



**Third Meeting of the AFI Flight Plan Transition Task Force
(FPLT TF/3)
(Dakar, Senegal, 15 – 16 September 2011)**

Agenda Item: 3 Review of implementation implications and development of implementation strategy, plan and guidance

REGIONAL SURVEY ON MISSING FLIGHT PLANS FROM 15 TO 17 AUGUST 2011

(Presented by the Secretariat)

SUMMARY
This working paper provides the Task Force with a brief summary of the outcome of the regional survey conducted on missing flight plans in the AFI Region. Action by the meeting is at paragraph 3 .
REFERENCES: -APIRG Reports
This Working Paper is related to Strategic Objectives: A and C .

1.Introduction

1.1 The Seventh Meeting of the AFI Planning and Implementation Regional Group (APIRG/17) discussed the longstanding issue of missing flight plans and formulated its Conclusion 17/42 (Resolution of missing flight plans problem), which states as follows:

Conclusion 17/42: Resolution of Missing Flight Plans Problem

That, in order to effectively address the problem of missing flight plans between AFI ACCS, AFI states:

- 1) Take immediate measures to ensure that standard requirements for flight plan processing are adhered to;*
- 2) Ensure that all FIRs collect/record information on missing flight plans and exchange such information/data with other FIRs;*
- 3) Ensure that ACCs/FICs respond to queries from other ACCs/FICs regarding missing flight plans on a timely basis, providing details that might assist not just the affected firs but others in resolving the causes for missing flight plans; and*
- 4) Bring the trend information/data on missing flight plans to the attention of the TAG for further action.*

2.Discussion

2.1 The Twelfth Meeting of APIRG Air Traffic Management, Aeronautical Information Management and Search and Rescue Sub-group (ATM/AIM/SAR/SG/12) and the Fourth Meeting of APIRG Communications, Navigation and Surveillance Sub-group (CNS/SG/4) which were held in Dakar, Senegal, from 25 to 29 July 2011 noted that APIRG Conclusion 17/42 had not been implemented by States, and accordingly requested the ICAO Regional Offices to coordinate a three-day regional survey as a matter of urgency in order to address this safety critical issue. The CNS/SG formulated the following conclusions:

*Conclusion 4/13: Need for further investigations on the lack of flight plans
That, considering the high priority to be accorded to the issue of lack of flight plans, AFI Air Traffic Service Units (ATSUs) report and conduct investigations on missing flight plans during the period from 15 to 17 August 2011 (...).*

*Conclusion 4/14: Investigations on the loss of AFTN messages in the AFI Region
That in order to further analyze and mitigate the loss of AFTN messages, including flight plan messages in the region, AFI AFTN centres carry out a three-day survey on AFTN performance from 15 to 17 August 2011 inclusive (...).*

2.2 The survey called for by the APIRG ATM/AIM/SAR and CNS Sub-groups took place as scheduled on 15-17 August 2011.

2.3 The Secretariat is in the process of compiling the survey data from States/ANSPs. The preliminary results of the survey confirm the extent of the missing flight plan problem, transit time issues as well as availability issues (see examples at **Appendices**). A detailed analysis of the survey results will be circulated to States and air navigation service providers in due course.

2.5 Among other indications, the survey results show transit times exceeding the prescribed values in many cases. They also show negative values indicating situations where the time on the origin line is after the time indicated on the reception line, implying that flight plans were received before they were sent. This is believed to be a result of an incorrect system time in the originating centre.

2.6 The meeting may wish to request that AFI ANSPs conform to Annex 11 provisions, requiring that “*air traffic services unit clocks and other time recording devices shall be checked as necessary to ensure correct time to within plus or minus 30 seconds of UTC. Wherever data link communications are utilized by an air traffic services unit, clocks and other time-recording devices shall be checked as necessary to ensure correct time to within 1 second of UTC. The correct time shall be obtained from a standard time station or, if not possible, from another unit which has obtained the correct time from such station*”. To this effect, synchronization of centres’ clocks with GPS time was recommended by APIRG.

