



International Civil Aviation Organization
Western and Central African Office

**Fifth Meeting of the AFI Flight Plan Transition Task Force
(FPLT TF/5) (Dakar, Senegal, 31 July – 3 August 2012)**

Agenda Item 3: Status of implementation of the regional strategy – States readiness

STATUS OF IMPLEMENTATION OF THE REGIONAL STRATEGY - STATES READINESS

(Presented by the Secretariat)

SUMMARY
<p>This working paper provides a review of the AFI States' readiness in terms of Regional strategy for implementation of Amendment 1 of the 15th Edition of PANS-ATM, Doc 4444, and propose action to ensure effective progress.</p> <p>Action by the meeting is at paragraph 3.</p>
REFERENCES
APIRG/18 Report
This Working Paper is related to Strategic Objectives: A

1. INTRODUCTION

1.1 At its Eighteenth Meeting in Kampala, Uganda, 27 - 30 March 2012, the AFI Planning and Implementation Regional Group (APIRG) adopted the *AFI Strategy for the Implementation of New ICAO Flight Plan Format and Supporting ATS Messages*. The Strategy had been developed by the FPLT TF/1 in 2010 and, in accordance with the mandate in the Terms of Reference of the Task Force, given the urgency for implementation, circulated for application to States in advance of its formal adoption.

1.2 During the period of April to May 2012, four Flight Plan Coordination Workshop/ Meetings (FCWMs) were convened in Addis Ababa, Nairobi, Johannesburg and Dakar to establish status of readiness and facilitate coordination between States, in particular between air navigation service providers (ANSPs) hosting the AFI Rationalized AFTN Main Communication Centres, and those hosting the related Tributary Centres.

2. DISCUSSION

2.1 The FCWMs were hosted by the ANSPs hosting the AFI Main AFTN Communication Centres and were successfully convened at the following locations and dates:

- Addis Ababa 17-18 April 2012
- Nairobi 24-25 April 2012
- Johannesburg 8-9 May 2012
- Dakar 22-23 May 2012

2.2 Most States participated at the FCWMs to which they were invited, in accordance with the AFI Rationalized AFTN network at **Appendix A** to this working paper. In addition, the Nairobi Centre participated at the Dakar event, and the Johannesburg Centre participated at the Nairobi and Dakar events. The status of readiness as presented and discussed by the States and their ANSPs is provided at **Appendix B** to this working paper. It will be noted that many States had not met the global coordinated deadlines provided in the Regional Strategy for implementation. However, there was sufficient progress to indicate that nearly all States will be ready in advance of the implementation date, although some would have significantly limited time for testing.

2.3 A degree of uncertainty still remained with regard to a few ANSPs as they were yet to sign contracts for solution delivery with the technology vendors, or had since signed the contracts but the delivery dates were too close to the implementation date.

2.4 The Secretariat has been concerned that unless specifically contacted, despite reminders, updated information has not been received from States/ANSPs, particularly those that were facing significant delays.

2.3 The meeting may wish to review the information provided in this working paper, in particular the appendices thereto, provide updates where available and take the information into consideration in developing guidance, advice and other implementation actions.

3. ACTION BY THE MEETING

3.1 The meeting is invited to:

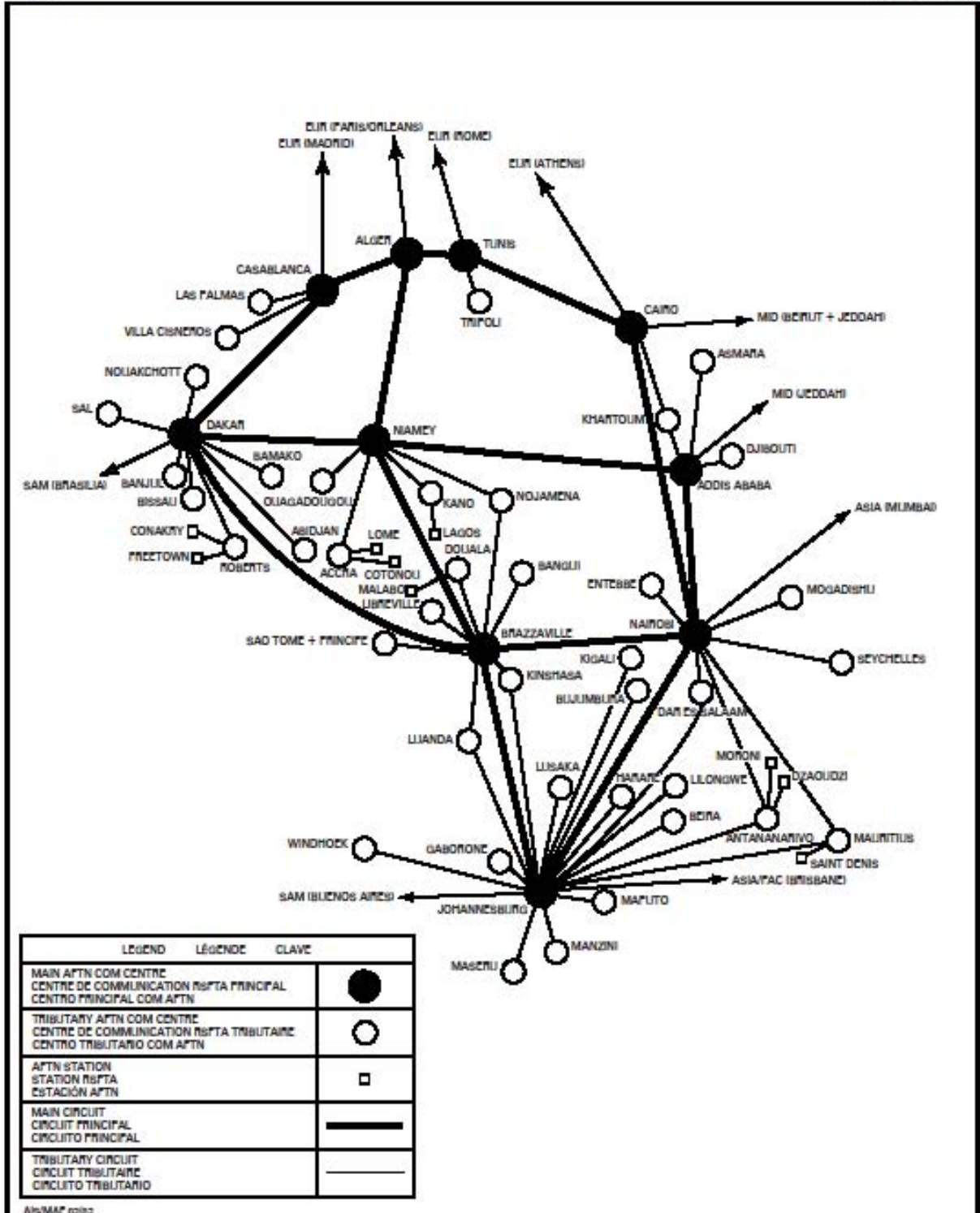
- a) note the information in this working paper;
- b) provide update on the status of readiness; and
- c) take the updated status of readiness information into consideration in addressing issues under various agenda items.

