



INTERNATIONAL CIVIL AVIATION ORGANIZATION

ICAO NACC REGIONAL OFFICE

FOLLOW-UP MEETING/WORKSHOP ON THE IMPLEMENTATION OF THE NEW ICAO MODEL FLIGHT PLAN FORM FOR THE NAM/CAR REGIONS (Mexico City, Mexico, 26-28 March, 2012)

SUMMARY OF DISCUSSIONS

1. Introduction

1.1 According to GREPECAS Conclusion 16/39, and Conclusion 3/2 of the NACC/WG endorsed by the NACC/DCA/4 Meeting, ICAO organized a Follow-up Meeting/Workshop on the Implementation of the New ICAO Flight Plan Form for NAM/CAR Regions, held in Mexico City, from 26 to 28 March 2012. The Meeting regretted that Canada was not in attendance.

1.2 The objective was to monitor State's action plans based on the NAM/CAR Regional Performance Based Air Navigation Implementation Plan (NAM/CAR RPB-ANIP) to implement amendment 1 to ICAO Doc 4444 on 15 November 2012.

1.3 Work sessions were organized in plenary and as Ad-hoc Groups, for drafting regional test agreements, a draft of contingency measures and a draft of switchover plan. These drafts documents were also analysed by the GREPECAS Project C3 for completion of their deliverables.

2. Discussions

2.1 All participating States/ANSP/users provided presentations with their current New FPL implementation status. These presentations, discussions and other documentation are available on the ICAO NACC Regional webpage: <http://www.mexico.icao.int/Meetings/FPLWorkshop2012.html>. All FIRs and ANSPs/Users expressed that they will be ready for New FPL implementation on 15 November 2012. Based on this information an update of the CAR Region System Impact Summary Table was made as attached in **Appendix A** to this Summary.

2.2 It was agreed that all States/ANSPs must send ICAO, no later than 15 September 2012, an official communication confirming their compliance for the implementation of the New Flight Plan Format on 15 November 2012 at 0600 UTC. To comply with this implementation, the regional strategy was updated with detailed activities as depicts the **Appendix B** to this Summary. The major topics discussed were:

Amendment 1 clarifications

2.3 The Meeting agreed on the following clarifications for the implementation:

- For item 10a, its maximum length suggested was defined on 50 characters, and the maximum allocation of 20 characters length for Item 10b.
- The amendment does not change the RPL form established in ICAO DOC 4444, however, States may wish to consider adding the additional aircraft capabilities under item Q of the RPL form.
- The ICAO printed FPL is a form only and the way to complete the form is in the text of the amendment. States however might wish to note that in the case of paper submission or filing in an ARO Office, that it may be necessary to have more space provided in some fields to facilitate the manual insertion of the New FPL data.
- On the processing of the new Format, cross validation of items 10 and 18 is fully described in the guidance material in ICAO NACC Regional Office web page (<http://www.mexico.icao.int/ATM.html#FPL>).
- Regarding the indicator order in item 18, it is mandatory for Airspace users to follow the order as established in the amendment 1. States will be able to reject any unknown indicators in item 18.
- Regarding the date of flight (DOF), the Secretariat clarified that 0 will be used for current day if no DOF in FPL; more guidance was provided on how to use this item in outgoing coordination messages if DOF is passed.
- The use of ALT aerodrome is mandatory. IATA will eventually provide the Secretariat a different proposal for submission to ANC in ICAO HQ, if so.
- Other required details from other Regions will apply only to those Regions.

Regional New FPL testing coordination programme

2.4 The Meeting recognized the importance of carrying out the tests between ANSPs, and ANSP and users as a mean to verify the interoperability of the system updates and the identification of potential problems due to this implementation and as a mean to identify contingency measures needed.

2.5 United States informed on their scheduled tests with Canada, Mexico and Cuba for June/July 2012 under the testing as AIDC ANSP. United States will inform all States and ICAO NACC Regional Office of the progress, results achieved and participation.

2.6 ICAO provided general guidelines for the regional testing. Nevertheless, based on the implementation status of each State/ANSP, the Meeting noted that most of the States/ANSPs will be available for testing until June 2012. The Meeting recognized the necessity of regional coordination to conduct testing according to potential scenarios as follows:

- a) ICAO to update the existing ICAO Regional website to support the New FPL implementation to include current information of the points of contact (POC), the general test plan for State to State testing, regional testing schedule, results and applicable references to conduct testing, and other items needed. . This Website will serve as a central point for storing pertinent information for this implementation.
- b) Coordination issues and results of State-State tests will be updated on the ICAO Regional website for use by individual States and ICAO. The initial test schedule is shown in **Appendix C**. For further coordination of these tests, a tentative teleconference shall be arranged by ICAO for the first group of test of May 2012, once the test guide is available.
- c) For the regional tests between States, a common test guide was adopted as a minimum whose development was carried out by the GREPECAS C3 Project.
- d) United States informed that their Test Facility for flight plan filers is available. The Test Facility allows States/ANSPs/Users to file FPLs to it, and it evaluates the messages and provides a feedback. The Meeting agreed that all States/ANSP should test with this facility when feasible.
- e) To coordinate the regional testing ICAO NACC Office will organize a Teleconference Programme with all designated Points of Contacts of each FIR starting on 27 April 2012 once the test guide is available. The following Teleconferences will be conducted every second Tuesday of month from May to September 2012. All States/ANSPs/Users shall participate in the teleconferences for appropriate coordination.

New FPL Publications

2.7 All New FPL regulations, procedures and publications shall comply with ICAO provisions and regional guidelines, which are available in ICAO NACC Regional Office website.

