



# Twenty-third Meeting of AFI Satellite Network Management Committee

*Accra, GHANA , 15-19 February 2016*

**Agenda Item 2: Operational Statistics  
(*Missing FPL*)**

**(Presented by ASECNA)**

# 1. INTRODUCTION

According to the conclusion 18/17 of APIRG / 18, each ASECNA center was sensitized to conduct monthly surveys to find a suitable solution to the problem of missing flight plans. The investigations carried out concerning the missing flight plans of all aircraft both on arrival and over flight.

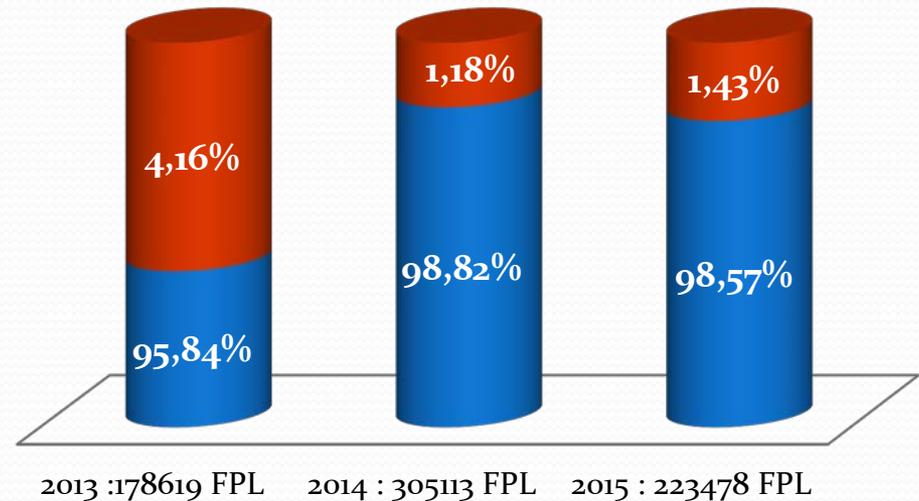
The present Working Paper gives a report on the availability of the FPL in ASECNA area from January to December 2015.

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# 2. Availability global of FPL in ASECNA area

### Improved reception FPL 2013-2015

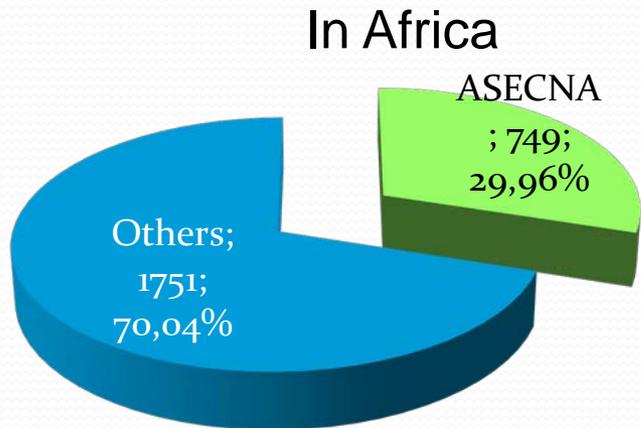
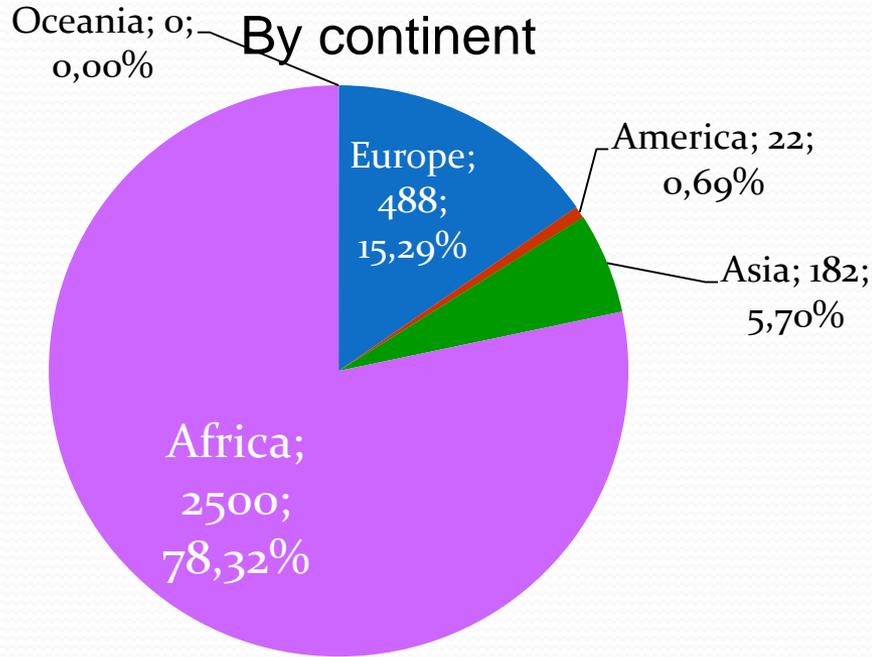
■ Received ■ Not received