Appendix A

RATIONALIZED AFTN PLAN SHOWING MAIN AFTN CENTRES AND TRIBUTARY CONNECTIONS
 PLAN DE RSFTA RATIONALISE (CENTRES RSFTA PRINCIPAUX ET LES LIAISONS TRIBUTAIRES)
 PLAN DE LA AFTN PARA LA REGION AFI (CENTROS PRINCIPALES AFTN Y ENLACES TRIBUTARIOS)

AFI FASID

CHART CNS 1A





FCWM-Addis Ababa

OUTCOME OF GROUP DISCUSSIONS AND AGREED ACTIONS

TECHNICAL INTEROPERABILITY ISSUES		
State/ANSP	Action Required	Timeline
Djibouti	<ul style="list-style-type: none"> Has agreed with Ethiopia for equipment testing and provision of training through an LOA. Djibouti is to formally communicate to ECAA specific requirements based on training times and available spaces indicated by ECAA during the FCWM Addis in April. 	On 25 June 2012
	<ul style="list-style-type: none"> Djibouti will install a client terminal to be used for testing of the NEW FPL, and will support both PRESENT and NEW. 	
	<ul style="list-style-type: none"> Djibouti will provide documentation on FDMs to Ethiopia CAA by 8 June 2012. 	By 8 June 2012
	<ul style="list-style-type: none"> Testing of the NEW FPL between Addis Ababa and Ethiopia will commence on 25 June 2012. 	As of 25 June 2012
Ethiopia	<ul style="list-style-type: none"> Is ready to test processing of the NEW flight plan with other ANSPs. 	
	<ul style="list-style-type: none"> Has agreed through an LOA with Djibouti to coordinate testing of new equipment and training support to Supervisors. 	
	<ul style="list-style-type: none"> Has agreed with Saudi Arabia to check the compatibility of their systems for exchange of the NEW FPL during the test period. 	
	<ul style="list-style-type: none"> Ethiopia to take up issue relating to missing flight plans with Jeddah FIR immediately particularly for flight to/from Dubai. They are to verify points of loss of the flight plans. 	Immediately
Rwanda	<ul style="list-style-type: none"> Is to communicate detailed progress and update to ICAO on progress, noting the delays that have already been experienced in implementation of the NEW FPL, as per ICAO transition timelines. 	
Saudi Arabia	<ul style="list-style-type: none"> Has offered assistance to other centres on request for conversion of the NEW FPL. 	
	<ul style="list-style-type: none"> Has agreed for cooperation with Sudan. Can provide support by relaying and sending ATS messages using a separate counter. 	
	<ul style="list-style-type: none"> Will be ready to conduct tests with Sudan and other ANSPs as of June 2012. 	As of June 2012
	<ul style="list-style-type: none"> Saudi Arabia to send contact details for technical engineers to Sudan. 	

Sudan	<ul style="list-style-type: none"> • Has agreed on cooperation with Saudi Arabia in support of the NEW FPL implementation. Sudan to send a formal letter to Saudi Arabia General Authority of Civil Aviation (GACA) preferable by 1 May 2012, to formalize the request for support. A letter of agreement is to be signed by both parties concerning the support and conversion of FPL from NEW to PRESENT format. 	By 1 May 2012
	<ul style="list-style-type: none"> • Sudan to follow-up with vendors vigorously in order to meet the set timelines. Recognition is to be given to potential impact of non- implementation in the Khartoum FIR, which would be significant, given that Khartoum is a major continental FIR. It is further noted that some vendors have already started to express inability to meet the Regional transition deadlines. 	
All	<ul style="list-style-type: none"> • States/ANSPs to address the issue of missing flight plans immediately. • States to keep ICAO updated on progress, particularly on such milestones as signing of solution deliver with vendors and update (or reaffirmation) of various related transition activity dates. • Each and every State/ANSP is to review their procedures compliance thereto as well as training related to initiating and process of ATS messages, and implement necessary corrective action with immediate effect. The measures include establishment of procedures and appropriate training, where the procedures are not already established. 	Immediately