2.8 According to Annex 15 Chap. 4, App. 1 and ICAO Doc. 8126 Chap. 5, App. to Chap. 5, it is necessary to update the AIP Sections ENR 1.10 FLIGHT PLANNING and ENR 1.11 ADDRESSING OF FLIGHT PLAN MESSAGES in order to maintain the respective consistency and integrity in the information.

2.9 In addition, it should also be necessary to review Sections GEN and AD for possible references to the FPL and homologate them by the Amendment to AIP mentioned before. States will issue the corresponding New FPL publications as follows:

PUBLICATION	DATE
Filled flight plan (FPL) regulations, based on Annex 2 requirements	28 May 2012
Amendment AIP Section ENR and Sections GEN and/or AD, as necessary	28 June 2012
AIC for New FPL implementation, including AFTN address	28 May 2012
Trigger NOTAM	12 November 2012
Other New FPL publications (operational and/or technical guidance material, posters and media means)	Not later than 5 th November 2012, as required

New FPL Training programme

2.10 The Meeting agreed that the New FPL training programme should be developed for all stakeholders, which may include:

- Data requirements of the New ICAO Flight Plan Form, based on the Amendment 1 to ICAO Doc 4444, PANS-ATM.
- Operational and/or technical regulations and procedures.
- ATS Letters of agreement (LOAs).
- Particular coordination topics with other ANSPs and operators to avoid missing and/or duplication data of flight plans.
- Required tasks to ensure Switch-Over Plan, as needed.
- Applicable New FPL Contingency Measures.

New FPL Contingency Measures

2.11 The Meeting agreed that the New FPL contingency measures are only applicable to States/ANSPs to avoid additional costs or delays and to ensure safety of air traffic operations. The New FPL Contingency Measures will improve the existing ATS Contingency Plans for each FIR already coordinated with ICAO NACC Regional Office.

2.12 Key points on the New FPL Contingency Measures were:

- additional operational staff resources to verify compliance with the Amendment 1 requirements;
- it is unlikely that airspace users will be given the opportunity to utilize the PBN capabilities of the aircraft in FIRs where contingency measures are in place;
- a convertor system which will allow ANSPs to accept the New ICAO Flight Plan without rejection, however, it is not in the “spirit” of the amendment and it is likely to be a short term solution;
- manual intervention to translate PRESENT to New FPL;
- neighboring State conversion of PRESENT to New FPL delegated by a receiving State;
- filing New via the Internet and translating to PRESENT; and
- Uncompleted safety assessments and monitoring programmes.

2.13 The applicable New FPL contingency measures for particular FIR will be selected by each State/ANSPs on 5th September 2012, based on the analysis of their New FPL testing period (operational and technical requirements, staffing, communication means, and back up data processing system, system readiness, implementation due date, etc.) bearing in mind the topics above mentioned.

2.14 The GREPECAS C3 Project will draft a set of New FPL contingency measures by the **end of April 2012** for reference and use by States.

Switch over Plan

2.15 The Meeting agreed that each State/ANSPs should develop their switch over Plan, which will begin on 12 November, with the following items:

- ensure compliance of their action plan for the New FPL implementation;
- ensure provision of Training Programme for dispatchers, pilots and controllers;
- ensure that applicable LOAs with adjacent ANSPs are up to date;
- establish and disseminate their New FPL contingency measures, as needed;
- ensure active participation in the regional New FPL teleconference programme;
- ensure testing availability with other States/ANSPs;
- ensure CDM process with national stakeholders;
- ensure interface of the PRESENT to the New FPL at 0600 UTC on 15 November 2012; and
- Develop New FPL monitoring programme and provide periodic information to ICAO NACC Regional Office if facing interoperability problems with other ANSPs until 31 December 2012.

Safety Assessment Programme

2.16 The Meeting agreed that the safety assessment programme will be carried out based on the monitoring programme of the tests between the processing systems with others ANSPs, which will identify the rejected flight plans, flight plans with data errors, processing system failures and other failures that limit the FPL data exchange.

2.17 The assessment programme will also include the mitigation measures of each State/ANSP, as well as the coordination actions carried out with other States/ANSP of the adjacent FIRs to solve these problems. The agreed target level of safety (TLS) shall be equal or better than 95% of the efficiency of the processing system of each ANSP.

Update Action Plan for transition Phase and Post implementation Phase

2.18 In order to have a periodic update and to know the progress made by each States/ANSP in the NAM/CAR Regions, the complementary action plan for transition Phase and Post implementation Phase of the regional strategy was agreed as shown in Appendix B to this summary. States/ANSPs agreed to comply with these activities.

Monitoring Programme/ follow-up activities

2.19 It was agreed that under the periodic teleconferences, ICAO NACC Regional Office will provide information and monitor on the continuous progress achieved by each State/ANSP. Timely official communication and information will be submitted to States to provide feedback of the regional New FPL implementation progress. The corresponding Points of Contact will provide the status/ progress information made by their State/ANSP.

Other items

2.20 Participants recognized the importance of the ICAO State Letters and CAR/SAM Strategy, NAM/CAR RPBANIP RPO 5, presentations, discussions and other useful information in support of the New FPL implementation.

2.21 Regarding the ICAO Strategic Support Team (SST), States can request targeted support from this team benefits directly to the ICAO Regional Office, through their DGCA or ANSP Chief Executive. The terms of the support to States are available on the ICAO NACC Regional Office website limited to cost-recovery basis for subject matter experts for no more than 1 week.

2.22 ICAO NACC Regional Office will assist States in the development of action plans and training programmes for the new Flight Plan implementation, as required.

2.23 ICAO will update the FITS and notify the POCs for review and provide comments by 4 May 2012. An update of the POCs information is attached in **Appendix D** to this Summary.

