

SNMC/27 WP03B2

INTERNATIONAL CIVIL AVIATION ORGANIZATION WESTERN AND CENTRAL AFRICA OFFICE

Twenty-seventh Meeting of the AFI Satellite Network Management Committee (SNMC/27)

(Accra, Ghana, 25-29 November 2019)

Agenda Item 2: Missing Flight Plan

Presented by GCAA

SUMMARY

The present Working Paper present a report on missing Flight Plans in Accra FIR for the month of November, 2019.

Reference: SNMC/26 Report

APIRG 21/22 Report

Action by the meeting in paragraph 3

1. Introduction

1.1 All AFISNET SNMC meetings had the cause to repeatedly enumerate the menace associated to ATS missing FPLs.

ANSPs are doing all they can to reduce to the barest minimum in percentage terms this phenomena.

In APIRG 21 and 22 meetings, the issue of missing FPLs was topical.

In all these discussions, the issue of non-existence of ATS Messages and missing FPLs detailing all the statistics, that about 80% of missing FPLs are associated to Africa.

It is important to put in place measures to mitigate the issue of missing flight plans since it can be a threat to safety in our air spaces.

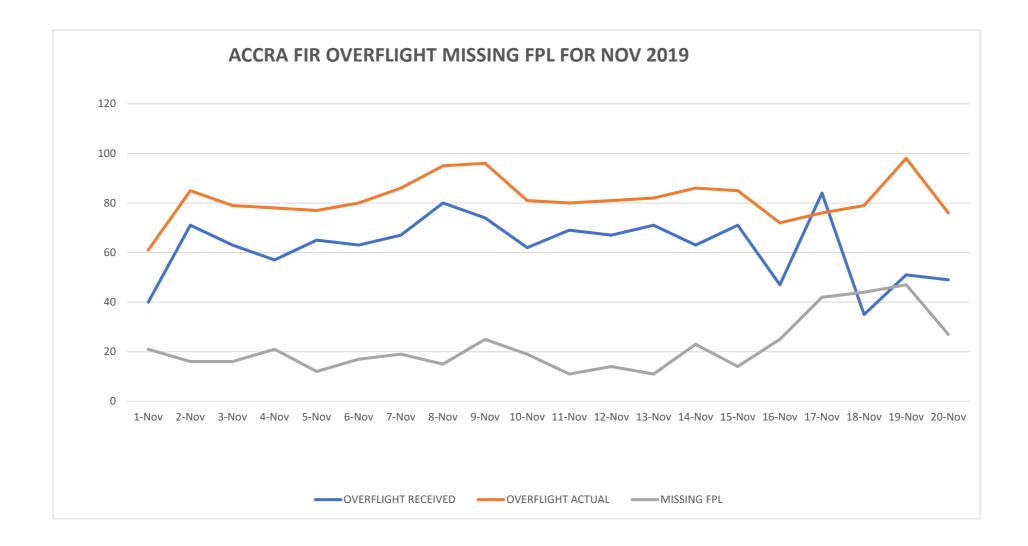


2.0 Discussions

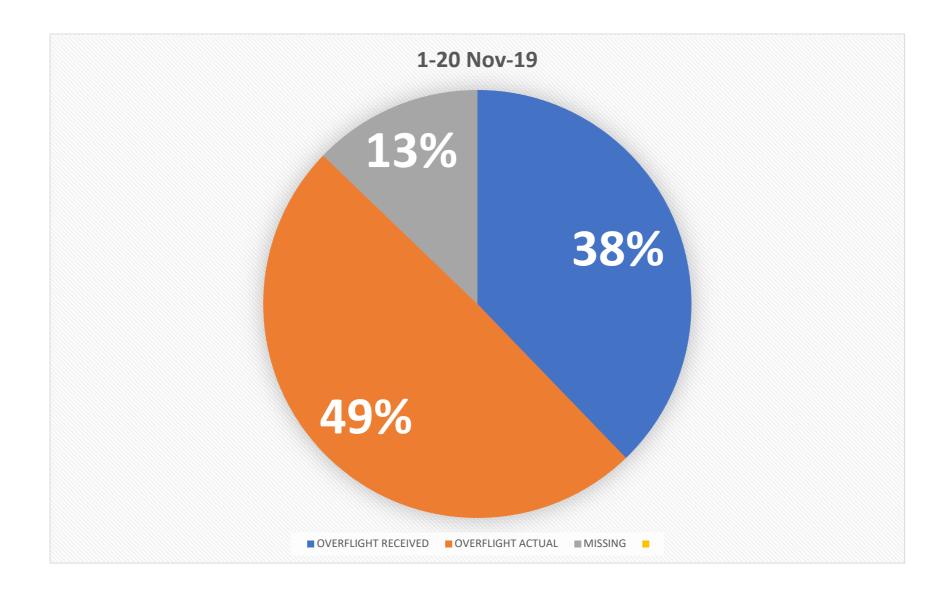
2.1 Accra Overflight Missing Flight plan data for November 2019