Action by the Meeting

- 3.1 The meeting is invited to:
- a) Request States to address the loss of ATS messages using AFTN - including missing flight plans - as a matter of urgency;
 - b) Recommend continuous monitoring of missing flight plans through:
 - 1) the AFI Tactical Action Group (TAG); and
 - 2) the conduct of regular surveys on missing flight plans on a longer period (e.g. 30 days), or at regular intervals, under the coordination of the ICAO Regional Offices;
 - c) Recommend that all States synchronize ATC systems’ clocks with the GPS time in order to meet Annexes 2 and 11 relevant provisions.

Appendices

AFI REGIONAL SURVEY ON FLIGHT PLANS							
STATE: BURKINA FASO		AIR TRAFFIC SERVICE UNIT: TWR/CCR		DATE (dd/mm/yyyy): 15/08/2011			
Flight N Or aircraft Registration	Aerodrome of departure	Aerodrome of destination	Flight plan			Transit time	Remarks
			Received on time	Not received on time	Missing		
KQA513	GABS	HKJK			X	1235/1257	
5UMBH	GLRB	DRRN			X	1318/1350	
CMM272	GABS	DXXX			X	1109/1131	
CMM292	GABS	DBBB			X	1118/1139	
TAP252	FNLU	LPPT			X	1048/1106	
MAI100	GABS	DBBB			X	0952/1014	
TAP250	FNLU	LPPT			X	0113/0119	
DTA653	LPPT	FNLU			X	0116/0132	
ARA107	DNMM	KJFK			X	0119/0137	
TAP257	LPPT	FNLU			X	0122/0141	
TAR398	DIAP	DTAA			X	0229/0256	
ETH908	GABS	DXXX			X	0942/1010	
RAM554	DNMM	GMMN			X	0724/0744	
RAM279	FCBB	GMMN			X	0634/0654	
RAM509	FKYS	GMMN	X			0637/0657	
WTA132	DBBB	DFFD	X			2229/2247	
AFR536	LFPG	DFFD	X			1900/1926	
KQA548	DBBB	DFFD			X	2125/2143	
ETH3717	EBLG	DGAA			X	0314/0324	

AFI REGIONAL SURVEY ON FLIGHT PLANS							
RAM515	GMMN	DGAA			X	0319/0337	
RAM514	DGAA	GMMN			X	0621/0638	
DTA650	FNLU	LPPT			X	0012/0029	
RAM287	GMMN	FOOL			X	0056/0117	
RAM555	GMMN	DNMM			X	0335/0356	
DTA655	LPPR	FNLU			X	0001/0017	
ARA069	DNMM	GOOY			X	2148/2207	
CMM273	DXXX	GABS	X			2037/2055	
RAM286	FOOL	GMMN			X	0619/0639	
CKS584	DNMM	LPAZ			X	2332/2353	
AFR703	DIAP	LFPG			X	2237/2257	
DTA651	LPPT	FNLU			X	1430/1436	
IFA1394	DIAP	DAUG			X	1621/1651	
AFR702	LFPG	DIAP			X	1714/1738	
CMM293	DBBB	GABS			X	2045/2103	
DAL54	KATL	DNMM			X	1403/1425	
ETH907	DXXX	GOOY			X	1407/1426	
DAH5016	DAAG	DFFD	X			2325/2350	
RAM543	GMMN	DFFD	X			2347/0003	
DHV191	DRRN	DFFD	X			2005/2020	
VBW518	DIAP	DFFD			X	1610/1621	
SKK010	DIAP	DFFFD	X			1723/1742	

AFI REGIONAL SURVEY ON FLIGHT PLANS							
VBW558	DBBB	DFFFD	X			1741/1800	
N349PH	GAMB	DFFD			X	1309/1330	
ETH927	HAAB	DFFD			X	1220/1240	
VBW522	DGAA	DFFD			X	1157/1214	
XTAC0	DFCP	DFFD	X			1115/1127	
SKK031	DRRN	DFFD	X			1839/0851	
XTESK	<i>ZZZZ</i>	DFFD	X			0906/0934	
CTM1170	DFOO	DFFD	X			0826/0855	
VBW531	DRRN	DFFD		X		0739/0754	
AFR6865	DRRN	DFFD			X	0350/0405	
DTA5039	GVNP	DFFD	X			0513/0543	
RAM535E	GMMN	DFFD			X	0349/0405	
RAM541	DRRN	DFFD	X			0543/0522	
XTESK	<i>ZZZZ</i>	DFFD	X			0906/0934	
ETH927	DFFD	DIAP	X			1339/1354	
KQA548	DFFD	HKJK	X			2303/2320	
AFR535	DFFD	LFPG	X			2256/2314	
DHV190	DFFD	DXXX	X			2121/2147	
VBW517	DFFD	DIAP	X			1310/1326	
SKK010	DFFD	DRRN	X			1823/1835	
CTM1170	DFFD	GOOY	X			1004/1034	