2.24 ICAO NACC Regional Office will organize the last Regional Meeting/Workshop on the Implementation of the New ICAO Flight Plan Form for NAM/CAR Regions, to be held in Mexico City, from 4 to 6 September 2012. All POCs of States/ANSP shall present proper status of their action plans for the New FPL implementation.

NEW FLIGHT PLAN IMPLEMENTATION/ IMPLEMENTACION DEL NUEVO FORMULARIO PLAN DE VUELO

**CAR REGION SYSTEM IMPACT SUMMARY TABLE /
TABLA RESUMEN DE IMPACTO EN LOS SISTEMAS PARA LA REGION CAR
Seguimiento / Follow-up: March 2012
Appendix A / Apéndice A**



Ongoing – Compliance with NFPL dates
En curso – Cumplimiento con la fecha de NFPL



Ongoing – with delays on some regional NFPL dates
En curso – con retraso en algunas fechas regionales de NFPL



Will not comply with NFPL Date of 15 Nov 2012
No cumplirá con la fecha del NFPL del 15 de nov 2012

REGION CAR / CAR REGION											
State / Estado Organization/ Organización	Automated System/ Sistema Automatizado *	System impacted/ Sistemas impactados	Manufacturer/ Fabricante	Procedure impact/ Impacto en procedimientos	Training Issues/ Aspectos de capacitacion	Publications/ Publicaciones	Testing/ Pruebas	Current Status/ Estado Actual	Status Estado		Remarks/ Observaciones
1	2	3	4	5	6	7	8	9	10 FIR	11 Flag	12
Bahamas	C	APP/TWR	ASR-8					New System under study (ICAO TCB) Nuevo Sistema bajo estudio (ICAO TCB)	X		No information has been received No se ha recibido información
Cuba	A	TWR: FDP-Displays ACC: FDP- Displays- simulator AFTN/AIS terminal / Visualizadores TWR FDP Visualizadores de simulador ACC: FDP Visualizadores de terminal AFTN/AIS	ORACLE	√	On going En curso	AIC for April AIC en abril	May-August / mayo-agosto	Coordination with programmers / Coordinación con programadores	X		Test bed available for testing from 1 July but operationally in the Center in September / Plataforma de pruebas disponible para hacer pruebas desde el 1 de julio pero operacionalmente en el Centro en septiembre
Curaçao / Curazao	A	TWR: FDP-Displays ACC: FDP-Displays AFTN/AIS terminal / Visualizadores TWR FDP Visualizadores de simulador ACC: FDP Visualizadores de terminal AFTN/AIS	Raytheon	√	On going En curso	No AIC	Convertor- June Convertidor - junio	Coordination with Manufacturer/ coordinaciones con Fabricante	X		
			Raytheon	√				Coordination with Manufacturer/ coordinaciones con Fabricante			
			Ubitech	√			30 May 30 de mayo	AMHS available by May AMHS disponible en mayo			
Aruba	B	APP/TWR –FDP	THALES	√	On going En curso	No AIC	Available from 25 Sep 2012 Disponible desde 25 sept 2012	New FDP Project started on 25 Jan, 2012 and delivery date is 25 Sep, 2012. El Nuevo proyecto FDP comenzó el 25 de enero de 2012 y la fecha de entrega es el 25 de sept de 2012			

REGION CAR / CAR REGION											
State / Estado Organization/ Organización	Automated System/ Sistema Automatizado *	System impacted/ Sistemas impactados	Manufacturer/ Fabricante	Procedure impact/ Impacto en procedimientos	Training Issues/ Aspectos de capacitacion	Publications/ Publicaciones	Testing/ Pruebas	Current Status/ Estado Actual	Status Estado		Remarks/ Observaciones
1	2	3	4	5	6	7	8	9	10 FIR	11 Flag	12
		AFTN System					Manual- April Manual - abril	On schedule/ en tiempo			
Dominican Republic / República Dominicana	A	TWR: FDP-Displays ACC: FDP-Displays AFTN/AIS terminal / TWR: FDP- Visualizadores ACC: FDP- Visualizadores terminal AFTN/AIS	Thales	√	On going En curso	No AIC	Convertor- April / Convertidor - abril	Coordination with Manufacturer: Implementation delayed / coordinaciones con Fabricante Implementación retrasada	X		
			Thales	√							
			Ubitech	√				From 30 Apr 2012 Desde 30 abr 2012			
Haiti / Haití	C	AFTN System Sistema AFTN	ADP	√	August agosto	No AIC (planned for June) / NO AIC (planeado para junio)	June – August Junio - agosto	Manual operations Operaciones manuales	X		Planning for an Ubitech AMHS system Planeando un sistema Ubitech AMHS
Jamaica	A	TWR: FDP ACC: FDP AMHS/AFTN	Raytheon	√	August agosto	No AIC (planned for April) / NO AIC (planeado para abril)	Convertor- June onwards / Convertidor de junio en adelante	Tender process	X		
			Raytheon	√				Tender process			
			Ubitech	√				On schedule / en tiempo: Operational by May 2012 / Operacional en mayo 2012			
Cayman Islands / Islas Caimanes	B	TWR: FDP AFTN terminal	Copperchase	√	On going En curso	No AIC (AIC planned for June) / NO AIC (planeado para junio)	Upgrade - May Upgrade - mayo	On going En curso			
México / Mexico	A	TWR: FDP- Displays-Simulator / TWR: FDP- Visualizadores- Simuladores ACC: FDP- Displays- Simulator / ACC: FDP- Visualizadores- Simuladores	THALES	√	May- June Mayo-junio	AIC	Available Disponible	New Flight Plan Format software installed in Simulator and test bed / Software para el Nuevo Formulario de Plan de Vuelo instalado en el simulador y en la plataforma de prueba	X		
			THALES		May- June mayo-junio		Available Disponible				
			SENEAM	May- June mayo-junio	Available Disponible		New AFTN template for FPL Nueva plantilla AFTN para FPL				
Trinidad and Tobago / Trinidad y Tabago	A	TWR: FDP-Displays TWR: FDP Visualizadores-	SELEX	√	On going En curso	No AIC (Planned for May)	Available from 1 July Disponible desde 1 de julio	On-going En curso	X		ATC System operation in July Sistema de operación ATC en julio