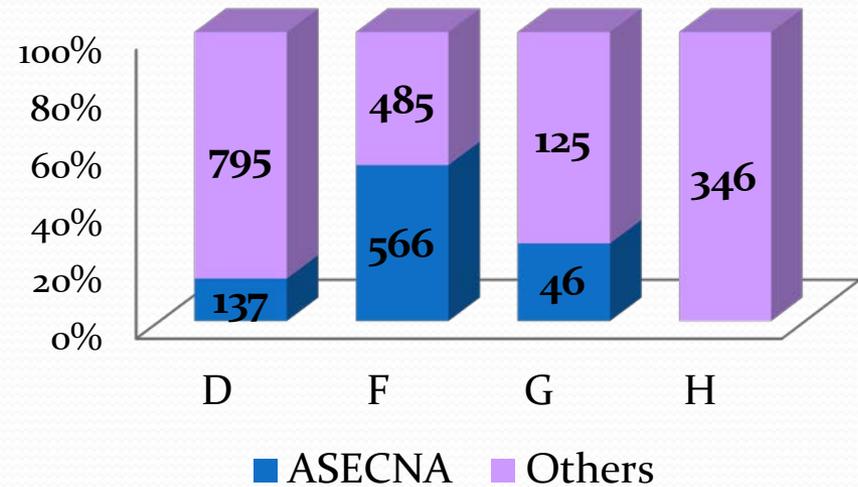
#### □ Number of FPL not received:

- 2013 : 7.425
- 2014 : 3.597
- 2015 : 3.192

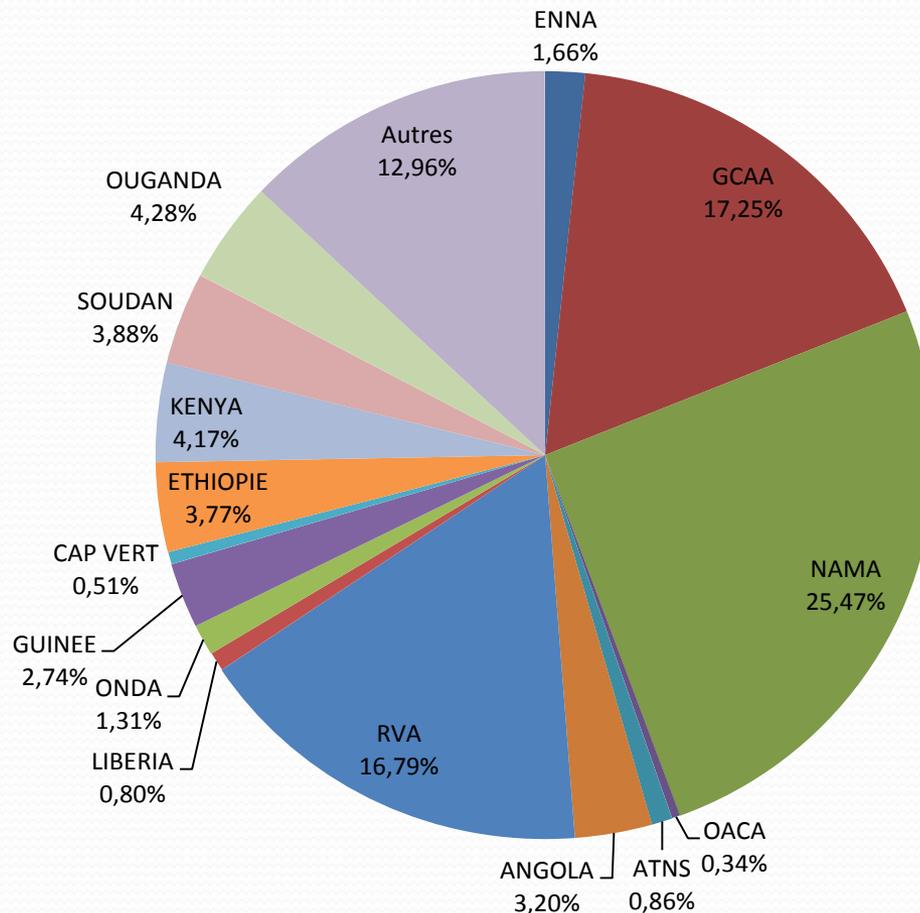
# 3. global Result of missing FPL 2015



**By Region**



# 4. global Result of missing FPL 2015 by other ANSP

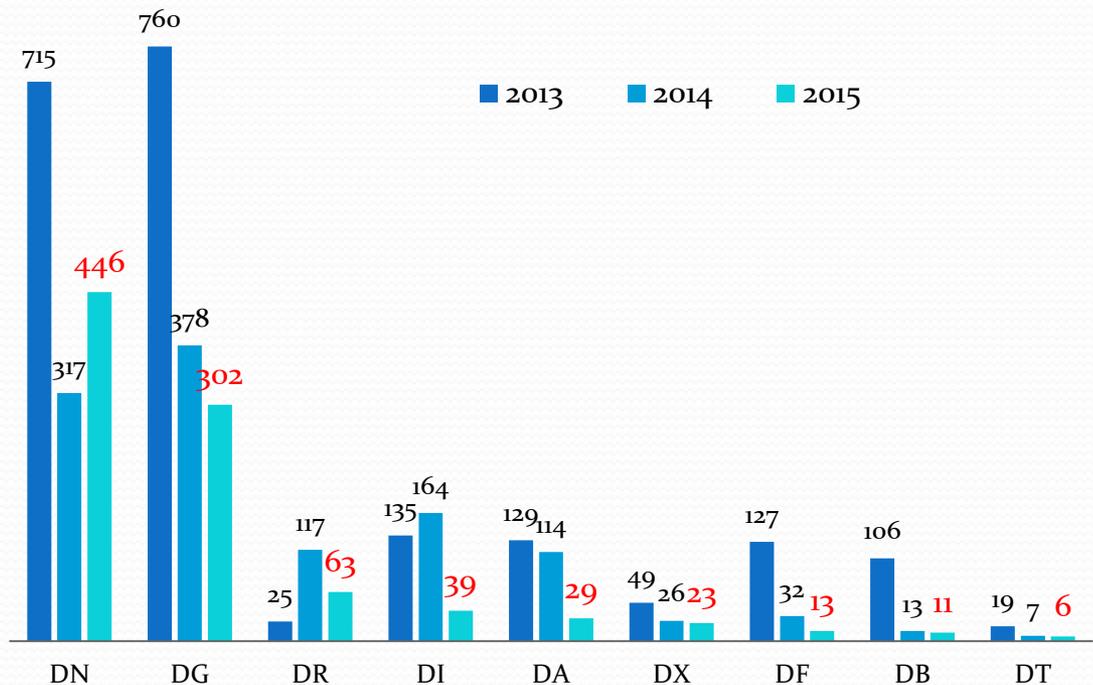


# 5. Missing FPL from the indicators D area AFI

## Comments

	2013	2014	2015