DATE	OVERFLIGHT RECEIVED	OVERFLIGHT ACTUAL	MISSING FPL
1-Nov	40	61	21
2-Nov	71	85	16
3-Nov	63	79	16
4-Nov	57	78	21
5-Nov	65	77	12
6-Nov	63	80	17
7-Nov	67	86	19
8-Nov	80	95	15
9-Nov	74	96	25
10-Nov	62	81	19
11-Nov	69	80	11
12-Nov	67	81	14
13-Nov	71	82	11
14-Nov	63	86	23
15-Nov	71	85	14
16-Nov	47	72	25
17-Nov	34	76	42
18-Nov	35	79	44
19-Nov	51	98	47
20-Nov	49	76	27
TOTAL	1249	1633	423





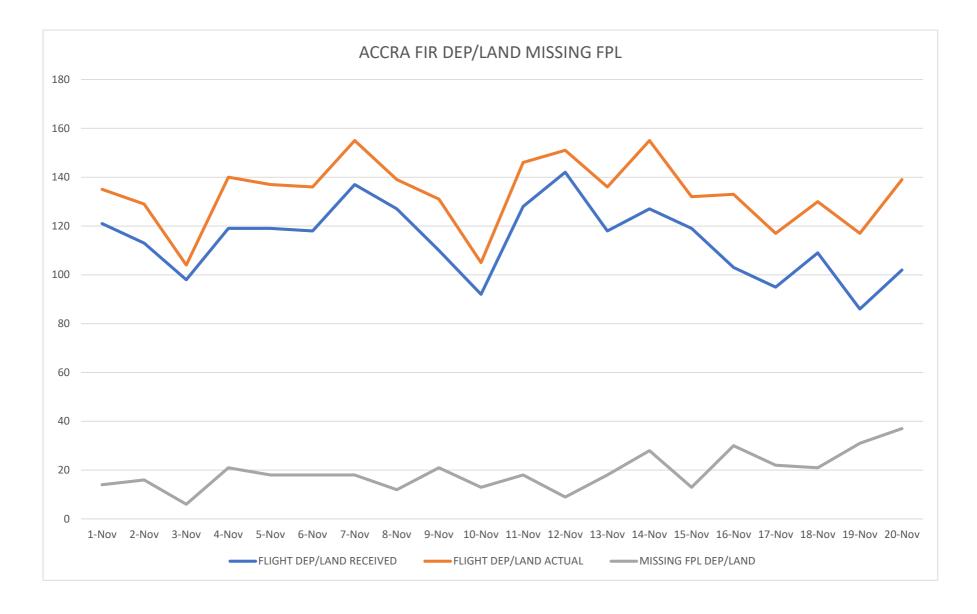


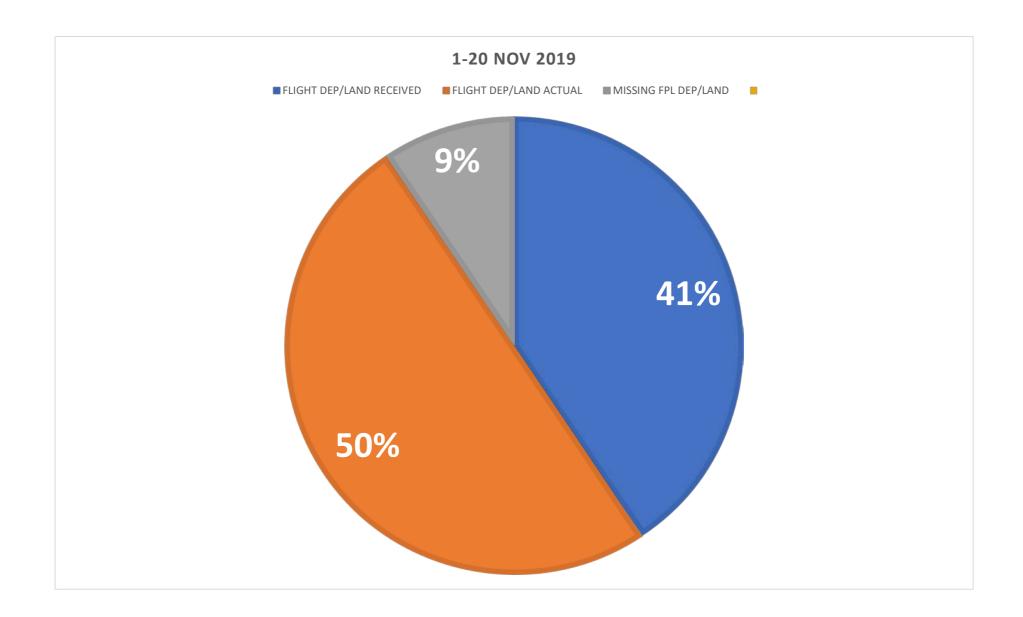




