumes 1, 2 and 3) Annex 11- Air Traffic Services Doc 8259 - Manual on the Planning and Engineering of the Aeronautical Fixed Telecommunication Network Doc 9702 - Report of the Seventh Africa-Indian-Ocean Regional Air Navigation AFI / RAN /7 Meeting Report on the AFI Sp AFI / RAN /8 Meeting APIRG - Meeting Reports <i>Note: References can be downloaded from www.icao.int/wacaf.</i>
Related ICAO Strategic Objectives: A: Safety; B: Air Navigation Capacity and Efficiency Related ICAO ASBU Performance Improvement Areas and Block0 Modules: PIA1 (B0-FICE); PIA2 (B0-DATM, B0-AMET) PIA3 (B0-FRTO, B0-NOPS, B0-ASEP, B0-OPFL, B0-SNET);

1. Introduction

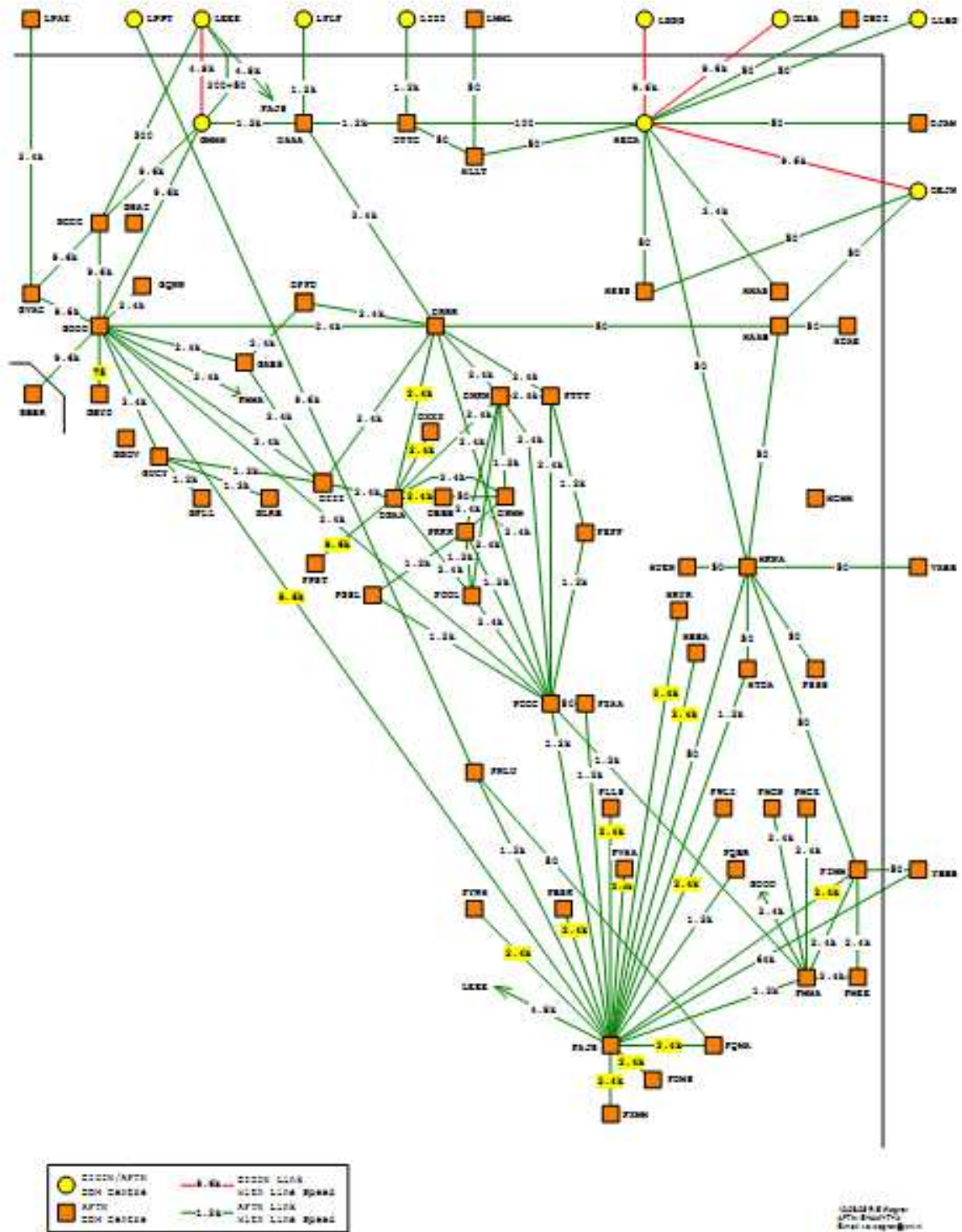
- 1.1 This paper analyses the implementation and operational status of AFTN in the AFI Region.
- 1.2 The requirements for AFTN communications are contained in the AFI Air Navigation Plan (ANP), FASID Table CNS 1A (AFTN Rationalized Plan).

2 Discussion

AFS Status of implementation

- 2.1 AFTN main circuits have been implemented in accordance with the AFI Rationalized Plan, with digital circuits.
- 2.2 The detailed status of implementation of AFTN in the AFI Region is summarized as shown in AFI COM chart below that reflects the provision of FASID Table CNS 1A.

AFI COM CHART



2.3 Some AFTN planned circuits have not yet been implemented and some States/organizations have implemented bilateral additional AFTN circuits or intend to do so. In the absence of latest update the list of remaining deficiencies is shown in the table below.

**LIST OF DEFICIENCIES IN THE AIR NAVIGATION FIELDS
AFTN**

<i>State Name</i>	<i>Requirements</i>	<i>Facilities or Services</i>	<i>Description of Deficiency</i>	<i>Date first reported</i>	<i>Comments on Deficiency</i>	<i>Description of Corrective action</i>	<i>Executing Body</i>
<i>Djibouti</i>							
	AFTN Plan, AFI Rec. 9/7	Djibouti AFTN centre	Circuit Djibouti/Addis Ababa	2002	Unserviceable	To repair and upgrade. Modem available in Djibouti as well as new automatic switching centre	Djibouti, Ethiopia
<i>Eritrea</i>							
	AFTN Plan, AFI Rec. 9/7	Asmara AFTN centre	Circuit Asmara/Addis Ababa	1998	The circuit has been disconnected	To be restored	Eritrea, Ethiopia
<i>Ethiopia</i>							
	AFTN Plan, AFI Rec. 9/7	Addis Ababa AFTN centre	Circuit Addis Ababa/Djibouti	2002	Unserviceable	To repair and upgrade. Modem available in Djibouti as well as new automatic switching centre	Ethiopia, Djibouti
	AFTN Plan, AFI Rec. 9/7	Addis Ababa AFTN centre	Circuit Addis Ababa/Asmara	1998	This circuit has been disconnected	To be restored	Ethiopia, Eritrea

2.4 The operation of the AFTN circuits to support operational messages is governed by the application of the AFI AFTN directory. This directory was updated by the second Task Force on the implementation of AMHS in the AFI Region held in Dakar, Senegal from 30 to 31 Mai 2013 as presented in **Appendix** to this Working Paper.

3. Action by the meeting

3.1 The meeting is invited to:

- a) Take note of the information provided in this working paper;
- b) Encourage states and organization to consider the provision of the updated AFI AFTN directory in for the exchange of operational messages (FLPs, NOTAMs & OPMETs).

-END-