DA	129	114	29
DB	106	13	11
DF	127	32	13
DG	760	378	302
DI	135	164	39
DN	715	317	446
DR	25	117	63
DT	19	7	6
DX	49	26	23

- Reduction missing FPL from all indicators except DN;
- Improvement compared to 2014;



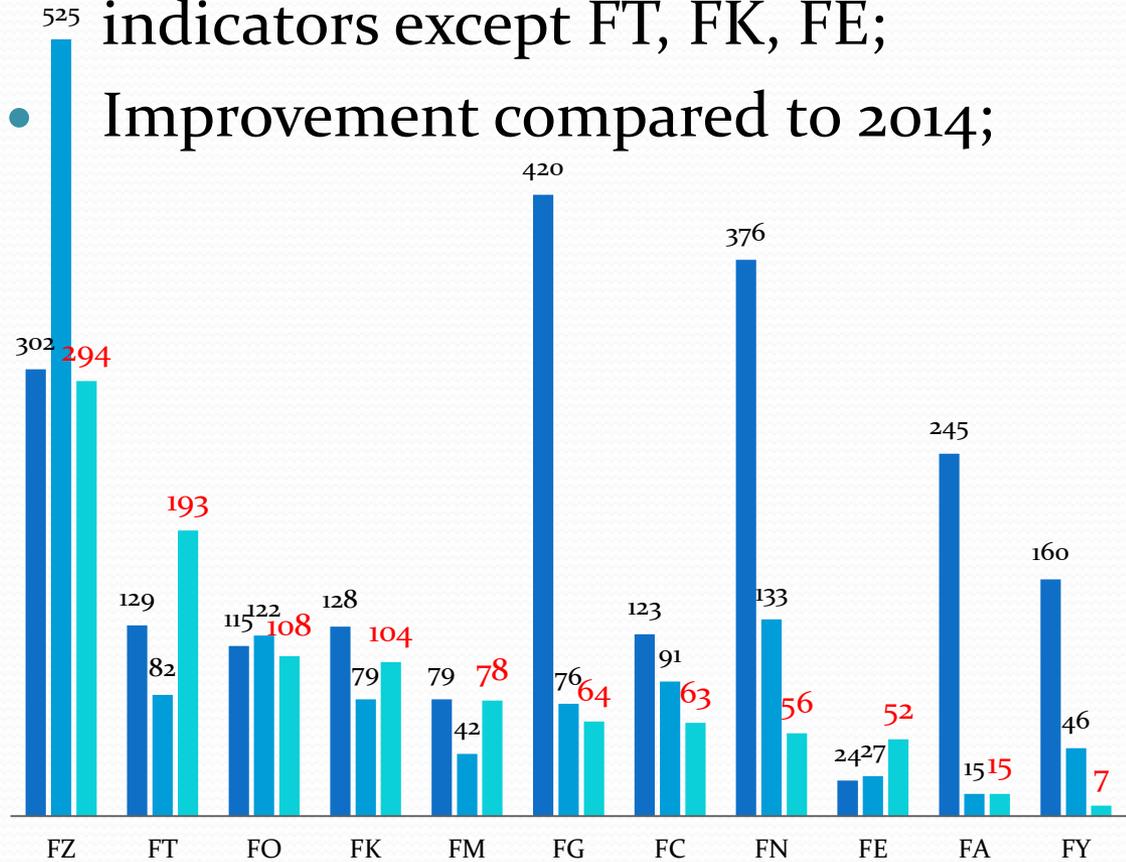
# 6. Missing FPL from the indicators F area AFI