REGION CAR / CAR REGION											
State / Estado Organization/ Organización	Automated System/ Sistema Automatizado *	System impacted/ Sistemas impactados	Manufacturer/ Fabricante	Procedure impact/ Impacto en procedimientos	Training Issues/ Aspectos de capacitacion	Publications/ Publicaciones	Testing/ Pruebas	Current Status/ Estado Actual	Status Estado		Remarks/ Observaciones
1	2	3	4	5	6	7	8	9	10 FIR	11 Flag	12
		ACC: FDP- Displays- Simulator / Visualizadores- Simuladores ACC: FDP- AFTN/AIS terminal	SELEX	√			Available from 1 July Disponible desde 1 de julio October	On-going / En curso			ATC System operation in July Sistema de operación ATC en julio
		AFTN/AIS terminal	COMSOFT/ IDS	√				Contract to be signed in April			
Anguilla	C	AFTN terminal	Trinidad and Tobago / Trinidad y Tabago	√	On going / En curso	No AIC	October octubre	On schedule/ en tiempo			
		TWR/APP: FDP	ASR-8	√	On going - Plan to disseminate poster, filer, etc. / En curso – plan para diseminar poster, filer	No AIC – to be published through PIARCO No AIC – a ser publicado por PIARCO	-	Not operational / No operacional			
Antigua and Barbuda / Antigua y Barbuda	C	AFTN terminal	Trinidad and Tobago / Trinidad y Tabago	√			October octubre	On-going / En curso			
		TWR/APP: FPL strip manager	ATOM/ Diversified Integrated Sciences Corporation	√	On going / En curso	No AIC	October octubre	Convertor provided by Trinidad and Tobago Convertidor proporcionado por Trinidad y Tabago			
Barbados	A	AFTN terminal	Trinidad and Tobago / Trinidad y Tabago	√				On-going / EN curso			
British Virgin Islands / Islas Vírgenes Británicas	C										No information available No hay información disponible
		GENERPL (Guadeloupe, Martinique) Guadeloupe, Martinique Cayenne (FPL and AIS) ATC System Cayenne System AFTN/AIS terminal / GENERPL (Guadalupe, Martinica) Guadeloupe, Martinica Cayenne (FPL y AIS) Sistema ATC Sistema Cayenne AFTN/AIS terminal	France Manufacturer / Fabricante de Francia	√	On going / En curso	No AIC	June- July / Junio-julio	Internal system that generates automatically FPL, via files from French companies (AirFrance and Air Caraïbe). Upgrade done by us (SNA/AG)			
France (Martinique-Guadeloupe) / Francia (Martinica y Guadalupe)	A		SIGMA system / Sistema de SIGMA	√				Delivery of version PLN2012 Jun 2012. Upgrade done by our central technical service in Toulouse, France.			
			CACAO Adacel system (Aurora, for ADS-C CPDLC) / CACAO Adacel sistema (Aurora, para ADS-C CPDLC) /	√				Upgrade for May 2012. Upgrade done by Adacel via a contract./ Mejora para mayo 2012 Mejora hecha por Adacel via un contrato			

REGION CAR / CAR REGION											
State / Estado Organization/ Organización	Automated System/ Sistema Automatizado *	System impacted/ Sistemas impactados	Manufacturer/ Fabricante	Procedure impact/ Impacto en procedimientos	Training Issues/ Aspectos de capacitacion	Publications/ Publicaciones	Testing/ Pruebas	Current Status/ Estado Actual	Status Estado		Remarks/ Observaciones
1	2	3	4	5	6	7	8	9	10 FIR	11 Flag	12
			PC AFTN: AFTN terminal used as backup of Sigma./ PC AFTN: AFTN terminal usada como respaldo de Sigma.	√				Delivery of version PLN2012 May 2012. Upgrade done by our central technical service in Toulouse, France / Entrega de la version PLN2012 mayo 2012. Mejora hecha por la central técnica de servicio en Toulouse, Francia.			
Grenada	A	TWR/APP: FPL strip manager	ATOM/ Diversified Integrated Sciences Corporation (DISC)	√	June 2012 / junio 2012	No AIC coordinated with ECCAA / No AIC coordinada con ECCAA	July / julio	Manufacturer indicated that NFPL dates will be accomplished / El fabricante indicó que se cumplirá en las fechas del NFPL			
		AFTN terminal	Trinidad and Tobago / Trinidad y Tabago	√	On going / En curso		October / octubre	On going / En curso			
Montserrat	C	AFTN terminal	Trinidad and Tobago / Trinidad y Tabago	√	On going / En curso	No AIC – to be published through PIARCO / No AIC – a ser publicado por PIARCO	October / octubre	On going / En curso			
Saint Kitts and Nevis / San Kitts y Nevis	C	AFTN terminal	Trinidad and Tobago / Trinidad y Tabago	√	On going / En curso	No AIC – to be published through PIARCO No AIC – a ser publicado por PIARCO	October / octubre	On going / En curso			
Saint Lucia / Santa Lucía	C	AFTN terminal	Trinidad and Tobago / Trinidad y Tabago	√	On going / En curso	No AIC – to be published through PIARCO No AIC – a ser publicado por PIARCO	October / octubre	On going / En curso			
Saint Vincent and the Grenadines San Vicente y las Granadinas	C	AFTN terminal	Trinidad and Tobago / Trinidad y Tabago	√	On going / En curso	No AIC – to be published through PIARCO No AIC – a ser publicado por PIARCO	October / octubre	On going / En curso			

