



ICAO

INTERNATIONAL CIVIL AVIATION ORGANISATION
WESTERN AND CENTRAL AFRICA OFFICE

TWENTY-SIXTH MEETING OF THE AFI SATELLITE NETWORK MANAGEMENT COMMITTEE (SNMC/26)
OUGADOUGOU, BURKINAFASSO, 19-23 NOVEMBER, 2018



Agenda Item 2: Circuit Availability Statistics

Presented By GHANA

SUMMARY

This working paper reports on the AFTN/AMHS and ATS/DS circuit performance availability status with Accra (GCAA) from January to October, 2018.

Action by the meeting is at paragraph 4:

1. INTRODUCTION:

This paper presents the AFTN/AMHS and ATS-DS circuits availability with Accra from January to October 2018. It provides investigations carried out on the various deficient links and provides information about how they were effectively resolved.

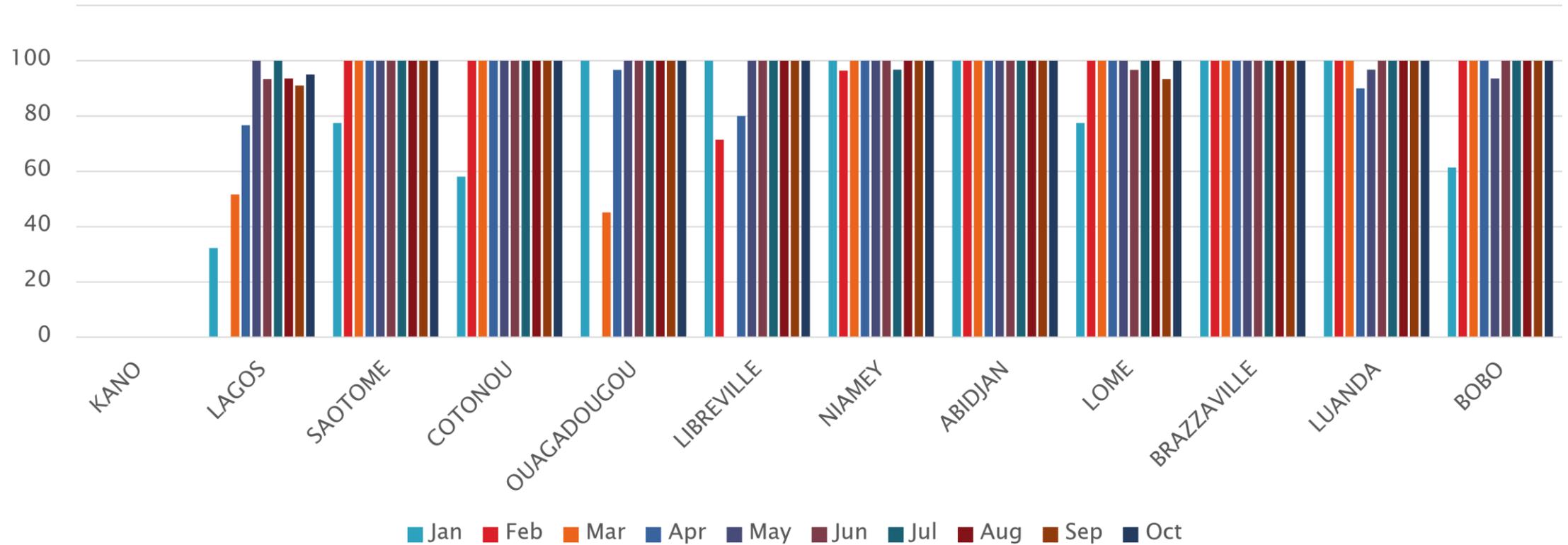
2. DISCUSSION

TABLE OF ATS/DS PERFORMANCE STATISTICS JAN–OCTOBER 2018

STATION	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	AVERAGE
KANO	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LAGOS	32.26	0.00	51.61	76.67	100.00	93.33	100.00	93.55	91.00	95.00	73.34
SAOTOME	77.42	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	97.74
COTONOU	58.06	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	95.81
OUAGADOUGOU	100.00	0.00	45.16	96.67	100.00	100.00	100.00	100.00	100.00	100.00	84.18
LIBREVILLE	100.00	71.43	0.00	80.00	100.00	100.00	100.00	100.00	100.00	100.00	85.14
NIAMEY	100.00	96.43	100.00	100.00	100.00	100.00	96.77	100.00	100.00	100.00	99.32
ABIDJAN	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
LOME	77.42	100.00	100.00	100.00	100.00	96.67	100.00	100.00	93.33	100.00	96.74
BRAZZAVILLE	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
LUANDA	100.00	100.00	100.00	90.00	96.77	100.00	100.00	100.00	100.00	100.00	98.68
BOBO	61.42	100.00	100.00	100.00	93.55	100.00	100.00	100.00	100.00	100.00	95.50
AVERAGE	75.55	72.32	74.73	86.95	90.86	90.83	91.40	91.13	86.94	86.56	84.73