	2013	2014	2015
FA	245	15	15
FB	3	2	0
FC	123	91	63
FD	2	2	0
FE	24	27	52
FG	420	76	64
FH	0	0	0
FI	0	1	5
FJ	1	0	0
FK	128	79	104
FL	15	1	3
FM	79	42	78
FN	376	133	56
FO	115	122	108
FP	58	16	2
FQ	22	2	3
FS	2	1	1
FT	129	82	193
FV	6	4	3
FW	5	2	0
FX	0	0	0
FY	160	46	7
FZ	302	525	294

## Comments

■ 2013 ■ 2014 ■ 2015

- Reduction missing FPL from all indicators except FT, FK, FE;
- Improvement compared to 2014;

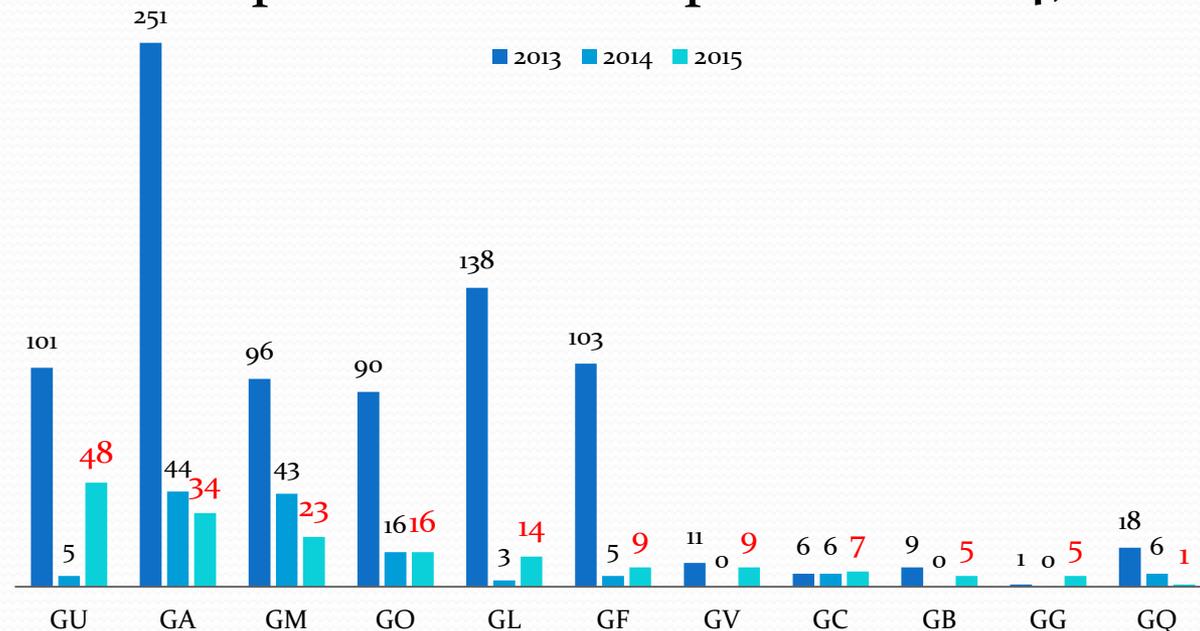


# 7. Missing FPL from the indicators G area AFI

## Comments

- Reduction missing FPL from all indicators except GU, GL, GF, GV
- Improvement compared to 2014;

	2013	2014	2015
GA	251	44	34
GB	9	0	5
GC	6	6	7
GE	0	0	0
GF	103	5	9
GG	1	0	5
GL	138	3	14
GM	96	43	23
GO	90	16	16
GQ	18	6	1
GS	0	0	0
GU	101	5	48
GV	11	0	9

