



**INTERNATIONAL CIVIL AVIATION ORGANIZATION**  
**WESTERN AND CENTRAL AFRICAN OFFICE**  
**Eighteenth Meeting of the AFI Satellite Network Management Committee**  
**(SNMC/18)**  
**(Ouagadougou, Burkina Faso, 1-4 June 2010)**

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**Agenda Item 2: Review of operational statistics of availability for AFISNET-supported links**

(Presented by the secretariat)

**SUMMARY**

The purpose of this paper is to inform the meeting of the status of operational statistics of for AFISNET availability-supported links.

**Reference:** Monthly Reports from GCAA, NAMA and ASECNA

**Action by the meeting in paragraph 3**

## **1. Introduction**

The AFI/6 RAN meeting recommended that States operating AFTN arrange for the monthly recording of circuits performance charts and for the exchange of completed forms between the stations concerned with copy to relevant ICAO Regional Office. The AFI/7 RAN meeting endorsed this recommendation.

## **2. Discussion**

### **2.1 Status of implementation of AFTN circuits in AFI region**

In the aim to satisfy ATM new requirements involving new organization of airspace, bilateral circuits have been realized and should be taken into account when updating the AFI Com chart.

So the rationalized AFI Plan achievement is now about to be completed. However the performance does not comply everywhere with ICAO Annex X requirements.

### **2.2 Operational Performance Statistics**

The availability charts of the AFTN main circuits are hereto attached in **Appendix** to this Working Paper. When reviewing the performance of the circuits supported by the main AFI centers, one can note important improvement around for example the Dakar and Niamey centers while Brazzaville area is facing a weak availability rate under the recommended value of **97%**.

The new flight plan format, the requirements of RVSM space management and the automation of flight data processing including flight plan, the automation of AIS including NOTAM messages, recommend that SNMC members States/Organizations continue their efforts to increase AFS AFTN performance in particular for those current failing circuits.

Despite the above mentioned AFI recommendation, SNMC members are still not submitting the required information in a timely manner. Due to the difficulties faced by the Regional Bureau of WACAF to collect the AFTN statistics from States it should be advisable to consider the implementation of a comprehensive database for AFS-AFTN statistics management and monitoring in the AFI Region.

**3. Action by the meeting:**

The meeting is invited to:

- a) Take note of the above information
- b) Urge States which do not submit AFTN performance charts to meet the above recommendation to ensure that the information provided is relevant.

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## APPEDIX

## AFTN Circuits Availability for year 2009 around Dakar AFTN Main Center

Link	Implementation date	Support	Speed	Jan	Féb	Mar	Aprl	Mai	Jun.	Jui.	Aug	Sept	Oct	Nov	Dec	Min	Max	Aver.
BAMAKO	20/07 89	AFISNET		95	89	96	99	99	99	99	96	97	96		99	89	99	97
BANJUL	07 /84	AFISNET		100	98	97	98	99	100	100	100	100	98		98	97	100	99
BISSAU	06	AFISNET		98	99	96	100	98	100	96	70	99	100		100	70	100	96
NKTT	98	AFISNET		96	99	100	99	98	94	99	95	95	98		100	94	100	97
ROBERTS	14 /11/98	AFISNET		99	97	96	98	100	99	100	100	98	100		96	96	100	99
ABIDJAN	97	AFISNET		93	98	100	99	99	100	100	99	97	98		98	93	100	98
NIAMEY	97	AFISNET		98	99	98	98	100	97	99	99	99	98		99	97	100	98
JOBURG	17 /08/99	SADC2/AFISNET		99	100	100	100	100	98	99	73	99	100		100	73	100	97
BRAZZA	97	AFISNET		96	97	98	98	95	98	99	96	91	98		98	91	99	97
TANA	97	AFISNET		99	100	100	100	100	100	97	98	99	98		100	97	100	99
LIBREVILLE	97	AFISNET		98	100	99	100	100	58	96	99	100	100		100	58	100	95