REGION CAR / CAR REGION											
State / Estado Organization/ Organización	Automated System/ Sistema Automatizado *	System impacted/ Sistemas impactados	Manufacturer/ Fabricante	Procedure impact/ Impacto en procedimientos	Training Issues/ Aspectos de capacitacion	Publications/ Publicaciones	Testing/ Pruebas	Current Status/ Estado Actual	Status Estado		Remarks/ Observaciones
1	2	3	4	5	6	7	8	9	10 FIR	11 Flag	12
United States Estados Unidos	A	ARTCC: FDP- Displays - AFTN/AIS terminal- Simulator / Visualizadores Simulador de terminal-ARTCC: FDP- - AFTN/AIS	Several / varios	√	On going / En curso April for operational staff and July for in depth training / abril para el personal operacional y julio para capacitación a fondo	No AIC- planned for June. Progress given by Website / No AIC – planeada para junio. El progreso se publicará en la página web	May-July mayo-julio	On schedule/ en tiempo , ERAM /hosts systems being updated/ Sistemas ERAM y hosts estan actualizándose	X		
		Turks and Caicos Islands / Islas Turcas y Caicos	C	ATC System AFTN / Sistema ATC AFTN	Stonefield	√	September septiembre	No AIC – ongoing / No AIC – En curso	August / agosto	Coordination with manufacturer for test dates Coordinación con el fabricante para fechas de pruebas	
USA Virgin Islands/ Islas Virgenes Estados Unidos	A	ARTCC: FDP- Displays - AFTN/AIS terminal- Simulator Visualizadores ARTCC: FDP- - Simulador de terminal AFTN/AIS	Several / varios	√				On schedule/ en tiempo:			Same as United States Igual que Estados Unidos
Sint Maarten / San Martin	A	TWR/APP: FDP- Displays Visualizadores TWR/APP: FDP-	ASR-10	√				PJIAE has just signed a contract for the Raytheon Auto track II upgrade and is awaiting their schedule for implementation / PJIAE acaba de firmar contrato para la mejora del Raytheon Auto track II y está esperando el programa para la implementación			No information / No hay información
		AFTN/AMHS terminal	Ubitech	√				Implementation Planning by Ubitech to be informed by March / La planeación de la implementación sera informada por Ubitech en marzo			No information / No hay información
Netherlands / Países Bajos Bes Islands	D							Manual Operations / Operaciones manuales			
COCESNA	A	ACC-Simulator / Simulador ACC	INDRA					To be upgraded in 2012? / Para hacer la mejora en 2012?	X		
		AFTN-AMHS System / Sistema AFTN-AMHS	COCESNA	√				On schedule/ en tiempo			

REGION CAR / CAR REGION											
State / Estado Organization/ Organización	Automated System/ Sistema Automatizado *	System impacted/ Sistemas impactados	Manufacturer/ Fabricante	Procedure impact/ Impacto en procedimientos	Training Issues/ Aspectos de capacitacion	Publications/ Publicaciones	Testing/ Pruebas	Current Status/ Estado Actual	Status Estado		Remarks/ Observaciones
1	2	3	4	5	6	7	8	9	10 FIR	11 Flag	12
Belize / Belice	A	TWR/APP: FDP- Displays Visualizadores TWR/APP: FDP-	INDRA	√	On going / En curso	No AIC	Convertor-July / Convertidor julio	Converter to be used manufactured by COCESNA / Convertidor a ser usado fabricado por COCESNA			Changes coordinated through COCESNA/ Cambios coordinados por COCESNA
		AFTN/AIS terminal	COCESNA	√			Jul -Sept	On schedule/ en tiempo			
Costa Rica	A	TWR: FDP-Displays ACC: FDP-Displays	INDRA	√	On going / En curso	AIC published AIC Publicada	Convertor-July / Convertidor julio	Converter to be used manufactured by COCESNA / Convertidor a ser usado fabricado por COCESNA			Changes coordinated through COCESNA/ Cambios coordinados por COCESNA
		AFTN/AIS terminal	COCESNA	√			Jul -Sept	On schedule/ en tiempo			
El Salvador	A	TWR/APP: FDP- Displays MSLP	Northorn Trumman	√	On going / En curso	AIC published / AIC Publicada	Convertor-July / Convertidor julio	Converter to be used manufactured by COCESNA / Convertidor a ser usado fabricado por COCESNA			Coordinated by CEPA y assisted by COCESNA/ Coordinado por CEPA y asistido por COCESNA
		TWR/APP: FDP- Displays MSSS	INDRA	√			Not used / No se utilize		Coordinated by COCESNA/ Coordinado con COCESNA		
		AFTN/AIS terminal	COCESNA	√			Jul -Sept	On schedule/ en tiempo			
Guatemala	A	TWR/APP: FDP- Displays	INDRA	√	On going / En curso	No AIC	Convertor-July / Convertidor julio	Converter to be used manufactured by COCESNA / Convertidor a ser usado fabricado por COCESNA			Changes coordinated through COCESNA/ Cambios coordinados por COCESNA
		AFTN/AIS terminal	COCESNA	√			Jul -Sept	On schedule/ en tiempo			
Honduras	A	TWR/APP: FDP- Displays	INDRA	√	On going / En curso	No AIC	Convertor-July / Convertidor julio	Converter to be used manufactured by COCESNA / Convertidor a ser usado fabricado por COCESNA			Changes coordinated through COCESNA/ Cambios coordinados por COCESNA
		AFTN/AIS terminal	COCESNA	√			Jul -Sept	On schedule/ en tiempo			
Nicaragua	A	TWR/APP: FDP- Displays	INDRA	√				To be upgrade in 2012 / Mejora sera hecha en 2012			Changes coordinated through COCESNA/ Cambios coordinados por COCESNA

