



International Civil Aviation Organization

North American, Central American and Caribbean Office (NACC)

Seventh Central American Air Navigation Experts Working Group Meeting (CA/ANE/WG/7)

Ninth Central Caribbean Working Group Meeting (C/CAR/WG/9)

ICAO NACC Regional Office, Mexico City, Mexico, 5 to 9 March 2012

Agenda Item 2

Review and follow-up to Conclusions/Decisions of previous CA/ANE/WG/6 and DGAC/CAP/95, C/CAR/WG/8 and C/CAR/DCA/11, GREPECAS/16, NACC/WG/3 and NACC/DCA/4 Meetings

VALID CONCLUSIONS/DECISIONS FROM THE CA/ANE/WG, NACC/WG AND C/CAR/WG MEETINGS

(Presented by the Secretariat)

SUMMARY

This working paper presents for the review of the Meeting the status of Conclusions/Decisions from the CA/ANE/WG, NACC/WG and C/CAR/WG Meetings.

References:

- Report of the Third North American, Central American and Caribbean Working Group Meeting (NACC/WG/3), Guatemala City, Guatemala, 9 to 13 May 2011
- Report of the Eighth Central Caribbean Working Group Meeting (C/CAR/WG/8), Miami, United States, May 2010
- Report of the Sixth Central American Air Navigation Experts Working Group Meeting (CA/ANE/WG/6), Mexico City, Mexico, September 2010

Strategic Objectives

This working paper is related to Strategic Objectives A and C.

1. Introduction

1.1 The Conclusions/Decisions of previous meetings of the Central American Air Navigation Experts Working Group Meeting (CA/ANE/WG), the North American, Central American and Caribbean Working Group Meeting (NACC/WG), and the Central Caribbean Working Group (C/CAR/WG) are attached to this working paper as follows:

Appendix A Valid Conclusions/Decisions from the CA/ANE/WG/6 Meeting – *Spanish only*

Appendix B Valid Conclusions/Decisions from the NACC/WG/3 Meeting

Appendix C Conclusions/Decisions from the C/CAR/WG/8 Meeting – *Texts of Conclusions/Decisions from the C/CAR/WG/8 Meeting are presented for information purposes since the NACC/WG/3 Meeting established that no outstanding valid conclusions remained from previous NACC/WG and C/CAR/WG Meetings.*

2. Suggested Action

2.1 The Meeting is invited to review, inform and update the status of the conclusions included in **Appendices A** and **B** to this working paper, using the following classification:

CONCLUSIONS AND DECISIONS CLASSIFICATION STATUS
Valid
Completed
Superseded

**ESTADO Y SEGUIMIENTO DE LAS CONCLUSIONES (C) Y DECISIONES (D) DEL GRUPO DE TRABAJO DE EXPERTOS
CENTROAMERICANOS DE NAVEGACIÓN AÉREA (CA/ANE/WG) AÚN VIGENTES DESPUÉS DE LA REUNIÓN PREVIA**

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Reunión	C/D	Num	Area	Titulo de la Conclusión / Decisión	Texto de la Conclusión / Decisión	Seguimiento y comentarios	Responsable de la acción	Fecha de terminación	Estatus (Válida, Finalizada, Reemplazada)	Entregable
CAANEWG6	C	2	CNS	IMPLEMENTACION DE LA FUNCIONALIDAD OLDI EN LA FIR CENTRAL AMERICAN	Que, considerando las ventajas operacionales que conllevaría la implementación de la funcionalidad OLDI a nivel de la FIR Central American y tomando en cuenta la similitud de sistemas existentes:	Se discutira en el Asunto de Agenda 5.5	RO CNS		Válida	implementación de la funcionalidad OLDI
CAANEWG6	C	2			a) <input type="checkbox"/> las Autoridades de Aviación Civil de Costa Rica y Honduras, y COCESNA, analicen y acuerden las actividades para la implementación de la funcionalidad OLDI entre sus centros de Control;	Se discutira en el Asunto de Agenda 5.5	RO CNS		Válida	implementación de la funcionalidad OLDI
CAANEWG6	C	2			b) <input type="checkbox"/> COCESNA coordine y acuerde con sus FIR adyacentes (Colombia, México y Panamá) las actividades correspondientes para la implementación de la funcionalidad OLDI;	Se discutira en el Asunto de Agenda 5.5	RO CNS		Válida	implementación de la funcionalidad OLDI
CAANEWG6	C	2			c) <input type="checkbox"/> Belice, El Salvador, Guatemala y Nicaragua, evalúen las posibilidades de actualizar sus sistemas ATC dotándolas de la funcionalidad OLDI; y	Se discutira en el Asunto de Agenda 5.5	RO CNS		Válida	implementación de la funcionalidad OLDI
CAANEWG6	C	2			d) <input type="checkbox"/> el CA/ANE/WG informe a la Reunión NACC/WG/3 de los resultados de los incisos anteriores, incluyendo las actividades para lograr la implementación de las mismas.	Se discutira en el Asunto de Agenda 5.5	RO CNS		Válida	informe de resultados de la implementacion de la funcionalidad OLDI