AFI REGIONAL SURVEY ON FLIGHT PLANS							
SKK031	DFFD	DXXX	X			0945/1000	
VBW557	DFFD	DBBB	X			0857/0912	
XTAC0	DFFFD	DFET	X			1117/1127	
VBW522	DFFD	DGAA	X			0913/0928	
DTA5039	DFFD	FPST	X			0936/0953	
FMCGR	DFFD	DFOO			X	0815/0854	
N349PH	DFFD	GABS	X			0743/0834	
AFR6864	DFFD	GABS	X			0710/0731	
XTESK	DFFD	ZZZZ		X		0715/0751	
RAM541	DFFD	GMMN	X			0621/0631	
RAM535	DFFD	DIAP		X		0525/0539	
FNY5115	DFFD	GOOY	X			0553/0700	
Total no. of flight plans			32	03	39		

AFI REGIONAL SURVEY ON FLIGHT PLANS							
STATE: BURKINA FASO		AIR TRAFFIC SERVICE UNIT: TWR/ACC			DATE (dd/mm/yyyy): 16/08/2011		
Flight N Or aircraft Registration	Aerodrome of departure	Aerodrome of destination	Flight plan			Transit time	Remarks
			Received on time	Not received on time	Missing		
DAL54	KATL	DNMM			X	1350/1412	
VGN857	DBBB	GOOY			X	0020/0039	
ARA070	GOOY	DNMM			X	0317/0338	
ETH906	GOOY	DXXX			X	0948/1010	

AFI REGIONAL SURVEY ON FLIGHT PLANS							
ARA108	KJFK	DNMM			X	1110/1131	
MAI101	DBBB	GABS	X			1041/1101	
CMM270	GABS	DBBB			X	1057/1119	
UAL991	DGAA	KIAD			X	0023/0043	
DAL55	DNMM	KATL			X	2258/2315	
ETH909	DXXX	GABS	X			1404/1425	
CMM271	DBBB	GABS	X			1912/1933	
SGG003	GABS	DRRN	X			0236/0313	
SGG004	DRRN	GABS			X	0450/0521	
CMM429	DRRN	GABS	X			1515/1538	
AFR703	DIAP	LFPG			X	2225/2245	
CLX716	ELLX	DIAP			X	0052/0111	
AFR702	LFPG	DIAP	X			1651/1711	
DTA651	LPPT	FNLU			X	1340/1358	
BEL264	DBBB	DFFD	X			2010/2029	
XTMBF	DFOO	DFFD	X			1811/1832	
AFR548	DRRN	DFFD	X			1750/1804	
N779PC	GATS	DFFD	X			1709/1737	
DHV191	DRRN	DFFD	X			1652/1703	
CMM429	GABS	DFFD	X			1145/1218	
XTESK	ZZZZ	DFFD	X			1542/1611	
XTRON	GAGO	DFFD	X			1446/1535	
VBW521	DFOO	DFFD	X			1529/1548	
BEL263	EBBR	DFFD	X			1441/1458	