REGION CAR / CAR REGION											
State / Estado Organization/ Organización	Automated System/ Sistema Automatizado *	System impacted/ Sistemas impactados	Manufacturer/ Fabricante	Procedure impact/ Impacto en procedimientos	Training Issues/ Aspectos de capacitacion	Publications/ Publicaciones	Testing/ Pruebas	Current Status/ Estado Actual	Status Estado		Remarks/ Observaciones
1	2	3	4	5	6	7	8	9	10 FIR	11 Flag	12
		AFTN/AIS terminal	COCESNA	√				On schedule/ en tiempo			
AVIANCA-TACA	A	LIDO FLIGHT	LUFTHANSA	Procedimiento de cargar diferente información de equipos y capacidades en los diferentes tipos de aeronaves según las certificaciones otorgadas por la autoridad de aviación. También se ve afectado la elaboración de los planes de vuelo por parte del Despachador de vuelos. / Different loading procedure information assets and capabilities in different types of aircraft according to the certificates issued by aviation authorities. Also affected the development of flight plans by the flight dispatcher.	On going / En curso	N/A	May	Are being tested in test environment. Proposed implementation date, April 16, 2012 / Se están haciendo pruebas en ambiente de test. Fecha de implementación propuesta 16 de abril 2012			Coordination with COCESNA / Coordinación con COCESNA
AEROMEXICO	A	Hewlet Packard (HP)	HP	In OPS Manual / En OPS Manual	On going / En curso	N/A	Jun	On-going / En curso			

*: A: Estados que cuentan con sistemas automatizados (Procesamiento de planes de vuelo, AFTN y datos radar)/ States that have automated systems (Flight Plan Processor, AFTN and Radar Data)
B: Estados que cuentan con sistemas automatizados (Procesamiento de planes de vuelo solamente)/ States that have automated systems (Flight Plan Processor only)
C: Estados que cuentan con sistemas automatizados (AFTN solamente)/ States that have automated systems (AFTN only)
D: Estados que no poseen sistemas automatizados ATM / States that do not have ATM automated systems
TWR: Torre, APP: Aproximación, ACC: Control en Ruta, ARTCC: Air Traffic Control Centers

Appendix C

CAR REGION TESTING SCHEDULE BRIEFING / UPDATE: MARCH 2012



Ongoing – Compliance with NFPL Transition date
En curso – Cumplimiento con la fecha de transición NFPL



On-going – with delays
En curso – con retrasos



No information provided
No dieron información

State/organization	Internal Testing Before 31 March 2012/ Pruebas internas antes del 31 de marzo de 2012	External Testing w/ ANSPs within CAR Region 1 April to 30 Jun 2012 Pruebas externas con ANSPs dentro de la Región CAR 1 de abril al 30 de junio de 2012		Airspace Users/ANSPs Testing 1 Jul to 14 November 2012 / Pruebas de Usuarios del Espacio Aéreo / ANSPs 1 de julio al 14 de noviembre 2012		Inter-Regional Testing / Pruebas Inter-Regionales		Type of Solution Converter or Upgrade / Tipo de solución convertidor	Date of Acceptance of Both Present and New Form 1 Jul 2012 Fecha de aceptación tanto del actual como de la Nueva Forma	Remarks / Observaciones
		State / Estado	Date / Fecha	User / Usuario	Date / Fecha	State / Estado	Date / Fecha			
Bahamas										No information received No se recibió información
Cuba	No - 15 May	Mexico, USA	Jul- Aug	Local operators-Internation al airlines / operadores locales – Líneas Aéreas internacio-nales	1 Jul	N/A		Upgrade / Mejora	15 Jul 2012 /	PoC: Pending / Poc Pendiente
Curaçao / Curazao	Yes / Si	Jamaica , Rep Dom	30 May	Airlines / Líneas Aéreas	30 May	Colombia	Jun	Convertor / convertidor	1 Jul 2012	PoC: Percy Lourenz
	Yes / Si	USA	Jun			Venezuela	Jun	Convertor / convertidor		
Aruba	No- 1st semester	Curaçao	25 Sept	Airlines / Líneas Aéreas	25 Sep	Venezuela	25 Sept	FDP - Upgrade / Mejora	25 Sep 2012	PoC: Pending / Poc Pendiente
Dominican Republic / República Dominicana	Yes / Si	Mexico, COCES	30 April / 30 de abril	Airlines / Líneas Aéreas	30 April / 30 de abril	N/A		Convertor / convertidor	1 Jul 2012	PoC: - Fernando Casso
		NA								
		USA	Jun							