--- END ---



FCWM-Nairobi

OUTCOME OF GROUP DISCUSSION AND AGREEMENT BY STATES

TECHNICAL INTEROPERABILITY ISSUES		
State/ANSP	Action Required	Timeline
DRC	<ul style="list-style-type: none"> Flight plans not being received from DRC 	
Ethiopia	<ul style="list-style-type: none"> No issues recorded. 	
Kenya	<ul style="list-style-type: none"> Kenya has maintenance contract issue to address (will address impact on the 15th of November implementation) 	
	<ul style="list-style-type: none"> Kenya to address interoperability issue between internal systems (Eurocat & Thales). 	
	<ul style="list-style-type: none"> Kenya to correct system time which has up to 14 minutes transit time difference (clock time stamp) Kenya to advise concerned States & ICAO by 4 May 2012, when the problem will be fixed. 	By 4 May 2012
	<ul style="list-style-type: none"> Kenya's switch system takes time to recover after a failure and re-sets to 0000, without keeping the days numbers. Problem to be investigated and rectified. Kenya to seek assistance from other parties and/or the vendor. 	
Madagascar	<ul style="list-style-type: none"> Entebbe was concerned with the transit times of AFTN messages received from Madagascar. Entebbe to further coordinate with Madagascar to have this issue resolved. 	
Mauritius	<ul style="list-style-type: none"> Entebbe was concerned with the transit times of AFTN messages received from Mauritius. Entebbe to further coordinate with Mauritius to have this issue resolved. 	
Seychelles	<ul style="list-style-type: none"> Seychelles was not present. There was a concern that an AFTN terminal in Seychelles was not properly connected. Nairobi to coordinate with Seychelles in order to address this issue. 	
	<ul style="list-style-type: none"> Mogadishu was not receiving FPL originating from Seychelles. Mogadishu, Seychelles and Nairobi to coordinate. 	
Somalia (CACAS)	<ul style="list-style-type: none"> Somalia (CACAS) has manual FPL operation. In order to address filing of the NEW FPL, it was identified that staff need to be familiar with the changes in fields 10 and field 18. 	
	<ul style="list-style-type: none"> Somalia to implement checks and balances, including quality management system to assure quality of data transmitted. 	
	<ul style="list-style-type: none"> IAT Template needs to be upgraded, THALES to be approached. 	
	<ul style="list-style-type: none"> Staffing level - Needs to be addressed in-house, a shortage of staff has been identified. 	
	<ul style="list-style-type: none"> Training plan for ICAO 2012 FPL implementation - Will approach various organizations to look at addressing the training needs before end of June 2012. 	Before end June 2012
	<ul style="list-style-type: none"> Will issue a circular to all operators providing instructions on training requirements with regard to the NEW FPL. 	Immediately
	<ul style="list-style-type: none"> Communication infrastructure is lacking for now. Somalia is not able to transmit FPL and can receive only. No FPL is transmitted in the country, only radio estimates given to next FIR. NOTAM issued indicating requirement for operators 	

	to file their FPLs in adjacent FIR's.	
	<ul style="list-style-type: none"> • AMHS implementation in 2013 will address lack of communication in the country. To be implemented in phase 2. 	In 2013
	<ul style="list-style-type: none"> • An alternate to the Nairobi circuit required, in case of systems failure. Has indicated intention to approach NAFISAT for alternate circuit. Somalia will also approach the CNS SG for advice. AMHS was recommended as a solution. 	
	<ul style="list-style-type: none"> • Somalia is still not assured that it is ready for ICAO FPL 2012, even though it has a manual system for processing flight data. 	
	<ul style="list-style-type: none"> • THALES will be contracted to upgrade IAT template, staff working in the FIC just need to be ready and familiar with the new requirements in fields 10/18. 	
	<ul style="list-style-type: none"> • Test to be coordinated with South Africa and Kenya for AFTN to AFTN. 	
South Africa	<ul style="list-style-type: none"> • No issues recorded. 	
Tanzania	<ul style="list-style-type: none"> • Tanzania has communication challenges with other national and adjacent stations. VSAT is being considered as an option. VSAT Board to be approached. 	
	<ul style="list-style-type: none"> • Tanzania to implement AMHS in a strategic plan, in July 2012. 	By July 2012
	<ul style="list-style-type: none"> • Contract for AMHS not yet signed with vendor. This is expected to be finalized by mid-May 2012. 	By May 2012
	<ul style="list-style-type: none"> • Current maintenance contract has been identified as lacking in proper assistance. Deficiencies identified to be considered for inclusion with new contract. 	
	<ul style="list-style-type: none"> • There is no back-up communication system. This is to be addressed in-house by TCAA. 	
	<ul style="list-style-type: none"> • Concern was raised with regard responses to queries from Tanzania CAA which were not being addressed. Tanzania requested to implement processes to ensure that queries from other states are addressed promptly. There has been no response from Tanzania regarding information on AMBEX. 	
Uganda	<ul style="list-style-type: none"> • No contract signed yet with vendor, this could possibly be finalized by May 2012. According to information provided, it will take the vendor 5 to 6 months to implement after the contract has been signed. 	By May 2012
	<ul style="list-style-type: none"> • Uganda to approach Kenya to negotiate a Letter of Understanding (LOU) for assistance. 	
	<ul style="list-style-type: none"> • Uganda has only one communication centre (Automation of other units) 	
	<ul style="list-style-type: none"> • Implementation of AMHS has been delayed; new implementation date is from July 2012. It is expected that AMHS will address all internal communication infrastructure. 	From July 2012
	<ul style="list-style-type: none"> • Uganda has a VSAT AFTN Link to Entebbe. 	
	<ul style="list-style-type: none"> • FPL 2012 Training; will engage with other States to search for a solution. 	
All AFI States	<ul style="list-style-type: none"> • As part of addressing the issue of missing flight plans, States are to review their procedures, compliance thereto and training related to initiation and response to RQS/RQP messages and to implement necessary corrective action with immediate effect. 	Immediately

JOHANNESBURG FCWM SUMMARY SHEET (Birchwood Hotel, 8-9 May 2012)