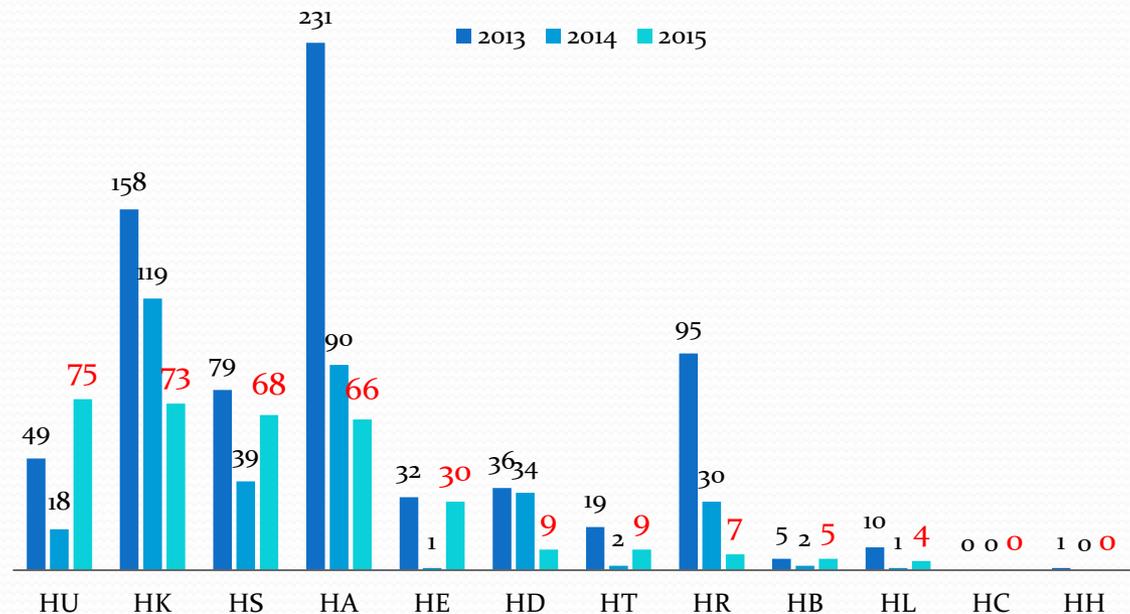


# 8. Missing FPL from the indicators H area AFI

## Comments

- Reduction missing FPL from all indicators except GU, GL, GF, GV
- Improvement compared to 2014;

	2013	2014	2015
HA	231	90	66
HB	5	2	5
HC	0	0	0
HD	36	34	9
HE	32	1	30
HH	1	0	0
HK	158	119	73
HL	10	1	4
HR	95	30	7
HS	79	39	68
HT	19	2	9
HU	49	18	75



# 9. Highlights 2015 (1)

- From DN :
  - 61,2% missing FPL in Niamey . Majority for ARA, DHV and ETH flights (DNMM- DRRN / DNKN - DRRN);
  - 36,8% missing FPL in Cotonou . Majority for ARA, DHV and KQA flights (DNMM- DBBB);
  - 31,1% missing FPL in Lomé. Majority for SKK flights (DNMM-DXXX);
  - 11,7% missing FPL in Ndjamena. Majority for overflight (DNMM- OMDB / DNAA- HUEN /DNKA - OEJN)...;
  - 10,3% missing FPL in Ouagadougou. Majority for ETH flight (DNMM or DNKN to DFFD)...;
- From DG:
  - 42,5% missing FPL in Abidjan . Majority for MSR, GAF flights (DGAA- DIAP / DGAA – GUCY)
  - 36,7% missing FPL in Lomé. Majority for SKK flights (DGAA-DXXX);
  - 22,8% missing FPL in Cotonou . Majority for DHV flights (DGAA- DBBB);
  - 19,4% missing FPL in Ouagadougou . Majority for VBW flights (DGAA – DFFD);