AFI REGIONAL SURVEY ON FLIGHT PLANS							
RAM543	GMMN	DFFD	X			2347/0003	
XTMBD	DNAA	DFFD	X			1318/1412	
CTM1433	GOOY	DFFD	X			1144/1157	
ETH926	DIAP	DFFD	X			0958/1017	
VBW512	GABS	DFFD	X			0934/1008	
SKK011	DRRN	DFFD	X			0726/0745	
DHV190	DFFD	DXXX	X			1749/1816	
BURKINA02	DFFD	DFOO	X			1605/1031	
BEL263	DFFD	DBBB	X			1558/1613	
XTESK	DFFD	ZZZZ	X			1348/1419	
AAF532	DFFD	GABS	X			2226/2250	
VBW560	DFFD	DBBB	X			1352/1407	
CMM429	DFFD	DRRN		X		1301/1321	
ETH926	DFFD	HAAB	X			1131/1147	
VBW520	DFFD	DFOO	X			1055/1114	
XTRON	DFFD	GAGO	X			0953/1045	
WTA121	DFFD	DXXX	X			0917/0931	
SKK011	DFFD	DIAP	X			0823/0837	
N779PC	DFFD	GABS	X			0808/0900	
VBW512	DFFD	GABS	X			0734/0802	
XTMBD	DFFD	DNAA	X			0611/0631	

AFI REGIONAL SURVEY ON FLIGHT PLANS							
DAH5017	DFFD	DAAG	X			0059/0118	
RAM543	DFFD	DRRN	X			0105/0120	
AAF532	LFPO	DFFD	X			2110/2135	
TAP252	FNLU	LPPT			X	1044/1101	
RAM553	DXXX	GMMN			X	0621/0640	
RAM553	GMMN	DBBB			X	0147/0205	
TAP257	LPPT	FNLU			X	0118/0137	
DTA650	FNLU	LPPT			X	0036/0042	
RAM279	GMMN	FOOL			X	2135/2200	
VQBGG	LPPT	FNLU			X	1549/1609	
RAM554	DNMM	GMMN			X	0747/0805	
RAM292	FZAA	GMMN			X	0833/0852	
RAM293	GMMN	FZAA			X	2349/0008	
RAM539	GMMN	FOOL			X	2352/0017	
RAM507	FKKD	GMMN			X	0605/0625	
RAM555	GMMN	DMMN			X	0338/0400	
RAM539	FGSL	GMMN			X	0640/0700	
RAM514	DGAA	GMMN			X	0629/0647	
RAM515	GMMN	DGAA			X	0311/0330	
BEL264	DFFD	EBBR	X			2128/2147	
AFR547	DFFD	DRRN	X			2015/2026	
Total no of flight plans			41	01	28		

AFI REGIONAL SURVEY ON FLIGHT PLANS							
STATE: BURKINA FASO		AIR TRAFFIC SERVICE UNIT: TWR/CCR		DATE (dd/mm/yyyy): 17/08/2011			
Flight N Or aircraft Registration	Aerodrome of departure	Aerodrome of destination	Flight plan			Transit time	Remarks
			Received on time	Not received on time	Missing		
RAM551	DBBB	GMMN			X	0626/0644	
DTA651	LPPT	FNLU			X	1335/1353	
DTA652	FNLU	LPPT			X	1421/1438	
DTA653	LPPT	FNLU			X	0048/0106	
DTA650	FNLU	LPPT			X	0035/0051	
RAM293	GMMN	FZAA			X	2325/2347	
RAM284	FKKD	GMMN			X	0620/0640	
RAM279	FCBB	GMMN			X	0733/0753	
CSK587	GCLP	DNAA			X	1618/1636	
TAR297	DTTA	DIAP			X	2149/2223	
SGG004	DRRN	GABS			X	1301/1334	
SGG003	GABS	DRRN			X	1051/1124	
BEL245	DIAP	EBBR			X	2147/2205	
AFR703	DIAP	LFPG			X	2236/2257	
AFR702	LFPG	DIAP	X			1725/1744	
ETH907	DXXX	GOOY			X	1404/1419	
DAL54	KATL	DNMM			X	1405/1425	
KQA513	GABS	HKJK			X	2022/2042	
WTA152	GABS	DXXX			X	1926/1947	