Tributary	country	Automated FPL system yes/no	System Vendor	will this be upgraded?	software implementation date	testing date	operational commissioning	ANSP testing date	users testing date	Automated ATM system yes/no	will this be upgraded?	System Vendor	software implementation date	testing date	operational commissioning	ANSP testing date	users testing date	Accepting FPL in new and present format date	Accepting FPL in NEW format only (15 NOV 2012)	Operational contact person	tel / mobile	e-mail		
FAIS	South Africa	yes	THALES	yes	01-jun-12	1-6 June 2012	06-jun-12	06-jun-12	1 July 2012-14 November 2012	yes	yes	THALES	same as AIM system	same as AIM system	same as AIM system	same as AIM system	same as AIM system	20-sep-12	15-nov-12	Lindi-Lee Kirkman / Francois Coetzee	(+27 119286523 / 0825699852 / 116071281)	LindiL@atms.co.za / FrancoisC@atms.co.za		
No additional comments. MISSING FPL - Clocks - GPS Auto Sync - Transit times - within same min. Comm. links - On the whole stable. Challenges with hardware in customs when some VSAT equipment has challenges. Internal system delays - erroneous FPL queue in ATM system or incorrect addressed FPL - response TO MESSAGES - when messages are sent - responses are received. FAIS system auto response to RQP and RGS messages received.																								
FRSK	Rwanda	yes	Libitech	yes	1-30-sep-2012	1-30-sep-2012	30-sep-12	oct-12	oct-12	yes	yes	Rwairborn	same as AIM system	same as AIM system	same as AIM system	same as AIM system	same as AIM system	same as AIM system	24-12-12	16-nov-12	Samuel Mbaakani / Jobe Mallefou	(+2671 368 8200 / 0172272905 / 01 71651170)	SamuelMbaakani@air.rw / JobeMallefou@air.rw	
Operational expected from Baybawa / libitech on 14 May 2012 and expect to sign soon there after. Will send ICAO regional office update by 18 May 2012. MISSING FPL - track force formed. Clocks on GPS auto sync. Message switch clock is sometimes behind. timer stops running then manual intervention to restart. transit times delays. equips equips. comm. links - local links on telecom. can be unreliable and take time to be restored. Internal system delays - messages queue at FDP and must be manually manipulated or deleted. FMS does running occasionally.																								
FCBB	DRC																							
No in attendance																								
FDWS	Swaziland	no	VSAT - ATNS	YES	jun-12	jun-12	jun-12	jun-12	jun-12	no	no	n/a	n/a	n/a	n/a	n/a	n/a	n/a	22-02-12	15-nov-12	Francis Kawoya / Nthandiso Dube	(+268 25184344 / 076074828 / 76262182)	kawoya@gmail.com / nthandiso@swazila.co.za	
No further comments. Missing FPL - Clocks synchronised manually with FAIS area control sector via telephone. Transit times - no noticeable difference. Comm. links - VSAT AVBL good. internal system delays occasionally due to manual faxing of FPL to AIC and distance that has to be walked.																								
FNIP	Malawi	yes	Copernicus	yes	completed	completed	completed	jun-12	jun-12	yes	yes	THALES	completed	completed	completed	completed	completed	completed	completed	completed	Director CAA	(+260 6032000)	info@airnav.mw	
Operational. On-line. Available to commence within 48 hours and air traffic query as they become ready. Missing FPL - Transit times - no problems. Clock linked to AIC system GPS. FPL from Dubai with a 2 min time diff. Manual check also done. DV issue with UAE flights from Dubai. Trend for a few days at a time then ok for a while. lesser extent UAE flights from Jeddah. no FPL - ICAO regional office to provide FMM with feedback as to who are having challenges with FPL from DLR. (260) 211271125 / 0 977495215 / 0 stanley.sital@caa.mw / stanley.sital@airnav.mw																								
FLKS	Zambia	yes	Libitech	yes	01-jul-12	01-jul-12	01-sep-12	Aug/Sept 2012	2012	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Stanley Sital / Jacqueline Malamba	(+260) 99282771	stanley.sital@caa.zm / jacqueline.malamba@caa.zm	
Back up manual for manual operations in the event of being unable to be installed by end of June 2012. Missing FPL - Clock auto updates with GPS. OIG ATN notices that it sometimes down. Displacement work is underway. Switch also linked to AIM system, but sometimes do not exchange info. Comm. link - local telecom unreliable on leased lines, move to fibre optic and VPN internet several possible service providers. Internal processes - standard operations. don't see DLA here. Service messages are automated. FMS does running when system is down.																								
FMFM	Madagascar																							
Not in attendance																								
FMU	Zambia																							
Not in attendance																								
FMMA	Malawi	no	Copernicus	no	20-jun-12	25-jul-12	30-jul-12	30-jul-12	30-jul-12	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Jean Baptiste / Dailis A. Amadi	(+260 82661020 / 0 82056270)	jeanbaptiste@gmail.com / dailisamadi@yahoo.com	
No further comments. MISSING FPL - Clocks - FMMA MANUAL CHECKS VERIFIED AGAINST FQBR which has GPS clock. Transit times - within the same min. Links - VSAT to FAIS no main problems. Internal links sometimes challenge moving to domestic VSAT with local telecom to improve reliability. Internal system delays - RELATED TO NETWORK CHALLENGES. response to messages - NO ISSUES.																								
FSA	Senegal																							
Information avail from the Kenya FCWM report																								
FNVA	Zimbabwe	yes	Copernicus	yes	jun-12	jun-12	jun-12	jun-12	jun-12	no	no	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Colin Farway / Erick Chavandava	(+263 4585006 / 0772422031 / 0 712867855)	chavandava@caa.zw / erick@caa.zw	
Radar system upgrade/Replacement due to take place from 2013. Current ATM Operations will use the Comsoft AMMS strip printers in the interim compliant to FPL 2012. MISSING FPL - clocks - auto GPS sync. Transit time - within the same min. Comm. Links - VPN network and VSAT network links reliable. Internal system DELAYS - none. Response to messages - manual response from queued messages.																								
FNLL	Malawi	yes	Technidigit	yes	15-jul-12	15-jul-12	20-jul-12	20-jul-12	20-jul-12	yes	yes	Technidigit	same as AIM system	same as AIM system	same as AIM system	same as AIM system	same as AIM system	same as AIM system	same as AIM system	same as AIM system	same as AIM system	Dina Wairani / ABEI Dongwe	(+265 88882494 / 01770577 / 88887654 / 0 1770577)	dawairani@yahoo.co.uk / dinawairani@yahoo.com
Will move in line with ANSP VSAT Transposition dates. Full commitment from Government in support of this project received in March 2012 - missing FPL - CLOCKS AUTO SYNC WITH GPS. Transit time - no problem. Comm. Links - leased lines reliable. Internal system delays - NO ALARM TO ALER opt OF MESSAGES in queue. power system unreliable and can cause delays. response to messages - human attitude to responding to messages needs attention.																								
FNMM	Lesotho	yes	VSAT - ATNS	YES	jun-12	jun-12	jun-12	jun-12	jun-12	no	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Ntsoang Joseph Molefi / Jacob Legolele	(+266) 22350115 / 0 58077517 / 22350362 / 0 48498404	jomolefi@airdate.org / jacoblegolele@airdate.org	
No further comments. Missing FPL - INTERNAL CLOCKS automatic sync with GPS. Transit delays - not experienced. Comm. links - STABLE/AVBL. INTERNAL SYSTEM DELAYS - none. QUERIES - no problems.																								
FNVM	Namibia	no	Copernicus	no	completed	completed	operational	jun-12	jun-12	no	no	THALES / converter (Kopergelinas)	jun-12	jun-12	jun-12	jun-12	jun-12	jun-12	jun-12	jun-12	Veronica Kandjibanga-Aderye / Hilma Letzard	(+264 61702080 / 0 812470437 / 0 812455813)	aderye@ca.na / hilma@ca.na	
Installing a Copernicus converter between ATN and Eurocr X. missing FPL - clocks - auto sync GPS. Transit times - within the same min. Comm. Links - local Telecoms lines some LAN some dial and some on fibre. Internal system delays - none. Response to messages - no challenges. Namibia to send ICAO regional office a copy of procedures around missing FPL by end of May 2012.																								
FZA	Congo																							
Not in attendance																								
FNBA	Burundi	no	VSAT - ATNS	YES	jun-12	jun-12	jun-12	jun-12	jun-12	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Dominique Ntawuhakankwa	(+257) 78818747	dominique@airnav.burundi	
No further comments. Missing FPL - Clocks - auto sync with GPS. Will confirm this to ICAO regional office by 18 May 2012. Transit times - Kenya messages 14 mins out. Comm. Links - VSAT to FAIS. Flight from East Congo do not have FPL. Internal sys delays - manual system. Response to messages - no issue.																								
FNBR	Burundi																							
Not in attendance																								
HTDA	Tanzania	yes	Leica	yes	01-mai-12	June/July 2012	20-sep-12	Aug/Sept 2012	August/September 2012	yes	yes	Leica	same as AIS system	same as AIS system	same as AIS system	same as AIS system	same as AIS system	same as AIS system	August/September 2012	August/September 2012	Seron Kesoy / Ali Chang'a	(+255 0 754493852 / 0 752893480)	kesoy@caa.go.tz / changa21004@yahoo.co.uk	
Challenge that there is no backup system for ATN. Missing FPL - clock in GPS sync via network. Transit times are a few seconds time stamp is the same. Comm. Links - Telecom company lines are unreliable and take long to repair. This contributes to delays in distribution to ATN's. Telecom company network infrastructure is vulnerable thus move to fibre-optic links. system generates an error with F081 and F10. FPL is received, this will be addressed with upgrade. Training (in question. Tanzania to inform ICAO regional office WU 7 days.																								
Inter regional hub																								
YBBB	Australia																							
LEEE	Spain																							
SAIZ	Germany																							
GOOO	Swaziland																							
HNNA	Kenya																							
FCBB	Gabon																							