State/organization	Internal Testing Before 31 March 2012/ Pruebas internas antes del 31 de marzo de	External Testing w/ ANSPs within CAR Region		Airspace Users/ANSPs Testing		Inter-Regional Testing / Pruebas Inter-Regionales		Type of Solution Converter or Upgrade / Tipo de solución convertidor	Date of Acceptance of Both Present and New Form 1 Jul 2012 Fecha de aceptación tanto del actual	Remarks / Observaciones
		1 April to 30 Jun 2012 Pruebas externas con ANSPs dentro de la Región CAR 1 de abril al 30 de junio de 2012		1 Jul to 14 November 2012 / Pruebas de Usuarios del Espacio Aéreo / ANSPs 1 de julio al 14 de noviembre 2012						
Haiti / Haití	N/A	Jamaica, Rep Dom, Cuba	May- Jun	Airlines / Líneas Aéreas	August / agosto	N/A		manual	1 Jul 2012	PoC: Eric Legagneur
Jamaica	No	Curaçao, Dom Rep, Cuba, COCES NA, Panama	Jun	Airlines / Líneas Aéreas	Jun	Panama, Colombia,	Sep	Converter / convertidor	Sep 2012	PoC: Pending / Poc Pendiente
Cayman Islands / Islas Caimanes	Yes / Si	Jamaica	April / Abril	Airlines / Líneas Aéreas	April / Abril	N/A		Upgrade / Mejora	1 Jul	PoC: Pending / Poc Pendiente
México / Mexico	Yes / Si	USA, Cuba	Jun-Jul	Airlines / Líneas Aéreas	Ready / Listo	N/A		ATC Upgrade / Mejora	1 Jul 2012	PoC: Bruce Magallon, Jose Gil, Sergio Valencia
	Yes / Si	COCES NA	Jun					AFTN Template / Plantilla AFTN		
Trinidad and Tobago / Trinidad y Tabago	No – FAT planned for May/Jun SAT – Jul /No – FAT planeado para may/jun SAT-Jul	USA	Jul	Airlines / Líneas Aéreas	Jul	Venezuela, Guyana, Surinam, French Guyana	Oct		Sep 2012	
Anguilla	No	Trinidad and Tobago	Oct	Airlines / Líneas Aéreas	Oct	N/A		Upgrade - AFTN Template	Oct 2012	
Antigua and Barbuda	No	Trinidad and Tobago	Oct	Airlines / Líneas Aéreas	Oct	N/A		Upgrade - AFTN Template	Oct 2012	
Barbados	No	Trinidad and Tobago	Oct	Airlines / Líneas Aéreas	Oct	N/A		Upgrade - AFTN Template	Oct 2012	
British Virgin Islands / Islas Vírgenes Británicas	No	Trinidad and Tobago	Oct	Airlines / Líneas Aéreas	Oct	N/A		Upgrade - AFTN Template	Oct 2012	

State/organization	Internal Testing Before 31 March 2012/ Pruebas internas antes del 31 de marzo de	External Testing w/ ANSPs within CAR Region		Airspace Users/ANSPs Testing		Inter-Regional Testing / Pruebas Inter-Regionales		Type of Solution Converter or Upgrade / Tipo de solución convertidor	Date of Acceptance of Both Present and New Form 1 Jul 2012 Fecha de aceptación tanto del actual	Remarks / Observaciones
		1 April to 30 Jun 2012 Pruebas externas con ANSPs dentro de la Región CAR 1 de abril al 30 de junio de 2012	Oct	1 Jul to 14 November 2012 / Pruebas de Usuarios del Espacio Aéreo / ANSPs 1 de julio al 14 de noviembre 2012	Oct					
Grenada	No	Trinidad and Tobago	Oct	Airlines / Líneas Aéreas	Oct	N/A		Upgrade - AFTN Template	Oct 2012	
France (Martinique-Guadeloupe)	FAT- Yes / Si SAT- Jun	Trinidad and Tobago	End of Jun	Airlines / Líneas Aéreas	Jul	N/A		Upgrade / Mejora	1 Jul	PoC: Jacques Deschamps
Montserrat	No	Trinidad and Tobago	Oct	Airlines / Líneas Aéreas	Oct	N/A		Upgrade - AFTN Template	Oct 2012	
Saint Kitts and Nevis,	No	Trinidad and Tobago	Oct	Airlines / Líneas Aéreas	Oct	N/A		Upgrade - AFTN Template	Oct 2012	
Saint Lucia	No	Trinidad and Tobago	Oct	Airlines / Líneas Aéreas	Oct	N/A		Upgrade - AFTN Template	Oct 2012	
Saint Vincent and the Grenadines	No	Trinidad and Tobago	Oct	Airlines / Líneas Aéreas	Oct	N/A		Upgrade - AFTN Template	Oct 2012	
United States Estados Unidos	On going	Mexico, Cuba and other CAR States / Mexico, Cuba y otros Estados CAR	May-Jul	Airlines / Líneas Aéreas	Jul	Japan, Australia, New Zealand, Fiji, Tahiti, Portugal	Jun-Jul	Upgrade / Mejora	Sep 2012	PoC: John Evans
Turks and Caicos Islands / Islas Turcas y Caicos	Yes- by manufacturer	USA	Jul	Airlines / Líneas Aéreas	Jul	N/A		Convertor / convertidor	Sep 2012	PoC: Mark Wilkinson Garth Higgs
USA Virgin Islands/ Islas Virgenes Estados Unidos	See United States								Sep 2012	
Sint Maarten										No information
Netherlands / Países Bajos Bes Islands										No information
COCESNA	No for ATC	Mexico,	May	Airlines /	August /	Panama	Jul	Convertor /	Sep 2012	PoC: Mayda Avila