2.1 ATS/DS PERFORMANCE GRAPH JAN-OCTOBER 2018

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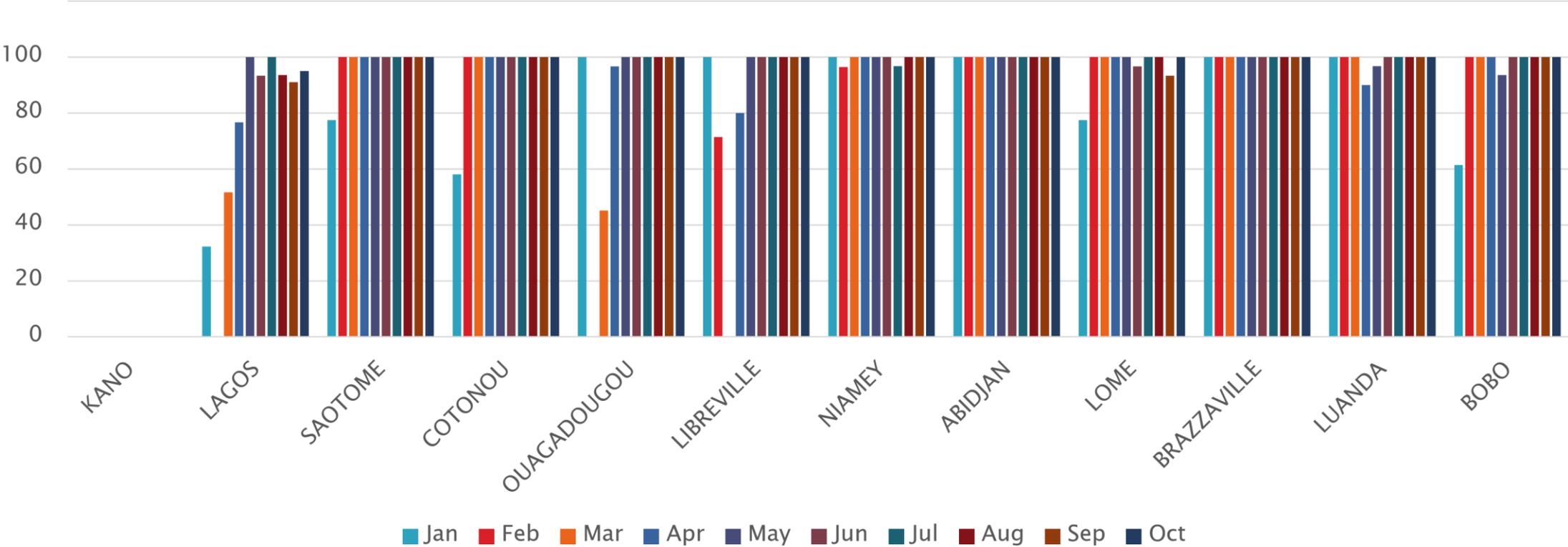


2.2 TABLE OF AFTN PERFORMANCE PERFORMANCE STATISTICS JANUARY TO OCTOBER

<i>Station</i>	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	AVERAGE
KANO	99.68	100.00	100.00	100.00	100.00	100.00	100.00	98.57	100.00	98.57	99.78
LAGOS	0.00	0.00	0.00	0.00	0.00	0.05	0.00	0.00	0.00	0.00	0.01
SAOTOME	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
COTONOU	100.00	100.00	100.00	100.00	99.19	100.00	100.00	100.00	100.00	100.00	99.90
OUAGADOUGOU	100.00	100.00	100.00	90.56	96.42	100.00	100.00	100.00	100.00	100.00	98.37
LIBREVILLE	85.57	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	84.14	98.20
NIAMEY	100.00	100.00	100.00	98.06	100.00	100.00	100.00	100.00	100.00	96.01	99.76
ABIDJAN	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	99.91	100.00
LOME	100.00	100.00	100.00	100.00	100.00	99.17	100.00	100.00	100.00	99.95	99.90
BRAZZAVILLE	100.00	100.00	100.00	100.00	100.00	100.00	100.00	95.34	99.95	100	99.42
LUANDA	0.00	100.00	100.00	100.00	100.00	96.85	100.00	98.61	98.52	99.01	86.93
AVERAGE	73.81	82.04	90.91	80.78	81.42	90.55	90.91	90.22909	90.77	88.87182	85.08⁴

2.3 AFTN PERFORMANCE GRAPH JAN–OCTOBER 2018

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3. COMMENTS

3.1 MOL 2P multiplexer failures in Accra affected ATS/DS and AFTN performance for the first quarter of the year.

3.2 Lagos ATS/DS and AFTN circuits have been transferred from the GCAA domestic VSAT network to the AFISNET IBS network. This is one of the reasons for the poor performance of LAGOS AFTN because the MOL2P multiplexers are obsolete and spare parts are hard to come by.

3.3 Kano ATS/DS link is unserviceable. This is because there is a problem with a 4-wire card in Kano.

3.4 Overall, the AFTN/AMHS and ATS/DS circuit's performed creditably well during the period under review with the exception of the following deficient links that need to be improved upon:

3.5. DEFICIENT LINKS

AFTN/AMHS
LAGOS



Awaiting Lagos to
connect the MOL 2P
Multiplexer

ATS/DS
KANO



Awaiting Kano to work on
the
4-wire card

4. ACTION BY THE MEETING

The meeting is invited to:

- 4.1 Take note of the information provided in this working paper.
- 4.2 Encourage SNMC Members to periodically share their circuits availability with the view of resolving any problems.
- 4.3 Discuss how SNMC States can mitigate the impact of obsolete systems in circuits availability.
- 4.4 Request states concerned to indicate their plans for remedial action.

END