Action Items for all states:

- Provide training plan to ICAO
- Keep ICAO informed re implementation status
- Inform ICAO regarding contact person and details and keep them up to date
- States to indicate to ICAO regional office that procedures around message handling are in place and are applicable and current and in use. 30 May 2012.
- States to communicate by e-mail to the focal points what ATM/CNS systems are in use.
- States to advise ICAO regional office and copy participants what IAP (IAP AMENDMENT, AIP SLIP and AIC) do you have and when was last updated. By 30 May 2012.
- VIP flights - FPL are filed incorrectly (wrong DEP and times etc) FPL logs etc. this needs to be passed to the FPL TF and ask sub group for regional guidance.
- As states are ready for testing they are to formally advise the applicable state via e-mail and formal test procedures will be agreed to with specific dates, times and conditions.
- ICAO regional office to provide states with an AIC, example re file 2012. www.eurocontrol.int web page provides good guidance material (AIC and Training)
- Missing flight plans common problems**
- Unsyncronised clocks
- Delayed transit times
- Communication links
- Internal system delays
- Lack of proper use of service message (RQP/RGS)
- No response to query messages

Air Navigation Issues/challenges that impact on FPL -

- Zambia - investment in the CNS/ATM infrastructure is challenging despite it being necessary with legacy systems. There is an investment plan in place for the next 5 years.
- Swaziland - currently disposing of legacy equipment that may be useful to other states. Interested states can approach Swaziland and discuss co-operation. It is suggested that on a regional bases we should be aware of who shares similar systems for possible co-operation.
- Botswana - communication from ICAO regional office tends to be received late. ICAO informed that states (DG OFFICES) acknowledge receipt of the documents, however they do not seem to filter to the necessary, applicable persons. FPL 2012 focal points are also sent a copy of the invite.
- Lesotho - there is a challenge around a requirement for more staff. Challenges around international travel approval and attendance of important meetings.
- Malawi - attendance of meetings is not always the correct person (the one who does the job) and they do not train/pass on the information. Task is delegated to someone else who has to work from documentation.
- Zimbabwe - lack of knowledge on new terms such as PBN etc... suggesting a new training module to address this challenge. Encourage engineering staff to interact without ICAO facilitation.
- Mozambique - the AIS to AIM transmission, there needs to be more localised, sub-regional workshops to improve understanding and address challenges
- Namibia - applicable ICAO communication doesn't seem to make it to the applicable people.
- Burundi - training for staff is a challenge.
- South Africa - the lack of on time aeronautical information