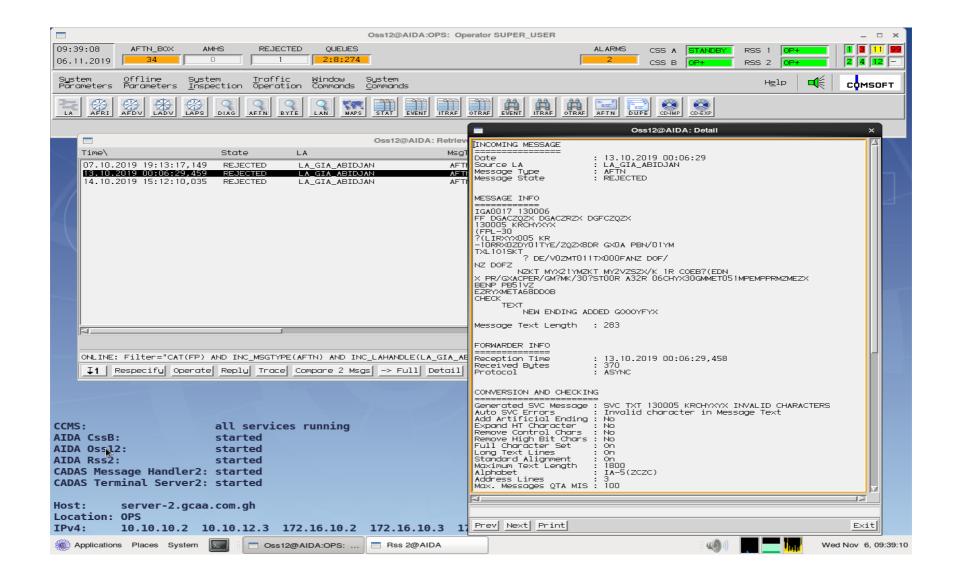
	FLIGHT DEP/LAND	FLIGHT DEP/LAND	
DATE	RECEIVED	ACTUAL	MISSING FPL DEP/LAND
1-Nov	121	135	14
2-Nov	113	129	16
3-Nov	98	104	6
4-Nov	119	140	21
5-Nov	119	137	18
6-Nov	118	136	18
7-Nov	137	155	18
8-Nov	127	139	12
9-Nov	110	131	21
10-Nov	92	105	13
11-Nov	128	146	18
12-Nov	142	151	9
13-Nov	118	136	18
14-Nov	127	155	28
15-Nov	119	132	13
16-Nov	103	133	30
17-Nov	95	117	22
18-Nov	109	130	21
19-Nov	86	117	31
20-Nov	102	139	37
TOTAL	2164	2667	503