**AFTN Circuits Availability for year 2009 around Niamey AFTN Main Center**

Link	Implementation date	Support	Speed	Jan.	Féb.	Mar.	Apr.	Mai	Jun.	Jui.	Aug.	Sept.	Oct.	Nov.	Dec.	Min	Max	Aver.
ABIDJAN	96	AFISNET		98	100	99	98	100	97	99	100	99	100	96	96	96	100	98
ACCRA	94	AFISNET		100	99	100	100	97	91	94	93	98	98	97	96	91	100	97
ADDIS	09	AFISNET /NAFISAT		100	100	100	100	93	98	100	94	97	100	91	95	91	100	97
ALGER	06	AFISNET		100	100	100	100	100	99	98	100	100	100	100	100	98	100	100
BAMAHO	97	AFISNET		79,3	46	Data not Available										46	79	62
BRAZZA	94	AFISNET		90,3	98	97	97	96	88	56	100	97	99	100	98	56	100	93
COTNOU	97	AFISNET		99	100	100	99	100	98	99	100	100	100	93	96	93	100	99
DAKAR	96	AFISNET		98	98	98	98	99	97	99	98	98	97	97	99	97	99	98
KANO	12/ 94	AFISNET		100	100	100	92	98	99	98	97	99	97	99	97	92	100	98
LOME	98	AFISNET		100	100	99	98	97	98	98	99	100	100	99	99	97	100	99
NDJAMENA	03/95	AFISNET		100	99	99	98	97	98	97	98	99	99	99	99	97	100	98
NOUAKCHOTT	08	AFISNET		100	100	99	100	100	98	99	100	99	100	100	100	98	100	100
OUAGADOUGOU	98	AFISNET		100	100	95	100	100	98	99	100	100	100	100	100	95	100	99
TRIPOLI	09	AFISNET /NAFISAT		Data not Available											100	100	100	100

## AFTN Circuits Availability for year 2009 around Brazzaville AFTN Main Center

Liaison	Implementation Date	Support	Speed	Jan.	Feb.	Mar.	Apr.	Mai	Jun.	Juil.	Aout	Sept.	Oct.	Nov.	Déc.	Min	Max	Aver.
DAKAR	96	AFISNET		98	99	99	99	96	99	98	97	94	100	Data not available	Data not available	94	100	98
NIAMEY	94	AFISNET		95	99	98	99	98	98	50	100	98	98			50	100	93
NDJAMENA	27/03/95	AFISNET		98	97	99	97	91	95	52	98	99	96			52	99	92
LIBREVILLE	194	AFISNET		83	99	100	96	99	65	100	99	88	100			65	100	93
DOUALA	24 /02/95	AFISNET		97	94	100	98	98	100	99	99	100	98			94	100	98
BANGUI	06/95	AFISNET		93	97	99	95	89	97	95	100	99	83			83	100	95
MALABO		AFISNET		100	96	89	95	98	96	83	95	100	97			83	100	95
JOBURG	11/02	AFISNET		99	100	100	100	99	100	94	89	100	98			89	100	98
KANO	10/94	AFISNET		0	0	3	0	0	0	0	0	0	0			-	3	0
ACCRA	94	AFISNET		22	91	77	80	98	0	97	94	100	0			-	100	66
PTE NOIRE	98	AFISNET		99	97	99	99	100	100	81	99	76	99			76	100	95
SAO TOME	08	AFISNET		100	98	92	99	100	100	87	100	98	93			87	100	97
ANTANANARIVO	09	AFISNET		100	99	97	100	100	23	74	100	100	40			23	100	83
KINSHASA	01/88	FH		73	100	100	99	89	100	71	12	7	0			-	100	65
NAIROBI	09	AFISNET/NA FISAT		100	100	91	96	100		100	100	100	100			91	100	98
LUANDA	09	AFISNET/NA FISAT		100	100	50	0	0	0	0	0	0	0	-	100	25		