Dakar FCWM summary sheet

	country	Automated FPL system yes/no	System Vendor	will this be upgraded?	software implementation date	testing date	operational commissioning	ANSP testing date	users testing date	Automated ATM system yes/no	will this be upgraded?	System Vendor	software implementation date	testing date	operational commissioning	ANSP testing date	users testing date	Accepting FPL in new and present format date	Accepting FPL in NEW format only (15 NOV 2012?)	Operational contact person	tel / mobile	e-mail	
	BENIN	PLANNED FOR 2013	N/A	N/A	N/A	N/A	N/A	N/A	N/A	NO	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Jul-12	Nov-12			
COMMENTS:																							
	BURKINA FASO	PLANNED FOR 2013	N/A	N/A	N/A	N/A	N/A	N/A	N/A	yes - strip printer	to be replaced by FDPS	tender	Jul-12	Jul-12	Jul-12	Jul-12	Jul-12	Jul-12	Jul-12	Nov-12			
ADDITIONAL COMMENTS: tender to replace strip printers with FDPS in 2013. CLOCK: GPS. TRANSIT TIMES: within same min. COMM LINKS: VSAT/AFISNET STABLE. CHALLENGES: none. TRAINING: COMMENCED, WILL BE READY.																							
	CAMEROON	PLANNED FOR 2013	N/A	N/A	N/A	N/A	N/A	N/A	N/A	yes - strip printer	to be replaced by FDPS	tender	Jul-12	Jul-12	Jul-12	Jul-12	Jul-05	Jul-12	Nov-12	Komguem Magni / Temfack Victor	(237) 33 429292 / 99 00 2550 / 99986160 / 99986160	komguemagniao@asecna.org / victorfack@yahoo.fr / temfackvic@asecna.org	
ADDITIONAL COMMENTS: NONE. CLOCK: GPS. TRANSIT TIMES: WITHIN 1 MIN. COMM LINKS: VSAT/AFISNET stable. CHALLENGES: none. TRAINING: commenced.																							
	CENTRAL AFRICAN REPUBLIC	YES	COROBOR AFTN	YES	Jul-12	Jul-12	Jul-12	Jul-12	Jul-12	NO	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Jul-12	Nov-12	ZOUNGARANI Liliane / KIAPO Alexandre	23675504943 / 236 75752598	centyess@yahoo.fr / akiaps@yahoo.fr
ADDITIONAL COMMENTS: NONE. CLOCK: GPS. TRANSIT TIMES: WITHIN SAME MIN. COMM LINKS: VSAT STABLE. CHALLENGES: NONE. TRAINING: COMMENCED.																							
	CHAD	YES	COROBOR AFTN	YES	Jul-12	Jul-12	Jul-12	Jul-12	Jul-12	YES	Thales (strip printer)	12-Apr-12	Apr-12	Apr-12	Apr-12	n/a	n/a	Jul-12	Nov-12	Bemadjibaye Alkader / Dovonucopdi Gustave	(235) 90148268	bemadjibayealk@asecna.org	
ADDITIONAL COMMENTS: none. CLOCK: GPS. TRANSIT TIMES: wi same min. COMM LINKS: vsat. CHALLENGES: none. TRAINING: in progress.																							
PRESENT, NO INFORMATION PROVIDED	DEM REP OF CONGO																						
NO INFO AVBL. ADDITIONAL COMMENTS: CLOCK: TRANSIT TIMES: COMM LINKS: CHALLENGES: TRAINING:																							
	COTE D'IVOIRE	YES	COROBOR AFTN	YES	Jul-12	Jul-12	Jul-12	Jul-12	Jul-12	YES	Thales (strip printer)	12-Apr-12	Apr-12	Apr-12	Apr-12	n/a	n/a	Jul-12	Nov-12				
ADDITIONAL COMMENTS: CLOCK: TRANSIT TIMES: COMM LINKS: CHALLENGES: TRAINING:																							
	GABON	YES	COROBOR AFTN	YES	Jul-12	Jul-12	Jul-12	Jul-12	Jul-12	NO	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Jul-12	Nov-12	Lindzondzo Balemou Amelina	(+241) 05 182262	mbouroubailem@yahoo.fr / lindzondzobalemouame@asecna.org
ADDITIONAL COMMENTS: CLOCK: TRANSIT TIMES: COMM LINKS: CHALLENGES: TRAINING:																							
	GUINEE EQUATORIALE	YES	COROBOR AFTN	YES	Jul-12	Jul-12	Jul-12	Jul-12	Jul-12	no	N/A	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Jul-12	Nov-12	Mbulu Obiang Vvngilio / Gil Esopi Bolekia	(+240)222 792150 / 273944	MBULUOBIANGVIR@asecna.org/GUINEEE QCHEFENA@asecna.org
ADDITIONAL COMMENTS: none. CLOCK: GPS. TRANSIT TIMES: COMM LINKS: none. CHALLENGES: none. TRAINING: 15 June 2012.																							
	LIBERIA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	NO	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Jul-12	15-Nov-12			
ADDITIONAL COMMENTS: CLOCK: GPS. TRANSIT TIMES: LESS THAN 1 MIN. COMM LINKS: VSAT stable. CHALLENGES: none. TRAINING: done.																							
	MADAGASCAR	YES	SAGEM AFTN	YES	Jul-12	Jul-12	Jul-12	Jul-12	Jul-12	YES	Thales (strip printer)	Apr-12	Apr-12	Apr-12	1-Apr-12	n/a	n/a	Jul-12	15-Nov-12	ANDRIQNIERENANA NARY	(+261) 332337034	ANDRIANIERENANANAR@ASECNA.ORG	
ADDITIONAL COMMENTS: CLOCK: TRANSIT TIMES: COMM LINKS: CHALLENGES: TRAINING:																							
	MALI	PLANNED FOR 2013	N/A	N/A	N/A	N/A	N/A	N/A	N/A	yes - strip printer	to be replaced by FDPS	tender	Jul-05	Jul-05	5-Jul-05	Jul-05	Jul-05	Jul-12	15-Nov-12				