AFI REGIONAL SURVEY ON FLIGHT PLANS							
EAN530	DNMM	GOOY			X	2211/2227	
CMM273	DXXX	GABS	X			1942/2002	
DAL55	DNMM	KATL			X	2252/2312	
ARA107	DNMM	KJFK			X	0224/0243	
N990EA	LPAZ	DNMM			X	1159/1223	
CMM272	GABS	DXXX			X	1131/1153	
KQA512	HKJK	GABS			X	1209/1226	
ETH908	GABS	DXXX			X	0940/1002	
VGN856	GOOY	DBBB			X	0444/0504	
RAM541	DFFD	GMMN	X			0609/0618	
SPAR70	DFFD	DNAA	X			0323/0339	
XTESK	DFFD	ZZZZ	X			0654/0731	
VBW517	DFFD	DIAP	X			0922/0937	
VBW522	DFFD	DGAA	X			0852/0908	
XTMBF	DFFD	DXNG	X			0720/0745	
AFR535	DFFD	LFPG	X			2141/2258	
ETH927	DFFD	DIAP	X			1419/1427	
VBW561	DFFD	GABS	X			1408/1434	
VBW516	DFFD	DXXX	X			1559/1615	
SKK010	DFFD	DRRN	X			1746/1804	
DHV190	DFFD	DXXX	X			1806/1832	
RAM541	DRRN	DFFD	X			0454/0512	

AFI REGIONAL SURVEY ON FLIGHT PLANS							
XTESK	ZZZZ	DFFD	X			0842/0910	
VBW517	DIAP	DFFD	X			1243/1300	
DAH5016	DAAG	DFFD	X			2338/2355	
XTMBF	DXNG	DFFD			X	1110/1138	
ETH927	HAAB	DFFD	X			1247/1310	
VBW562	GABS	DFFD	X			2121/2152	
DHV191	DRRN	DFFD	X			1700/1712	
SKK010	DIAP	DFFD	X			1637/1700	
AFR536	LFPG	DFFD	X			1924/1945	
VBW516I	DXXX	DFFD	X			1845/1905	
VBW561	DBBB	DFFD			X	1211/1230	
VBW522	DGAA	DFFD			X	1144/1204	
TAP257	LPPT	FNLU			X	0108/0127	
RAM551	GMMN	DXXX			X	0139/0157	
TAP252	FNLU	LPPT			X	1034/1052	
Total no of flight plans			24	00	32		

SURVEY ON MISSING FLIGHT PLANS
15/08/2011
BURKINA FASO

HOURS	PRIORIT Y AND TYPE	GOOO	DRRR	FCCC	FOOO	FEFF	FGSL	DIII	GGOV	FKKK	FMCN	DGAA	GABS	
0900	SS	1	X	X	X	X	X	X	X	X	X	X	X	
1000	DD		X	X	X	X	X	X	X	X	X	X	X	
1100	FF		X	X	X	X	X	X	1106- 2	X	X	X	X	X
1200	GG		X	X	X	X	X	X	1159- 2	X	X	X	X	X
1300	SS	2	1300- A	1300- A	1300- A	1302- A	1301- A	1301- A	1259- 2	1307- A	1302- A	1301- A	X	1304- A
1400	DD		X	X	X	X	X	X	1358- 2	X	X	1358- 1	X	X
1500	FF		1459- 2	X	X	X	X	X	1459- 2	X	X	X	X	X
1600	GG		1600- 2	X	X	X	X	X	1559- 2	X	X	X	X	X
1700	SS	3	1702- 2	1702- 2	1702- A	1704- A	1703- A	1703- A	1701- 2	X	X	X	X	X
1800	DD		1801- 2	1802- A	1803- A	1804- A	1803- A	1803- A	1801- 2	1808- A	1803- A	1803- A	1805- A	X
1900	FF		1900- 2	X	X	X	X	X	X	X	X	X	X	X
2000	GG		2025- 2	X	X	X	X	X	X	X	X	X	X	X
2100	SS	2	2100- A	2100- A	2100- A	2102- A	2101- A	2101- A	2100- A	X	2101- A	2106- A	2102- A	X
2200	DD		2211- 2	X	X	X	X	X	X	X	X	X	X	X
2300	FF		X	X	X	X	X	X	X	X	X	X	X	X
2400	GG		2358- 2	X	X	X	X	X	X	X	X	X	X	X