State/organization	Internal Testing Before 31 March 2012/ Pruebas internas antes del 31 de marzo de	External Testing w/ ANSPs within CAR Region 1 April to 30 Jun 2012 Pruebas externas con ANSPs dentro de la Región CAR 1 de abril al 30 de junio de 2012	Airspace Users/ANSPs Testing 1 Jul to 14 November 2012 / Pruebas de Usuarios del Espacio Aéreo / ANSPs 1 de julio al 14 de noviembre 2012	Inter-Regional Testing / Pruebas Inter-Regionales	Type of Solution Converter or Upgrade / Tipo de solución convertidor	Date of Acceptance of Both Present and New Form 1 Jul 2012 Fecha de aceptación tanto del actual	Remarks / Observaciones	
	Systems Yes for AMHS	Cuba, Rep Dominican, United States	Líneas Aéreas	Agosto	, Colombia, Ecuador	convertidor		
Belize / Belice	Yes- AMHS	COCESNA	Jul	Airlines / Líneas Aéreas	N/A	Upgrade / Mejora	Sep 2012	PoC: Idem COCESNA
	NO upgrade to ATC System	COCESNA	August				Sep	
Costa Rica	Yes / Si - AMHS	COCESNA	Jul	Airlines / Líneas Aéreas	N/A	Upgrade / Mejora	Sep 2012	PoC: Idem COCESNA
	NO upgrade to ATC System	COCESNA	August				Sep	
El Salvador	Yes / Si - AMHS	COCESNA	Jul	Airlines / Líneas Aéreas	N/A	Upgrade / Mejora	Sep 2012	PoC: Idem COCESNA
	upgrade planned for ATC System	COCESNA	August				Sep	
Guatemala	Yes / Si - AMHS	COCESNA	Jul	Airlines / Líneas Aéreas	N/A	Upgrade / Mejora	Sep 2012	
	NO upgrade to ATC System	COCESNA	August				Sep	
Honduras	Yes / Si - AMHS	COCESNA	Jul	Airlines / Líneas Aéreas	N/A	Upgrade / Mejora	Sep 2012	PoC: Idem COCESNA
	NO upgrade to ATC System	COCESNA	August				Sep	
Nicaragua	Yes / Si - AMHS	COCESNA	Jul	Airlines / Líneas Aéreas	N/A	Upgrade	Sep 2012	PoC: Idem COCESNA
	NO for ATC	COCESNA	August				Sep	

State/organization	Internal Testing Before 31 March 2012/ Pruebas internas antes del 31 de marzo de	External Testing w/ ANSPs within CAR Region 1 April to 30 Jun 2012 Pruebas externas con ANSPs dentro de la Región CAR 1 de abril al 30 de junio de 2012	Airspace Users/ANSPs Testing 1 Jul to 14 November 2012 / Pruebas de Usuarios del Espacio Aéreo / ANSPs 1 de julio al 14 de noviembre 2012	Inter-Regional Testing / Pruebas Inter-Regionales	Type of Solution Converter or Upgrade / Tipo de solución convertidor	Date of Acceptance of Both Present and New Form 1 Jul 2012 Fecha de aceptación tanto del actual	Remarks / Observaciones
	System	A			upgrade is not on time		
AEROMEXICO	Yes / Si	Mexico, COCESN A	Jun	N/A	Upgrade / Mejora	1 Jul	PoC: Raul Aguirre
AVIANCA- TACA	No – planned for April	Mexico, COCESN A	May	N/A	Upgrade / Mejora	1 Jul	PoC: Jose Arias

Initial Test Schedule

Test Period	CAR State/Organization
May	Mexico-Rep Dom- USA, Avianca-Taca
Jun	Aeromexico, France- Trinidad& Tobago, Mexico- USA, Cayman Islands-Jamaica, Curacao- Jamaica-Haiti
Jul	FIR Centroamerica, United States, Turks Caicos, Cuba-USA-Mexico
August	FIR Centroamerica
September	Aruba- Curacao
Oct	FIR PIARCO

**PUNTOS FOCALES PARA LA COORDINACIÓN DE LA IMPLEMENTACIÓN DEL FORMULARIO DE PLAN DE VUELO /
FOCAL POINTS FOR THE COORDINATION OF THE FLIGHT PLAN FORMAT**

Last update: April 2012

REGION NAM/ CAR				
Estado/State Organization	Autoridad / Authority		E-mail	Tel / Fax
	Area	Nombre y título / Name and Title		
1	2	3	4	5
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Bahamas	CCAR	Mr. Joseph Albury Dept. Director Air Traffic Bahamas Airport Co.	josephalbury@bahamas.gov.bs	Tel:+1 242 377 2009
Barbados	ECAR	Shirley Ford Chief Aeronautical Information Service Officer Civil Aviation Department	aisbarbados@sunbeach.net	Tel:+1 246 428 0952
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Bermuda	NAM	N/A	N/A	N/A

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		Jorge Carrión ATM SENEAM	jcarrion@sct.gob.mx	
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Netherlands / Países Bajos/ BES	ECAR/CCAR	N/A	N/A	N/A
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		Mr. Lloyd Hinds Manager of Radar Department (Approach)	lhinds@pjiae.com	Tel:+ 1 599 546 7536
		Mr. Gregory Hassell Manager of Procedural Department (Aerodrome)	ghassell@pjiae.com	Tel:+1 599 546 7539
Trinidad and Tobago / Trinidad y Tabago	ECAR	Randy Gomez Chief Technical Officer, Aeronautical Information Services Civil Aviation Authority	rgomez@caa.gov.tt	Tel:+ 1 868 669 4128
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COCESNA	CA	Mayda Alicia Ávila Coordinadora de Mantenimiento SW/AAC, COCESNA	mavila@cocesna.org	Tel:+ 504 234 3360 ext. 1381
ECCAA (Antigua and Barbuda, Grenada, Saint Kitts and Nevis, Saint Lucia and Saint Vincent and the Grenadines)	ECAR	Charles Anthony Meade Director, ANS Division (Ag) ECCAA	ameade@eccaa.aero	Tel:+1 268 462 0000 Tel:+1 268 464 3330

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— END / FIN —