ADDITIONAL COMMENTS: CLOCK: TRANSIT TIMES: COMM LINKS: CHALLENGES: TRAINING:																							
	MAURITANIA	PLANNED FOR 2013	N/A	N/A	N/A	N/A	N/A	N/A	N/A	yes - strip printer	to be replaced by FDPS	tender	Jul-05	Jul-05	5-Jul-05	Jul-05	Jul-05	Jul-12	15-Nov-12				
COMMENTS:																							
	NIGER	YES	COROBOR AFTN	YES	19-Jul-12	20-Jul-12	26-Jul-12	27-Jul-12	26-Jul-12	YES	Thales (strip printer)	12-Apr-12	Apr-12	Apr-12	Apr-12	n/a	n/a	Jul-12	15-Nov-12				
ADDITIONAL COMMENTS: CLOCK: TRANSIT TIMES: COMM LINKS: CHALLENGES: TRAINING:																							
	ROBERTS FIR	YES	Intelcan	yes	completed	completed	completed	26-Jul-12	2-5 Aug 2012	yes	same as AIM	completed	completed	completed	same as AIM system	same as AIM system	same as AIM system	Jul-12	15-Nov-12	Buya Mansaray / Philip B Trye	(231) 886974149 / 886887160	bsmansaray9@gmail.com / bobsonjr2004@yahoo.com	
ADDITIONAL COMMENTS: CLOCK: GPS. TRANSIT TIMES: LESS THAN 1 MIN. COMM LINKS: VSAT stable. CHALLENGES: none. TRAINING: done.																							
	SENEGAL	YES	COROBOR AFTN	YES	19-Jul-12	20-Jul-12	27-Jul-12	27-Jul-12	26-Jul-12	YES	Thales (strip printer)	12-Apr-12	Apr-12	Apr-12	Apr-12	n/a	n/a	Jul-12	15-Nov-12				
ADDITIONAL COMMENTS: none. CLOCK: GPS. TRANSIT TIMES: wi same min. COMM LINKS: vsat. CHALLENGES: none. TRAINING: in progress.																							
	TOGO	PLANNED FOR 2013	N/A	N/A	N/A	N/A	N/A	N/A	N/A	NO	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Jul-12	Nov-12			
ADDITIONAL COMMENTS: CLOCK: GPS. TRANSIT TIMES: less than 1 min. COMM LINKS: VSAT - ok. CHALLENGES: none. TRAINING: has commenced and will be on time.																							
	UNION DES COMORES	YES	COROBOR AFTN	YES	19-Jul-12	20-Jul-12	27-Jul-12	27-Jul-12	26-Jul-12	YES	Thales (strip printer)	Apr-12	Apr-12	Apr-12	1-Apr-12	n/a	n/a	Jul-12	15-Nov-12	SOULE Omar	(+269) 323 32 23	SOULEOma@asecna.org	
ADDITIONAL COMMENTS: CLOCK: GPS. TRANSIT TIMES: less than 1 min. COMM LINKS: VSAT - ok. CHALLENGES: none. TRAINING: has commenced and will be on time.																							
	CAPE VERDE	YES	INDRA	YES	30-May-12	Jun-12	26-Sep-12	Jul and Aug 2012	Jul and Aug 2012	yes	YES	INDRA	same as AIM system	same as AIM system	same as AIM system	same as AIM system	same as AIM system	15-Sep-12	15-Nov-12	Aristides Martins / Jose Carlos Fernandes	(238) 24 12090 / 99 15602 / 2419200	tidesmartins@gmail.com / jcarlos@asa.cv	
ADDITIONAL COMMENTS: CLOCK: GPS. TRANSIT TIMES: within same min. COMM LINKS: VSAT stable. CHALLENGES: none. TRAINING: planned for Sep and Oct 2012.																							
	CONGO	yes	COROBOR AFTN	YES	19-Jul-12	20-Jul-12	27-Jul-12	26-Jul-12	26-Jul-12	YES	Thales (strip printer)	Apr-12	Apr-12	Apr-12	1-Apr-12	n/a	n/a	Jul-12	15-Nov-12	mabiala Gral Quiji / Goita Issa Salif	+242 06 9920474 / 9920454	mabialambabiagla@asecna.org / goitaiss@asecna.org	
ADDITIONAL COMMENTS: none. CLOCK: GPS. TRANSIT TIMES: within the 5 min. COMM LINKS: links btn Brazzaville and Kinshasa link obsolete and in discussions to get new, and Brazzaville and Luanda not operational. SADC VSAT hardware problems. CHALLENGES: none. TRAINING: from 15 June 2012.																							
	GHANA	YES	Copper chase CHG to Comsoft replacement	May/June 2012	Jul-12	1-Jul-12	7-Jul-12	Jul-12	Jul-12	YES	Alenia Marconi	yes	2-Jul-12	Jul-12	Jul-12	Jul-12	Jul-12	Jul-12	Jul-12	15-Nov-12	Dan Mensah / Sadiq Osman	(233) 244635453 / 243188108	danmensa@yahoo.com / sadeisco@yahoo.com
ADDITIONAL COMMENTS: none. CLOCK: GPS. TRANSIT TIMES: 1 MIN. COMM LINKS: VSAT INTERMITTED. CHALLENGES: INTERMITTENT COMM LINKS, NO SPAIRS, planned replacement. State to provide information regarding replacment plans to ICAO by end of May 2012. TRAINING: on going.																							
	BISSAU GUINEA	YES	COROBOR AFTN	YES	19-Jul-12	20-Jul-12	26-Jul-12	27-Jul-12	26-Jul-12	no	N/A	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Jul-12	15-Nov-12			
ADDITIONAL COMMENTS: CLOCK: TRANSIT TIMES: COMM LINKS: CHALLENGES: TRAINING:																							
	KENYA	YES	EGISAVIA	YES	24-May-12	Jul-12	Jul-12	Jul-12	Jul-12	yes	yes	Thales Eurocat	Aug-12	Aug-12	Aug-12	Aug-12	Aug-12	Aug-12	Jul-12	15-Nov-12	Maina	2.54721E+11	jkmaina@kcaa.or.ke