SURVEY ON MISSING FLIGHT PLANS
16/08/2011
BURKINA FASO

HEURES	PRIORIT ET TYPE	GOOO	DRRR	FCCC	FOOO	FEFF	FGSL	DIII	GGOV	FKKK	FMCN	DGAA	GABS	
0100	SS	3	X	X	X	X	X	X	X	X	X	X	X	
0200	DD		X	X	X	X	X	X	X	X	X	X	X	
0300	FF		0258-2	X	X	X	X	X	0258-2	X	X	2	X	X
0400	GG		0403-2	X	X	X	X	X	X	X	X	0419-2	X	X
0500	SS	1	0459-2	0459-A	0459-A	0501-A	X	0500-A	0458-2	0519-A	0500-A	0458-A	X	X
0600	DD		0600-2	X	X	X	X	X	X	X	X	X	X	X
0700	FF		0700-2	X	X	X	X	X	0659-2	X	X	X	X	X
0800	GG		0759-2	X	X	X	X	X	X	X	X	X	X	X
0900	SS	1	X	X	X	X	X	X	X	X	X	X	X	
1000	DD		X	X	X	X	X	X	X	X	X	X	X	
1100	FF		X	X	X	X	X	X	X	X	X	X	X	
1200	GG		X	X	X	X	X	X	X	X	X	X	X	
1300	SS	2	X	X	X	X	X	X	X	X	X	X	X	
1400	DD		X	X	X	X	X	X	X	X	X	X	X	
1500	FF		X	X	X	X	X	X	X	X	X	X	X	
1600	GG		X	X	X	X	X	X	X	X	1601-2	X	X	X
1700	SS	3	1702-A	1702-A	1701-2	1704-A	1703-A	1702-A	1702-A	X	1703-2	X	X	
1800	DD		X	X	1823-2	X	X	X	X	X	X	X	X	X
1900	FF		X	X	X	X	X	X	X	X	X	X	X	X
2000	GG		X	X	X	X	X	X	X	X	X	X	X	X
2100	SS	2	2100-2	2059-A	2100-A	2102-A	2101-A	2101-A	2100-A	X	X	2134-2	X	2120-2
2200	DD		2200-2	X	2200-2	X	X	X	X	X	X	X	X	2201-2
2300	FF		2338-2	X	2302-2	X	X	X	X	X	0003-2	X	X	X
2400	GG		2400-2	X	0002-2	X	X	X	X	X	X	X	X	X

SURVEY ON MISSING FLIGHT PLANS
17/08/2011
BURKINA FASO

HEURES	PRIORIT ET TYPE		GOOO	DRRR	FCCC	FOOO	FEFF	FGSL	DIII	GGOV	FKKK	FMCN	DGAA	GABS	
0100	SS	3	0120- 2	0103- A	0103- A	0104- A	X	0103- A	0103- A	0108- A	0103- A	X	0105- A	0106- A	
0200	DD		0210- 2	X	0215- 2	X	X	X	0217- 2	X	0220- 2	1	X	X	
0300	FF		X	X	X	X	X	X	X	X	X	X	X	X	
0400	GG		0419- A	X	0419- 2	0421- A	0420- A	0420- A	0419- A	X	0423- 2	0419- A	X	0423- A	
0500	SS	1	0510- A	0501- A	X	X	X	X	0501- A	0507- A	X	X	X	0505- A	
0600	DD		X	X	X	X	X	X	X	X	X	X	0605- A	0606- A	
0700	FF		X	X	X	X	X	X	X	X	X	X	X	X	
0800	GG		X	X	X	X	X	X	X	X	X	X	X	0807- 2	
0900	SS	3	X	X	X	X	X	X	0859- 2	X	0859- 2	X	X	X	
1000	DD		X	X	X	X	X	X	0959- 2	1031- 2	1014- 1	1000- 2	X	0958- 2	
1100	FF		X	X	X	X	X	X	1059- 2	1101- 2		1059- 2	X	1114- 2	
1200	GG		X	X	X	X	X	X	X	X	X	X	X	X	
1300	SS	1	X	X	X	X	X	X	X	X	X	X	X	X	
1400	DD														
1500	FF														
1600	GG														
1700	SS														
1800	DD		2												
1900	FF														
2000	GG														
2100	SS														
2200	DD	2													
2300	FF														
2400	GG														