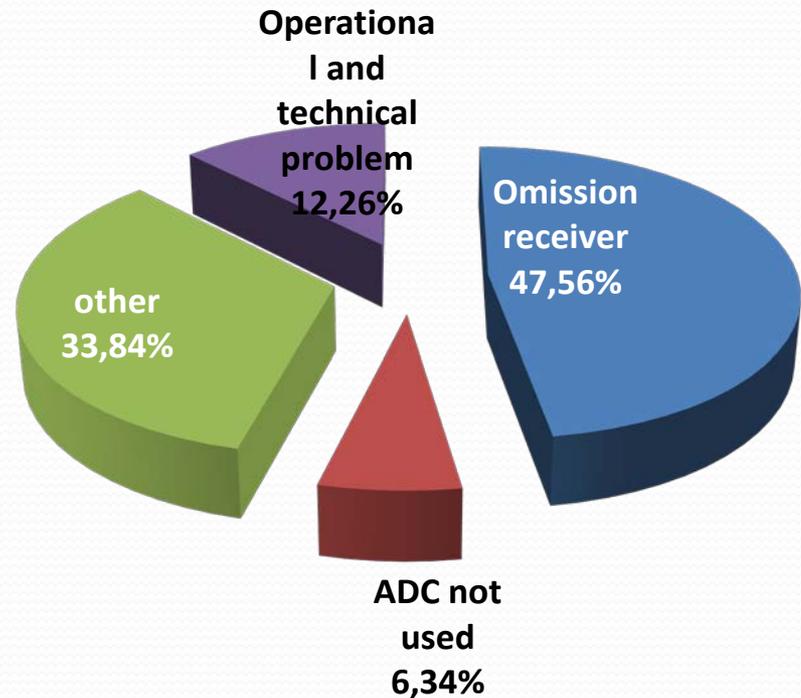
# 10. Highlights 2015 (2)

- From FZ :
  - 43,96% missing FPL in Brazzaville . Majority for ETH and KQA flights (FZAA- FCBB);
  - 21,8% missing FPL in Bangui. Majority for UNO flight (FZIC-FEFF / FZFD-FEFF / FZAA- FEFF)...
  - 11,7% missing FPL in Ndjamen. Majority for overflight (DNMM-OMDB / DNAA- HUEN /DNKA - OEJN)...
- From FT:
  - 14,4% missing FPL in Ndjamen. Because of failure of switch message in 2015.
- From GU:
  - 70,6% missing FPL in Bamako. Majority for SKK flights (GUCY - GABS);

# 11. Analysis of results 2015

## Comments

- 47,56% do not have AFTN address destination of the air traffic center concerned;
- 12,26% due to various technical problems and human factor (routing, training of staff responsible for the transmission of flight plan, ...);
- 6,34% PDAI not used;
- 33,84% UNO, military flights and Others.



# 12. Main causes

- Omission of AFTN addresses of certain organism in charge of air traffic control;
- Routing table not properly applied and ignorance of routing procedures;
- Technical failure;
- delayed restart of defective AFTN circuits due to the absence of focal point for coordination.

# 13. Corrective measures

- Update the routing table of each center to take into account new AFTN circuits;
- Exchanges of data on missing flight plans between different centers concerned in accordance with the conclusion 17/42 of the 17th APIRG;
- Maintaining awareness local information staff in charge of flight plan to respect the routing procedures of flight plans in accordance with the 18/18 conclusion of the 18th APIRG;
- Investigate systematically missing FPL coordinating with neighboring centers;
- Exchange of operational and technical contact list per center;
- Strengthen technical cooperation for a quick restart of defective circuits.

# 14.CONCLUSION

The meeting is invited to:

- ❑ note the above information related to the missing FPL;
- ❑ Reinforce co-operation between COM Centers in technical and operational domain to improve the availability of FPL;

# THANK YOU !!!!!

