
**AERONAUTICAL FIXED SERVICES
PERFORMANCE DATA COLLECTION FORMS**

EXPLANATORY NOTES

1: Performance of AFTN

Column 1: Country name

Columns 2 and 3: Terminal stations of individual links

Column 4: Network supporting the link

Column 5: Circuit communication protocol

Column 6: Circuit signalling speed

Column 7: Transit time between Terminal I and Terminal II

Column 8: Direct circuit or routed circuit between Terminal I and Terminal II

Columns 9-14: Monthly availability rates for six months

Column 15: Average availability rate for six months

2: Qualitative performance of ATS/DS

Column 1: Country name

Columns 2 and 3: Terminal stations of individual circuits

Column 4: Network supporting the link

Column 5: Connection time

Column 6: Number of attempts

Column 7: One way latency time

Column 8: Call set up time

Column 9: Qualitative assessment from 1 to 5 indicating voice strength and clarity

Columns 10-15: Monthly availability rates for six months

Column 16: Average availability rate for six months

3: Qualitative performance of ATN applications

Column 1: Country name

Columns 2 and 3: Terminal stations of individual links

Column 4: Network supporting the link

Column 5: ATN application

Column 6: Circuit communication protocol

Column 7: Circuit speed

Column 8: Transit time between Terminal I and Terminal II

Column 9: Routing indicates direct circuit or routed circuit between Terminal I and Terminal II

Columns 10-15: Monthly availability rates for six months)

Column 16: Average availability rate for six months

**AERONAUTICAL FIXED SERVICES
PERFORMANCE DATA COLLECTION FORMS**

Centre:

Date:

Parameters	Values
Fixed Parameters	
Intelsat link Name	IS 10-02 @ 359 Degrees East
Transponder Number	23/23
Satellite Earth Station Coordinates (WGS-84)	LONG = ddd, mm E/W
	LAT = dd, mm N/S
	AZ = ddd, mm E/W
	EL = dd, mm N/S
Antenna Type and Sizem
Antenna Gain	Tx : ... dBi
	Rx : ... dBi
SSPA type	X W
Up Converter Frequency	MHz
Down Converter Frequency	MHz
Dynamic parameters	
EIRP	
G/T	
C/N0	
BER	
MTBF	
MTRR	
Parameters for Carrier Performance	
Carrier failure rate	
C/N0	
BER	

1: PERFORMANCE OF AFTN

Centre : Atlántico
Date:

Country	Terminal I	Terminal II	Support	COM Protocol	Speed	Transit Time	Routing	Monthly Availability 2013												½ Annual Average Availability Rate	
								9	10	11	12	13	14	15	01	02	03	04	05		06
1	2	3	4	5	6	7	8	01		02		03		04		05		06		15	
Ethiopia	Addis Ababa	Nairobi	NAFISAT					TX	RX	TX	RX	TX	RX	TX	RX	TX	RX	TX	RX	TX	RX

2: QUALITATIVE PERFORMANCE OF ATS/DS

Centre :

Date:

Country	Terminal I	Terminal II	Support	Connexion Time	Nb of Attempts	One Way Latence Time	Call set up time	Voice Quality (1 to 5)	Monthly Availability 2013						½ Annual Average Availability Rate
									10	11	12	13	14	15	
Ethiopia	Addis Ababa	Khartoum	NAFISAT						01	02	03	04	05	06	

3: QUALITATIVE PERFORMANCE OF ATN APPLICATIONS

Country	Terminal 1	Terminal II	Support	Provided Service	COM Protocol	Speed	Transit Time	Routing	Monthly Availability 2014						Remarks
									10	11	12	13	14	15	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
									05	06	07	08	09	10	
Ethiopia	Addis Ababa	Mogadishu	NAFISAT	AIDC											
Ethiopia	Addis Ababa	Djibouti	NAFISAT	AMHS											