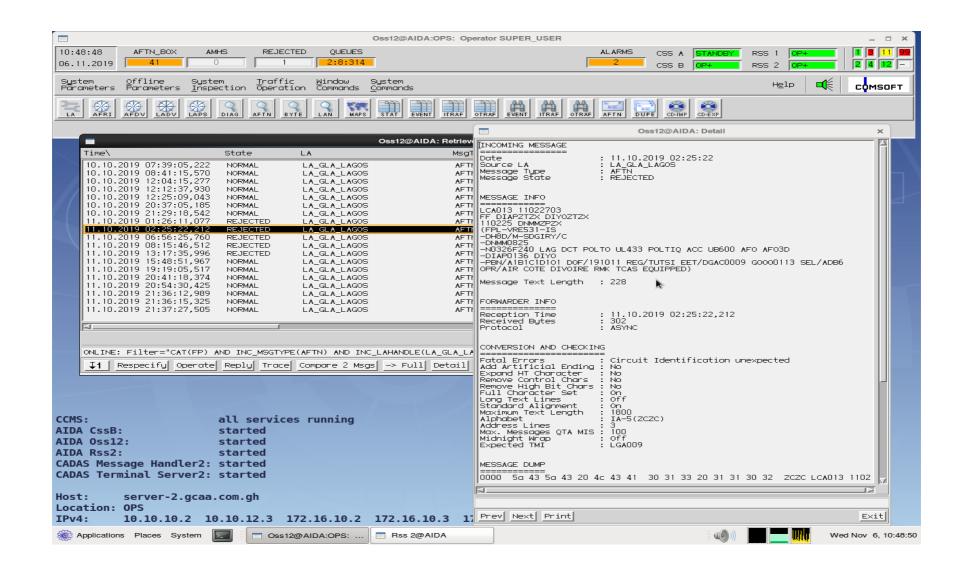




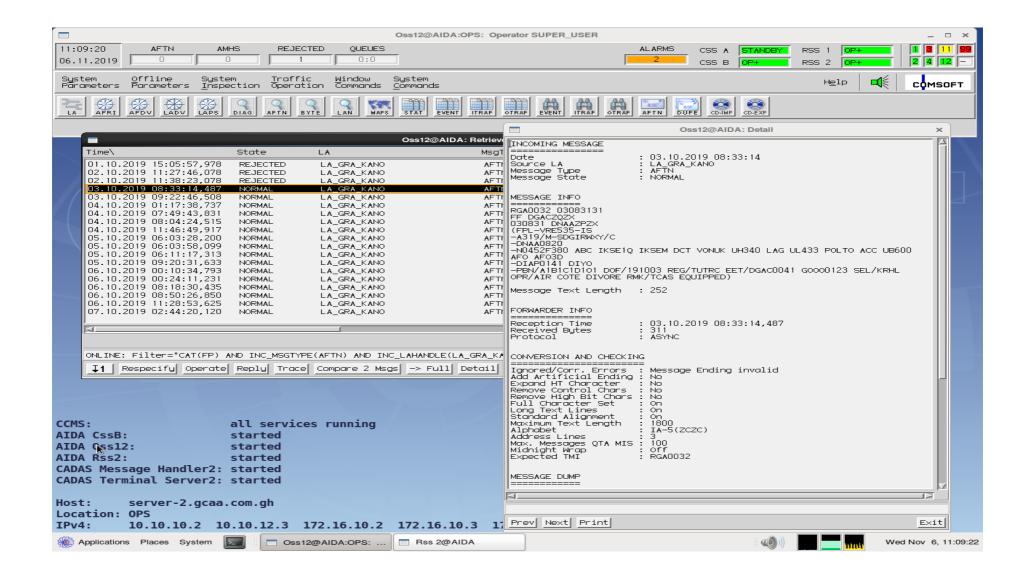














2.2 Identified Causes of missing flight plans in Accra Center

- Flights without FPL at KIA.
- FPL not recieved
- Circuit interruption
- AFTN Link failures between centers (specifically the obsolete IBS satellite network eg the MOL2P multiplexers)
- Wrong addressing of flight plans causing the AFTN system to reject the messages
- Wrong setting of address between systems (eg. AFTN to ATM systems
- Wrong AFTN protocol setting between centers
- Failure to update routing tables of the AFTN systems
- Time synchronization between the AFTN and ATM systems
- ANSP's internal procedures.
- Wrong use of circuit identification/channel IDs.
- Defective circuits.
- Human factors (individuals & systems).
- Lack of coordination at the various AFTN/AMHS centers

2.3 Mitigation measures

Establish a flight plan taskforce to examine the causes of the missing FPL on a timely and systematic basis.

Exchange on Monthly basis data on missing flight plan among states

Implementation of collective addressing has helped remedy the situation.

Improvement on system failures due to a better management platform by way of Whatsapp groups.



3. Action Required

The meeting is invited to:

Note the information related to the missing FPL

SNMC members to share their experiences in the area of missing FPLsEncourage regular training technical and Operational personel as a means to mitigating the causes of missing Flight plans

To encourage AFI states to continue to share data on ATS missing FPLs.

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