ADDITIONAL COMMENTS: none. CLOCK: GPS (manual). TRANSIT TIMES: 1 min. COMM LINKS: stable VSAT. CHALLENGES: none. TRAINING: started.																							
	MOROCCO	yes	INDRA	yes	JUNE 2012	10-15 JUNE	15 JUNE	JULY	1 July 2012-14 November 2012	YES	YES	INDRA	same as AIM system	same as AIM system	same as AIM system	same as AIM system	same as AIM system	15-Oct-12	15-Nov-12	KAITER/JAMAL EL ASSAL MOHAMMED	212660100051/212660100062	j.kaiter@onda.ma / m.lassal@onda.ma	
ADDITIONAL COMMENTS: CLOCK: TRANSIT TIMES: COMM LINKS: CHALLENGES: TRAINING:																							
	Guinea Conakry	NO	N/A	N/A	N/A	N/A	N/A	N/A	N/A	NO	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Jul-12	15-Nov-12	Mamadou Saliou Diallo	(224)64776382 / 68981747	saliou2ana@yahoo.fr
ADDITIONAL COMMENTS: CLOCK: GPS. TRANSIT TIMES: LESS THAN 1 MIN. COMM LINKS: VSAT stable. CHALLENGES: none. TRAINING: done.																							
	SIERRA LEONE	NO	N/A	N/A	N/A	N/A	N/A	N/A	N/A	NO	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Jul-12	15-Nov-12			
ADDITIONAL COMMENTS: CLOCK: GPS. TRANSIT TIMES: LESS THAN 1 MIN. COMM LINKS: VSAT stable. CHALLENGES: none. TRAINING: done.																							
	ANGOLA	YES	COMSOFT AMHS	YES	25-Apr-12	30-Apr-12	Jun-12	Jun-12	Jun-12	no	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Jul-12	15-Nov-12	Marcelina Sapalo	+244923501927	msapalo@enana-ao.com
ADDITIONAL COMMENTS: none. CLOCK: GPS. TRANSIT TIMES: 2 MIN. COMM LINKS: reliable. CHALLENGES: would like to impliment a domestic VSAT network. TRAINING: completed.																							
	NIGERIA	no	on tender	yes	aug/sep 2012	Oct-12	Oct-12	Oct-12	Oct-12	yes	yes	Thales Eurocat	Aug-12	Aug-12	1-Sep-12	Sep-12	Sep-12	Oct-12	15-Nov-12	Nwamkwo Ifeanyi Francis / Olajire Aderemi / Matthew Lawrence Pwajok	(234) 8034710708 / 1 8776675 / 8034531431 / 8024797711 / 8050786333	ifwankwo@yahoo.com / aolajire@yahoo.co.uk / pwajokmatthewlawrence@yahoo.com	
ADDITIONAL COMMENTS: none. CLOCK: GPS. TRANSIT TIMES: LESS THAN 1 MIN. COMM LINKS: AFISNET / VSAT stable. CHALLENGES: unreliable power. Deploying UPS and solar systems. TRAINING: commenced and on going remaining outstanding to be completed Jun/Jul 2012.																							
	FAJS	South Africa	THALES	yes	1-Jun-12	1-6 June 2012	6-Jun-12	7-30 June 2012	1 July 2012-14 November 2012	yes	yes	THALES	same as AIM system	same as AIM system	same as AIM system	same as AIM system	same as AIM system	20-Sep-12	15-Nov-12	Lindi-Lee Kirkman / Francois Coetzee	(+27)119286523 / ©825699852 / 116071281	Lindlik@atns.co.za / Francois@atns.co.za	
ADDITIONAL COMMENTS: no additional comments. CLOCK: GPS Auto Sync. TRANSIT TIMES: within same min. COMM LINK: On the whole stable. CHALLENGES: with hardware in customs when some VSAT equipment has challenges. Internal system delays - erroneous FPL queue in ATM system or incorrect addressed FPL response TO MESSAGES - when messages are sent, responses are received. FAJS system auto responds to RQP and RQS messages received.																							
NOT PRESENT	ALGERIA																						
NO INFO AVBL. ADDITIONAL COMMENTS: CLOCK: TRANSIT TIMES: COMM LINKS: CHALLENGES: TRAINING:																							
NOT PRESENT	GAMBIA																						
ADDITIONAL																							

ISSUES TO ADDRESS

interface Dakar Recife and Dakar Las Palmas
interface Niamey / Algiers and Niamey/Adis

Missing FPL

states that interact with IFPS should participate with the IFPS testing
Nigeria will get back to ATNS on the missing ARIK Air FPL
a key factor could be incorrect AFTN addressing - states should check and verify addresses
check clocks
check transit times
check internal system delays
check links
procedures for message handling, review and improve or impliment
airlines need to update their address systems

actions

procedures developer: Nigeria, ASECNA, KENYA first draft by end of first week of June and complete work by first week of July. Co-ordinator Nigeria

Air Nav implementation issues

sesitise the regulator to inform the airlines that they require training too

any other business

include regional officer AIM in documents for circulation
update of FITS
publication date of AIC - ICAO AIMO
apeal to states not to impliment anyother major changes on 15 November 2012