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CAANEWG6	D	3	ATM	ELABORACIÓN DEL PLAN DE ACCIÓN DEL COMITÉ SMS	Que el Comité SMS:		RO ATM		Válida	plan de acción
CAANEWG6	D	3			a) <input type="checkbox"/> desarrolle un plan de acción para el periodo 2011-2013, con un enfoque sistémico para la implementación regional del SSP y SMS en la FIR Central American con las particularidades que corresponda a cada Estado, explotadores de aeropuertos y proveedores de servicios de navegación aérea, el cual incluya actividades, tiempos, responsables, recursos entre otros, con base en prioridades y capacidades disponibles;		RO ATM		Válida	plan de acción
CAANEWG6	D	3			b) <input type="checkbox"/> revise y proponga el mecanismo más adecuado para definir el nivel aceptable de seguridad operacional (ALoS) en el espacio aéreo bajo jurisdicción de COCESNA considerando que este le ha sido delegado por los seis Estados miembros de COCESNA;		RO ATM		Válida	<input type="checkbox"/> revisar y proponer el mecanismo para definir los ALoS
CAANEWG6	D	3			c) <input type="checkbox"/> se aplique el Programa Integral de Capacitación en SSP y SMS par el periodo 2011-2012, a fin de destinar y asegurar los recursos necesarios desde una perspectiva de implementación sistémica y coherente a una planificación con productos esperados según etapas de trabajo; y		RO ATM		Válida	aplicacion del Programa Integral de Capacitación en SSP y SMS

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CAANEWG6	D	3			d) <input type="checkbox"/> presente los avances de sus actividades al Presidente del CA/ANE/WG a más tardar el 31 de enero de 2011		RO ATM	31/Jan/11	Válida	Informe de actividades
CAANEWG6	C	6	MET	OFICINAS DE VIGILANCIA METEOROLÓGICA DE TEGUCIGALPA Y DE COSTA RICA	Que:	Se considera conveniente modificar el Servicio Meteorológico Nacional (SMN) transfiriendo las funciones de la Oficina de Vigilancia Meteorológica	RO MET	31/Dec/10	Válida	funciones de la Oficina de Vigilancia Meteorológica (OVM)
CAANEWG6	C	6			a) <input type="checkbox"/> la Autoridad de Aviación Civil de Honduras proponga a COCESNA, a más tardar el 31 de diciembre de 2010, la responsabilidad de funciones de la Oficina de Vigilancia Meteorológica (OVM) que opera en Tegucigalpa, para la FIR Central American, a partir del 1 de enero de 2012. Par el inicio de sus actividades, COCESNA empleará sus propios recursos par llevar a cabo el traslado de sus funciones, toda vez que se cuente con la aprobación de las Autoridades Aeronáuticas de los Estados Centroamericanos; y	Se considera conveniente modificar el Servicio Meteorológico Nacional (SMN) transfiriendo las funciones de la Oficina de Vigilancia Meteorológica	RO MET	31/Dec/10	Válida	funciones de la Oficina de Vigilancia Meteorológica (OVM)
CAANEWG6	C	6			b) <input type="checkbox"/> las Autoridades de Aviación Civil y de Meteorología de Costa Rica manifiesten su compromiso par que la Oficina Meteorológica de Costa Rica esté debidamente equipada y preparada como una Oficina de Vigilancia Meteorológica (OVM) de contingencia par la FIR Central American a más tardar el 31 de marzo de 2011	El Instituto Meteorológico Nacional (IMN) de Costa Rica en la reunión que se sostuvo con el Director General, indicó que no cuenta con los recursos económicos para hacerse cargo de las responsabilidades que implica ser una OVM de contingencia de la FIR Central American.	RO MET	31/Mar/11	Válida	Aceptar las responsabilidades para convertirse en una OVM de contingencia de la FIR Central American. Equipo y preparacion como una Oficina de Vigilancia Meteorológica (OVM)

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CAANEWG6	C	7	MET	PROCEDIMIENTOS DE CONTINGENCIA PARA ASEGURAR EL INTERCAMBIO DE DATOS OPMET DE CENTROAMÉRICA	Que:		RO MET	30/Nov/10	Válida	establezcan procedimientos de contingencia par el intercambio de datos vía internet
CAANEWG6	C	7			a) <input type="checkbox"/> las Autoridades de Aviación Civil de los Estados de Centroamérica y COCESNA establezcan procedimientos de contingencia para el intercambio de datos vía internet en caso de falla de las instalaciones AFTN a más tardar el 30 de noviembre de 2010;		RO MET	30/Nov/10	Válida	establezcan procedimientos de contingencia par el intercambio de datos vía internet
CAANEWG6	C	7			b) <input type="checkbox"/> COCESNA coordine lo necesario con Honduras y la FAA de Estados Unidos para que los datos OPMET (TAF; SIGMET, SPECI) preparados y difundidos por Centroamérica estén disponibles en sitio de internet del Banco de Datos de Washington a más tardar el 31 de octubre de 2010; y		RO MET	31/Oct/10	Válida	disponibilidad de datos OPMET (TAF; SIGMET, SPECI) en sitio web del Db de Washington
CAANEWG6	C	7			c) <input type="checkbox"/> los Estados Centroamericanos y COCESNA adopten procedimientos de adquisición, mantenimiento, protección y reparación de equipo para asegurar el intercambio continuo de datos OPMET en Centroamérica a más tardar el 30 de junio de 2011.		RO MET	30/Jun/11	Válida	procedimientos de adquisición, mantenimiento, protección y reparación de equipc

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NACCWG3	C	1	ATM	IMPLEMENTATION OF A PBN AIRSPACE CONCEPT IN THE CAR REGION	That CAR States and Territories and COCESNA implement a PBN airspace concept, in accordance with the PBN Airspace Concept for the CAR Region (http://www.mexico.icao.int/ATM.html#PBN) with the following milestones:	To be discussed under Agenda Item 3.2 from C/CAR/WG/9.	CAR States/Territories and COCESNA	30/Nov/11	Valid	Publications
NACCWG3	C	1			a) <input type="checkbox"/> publish by 30 November 2011: i) <input type="checkbox"/> RNAV 5 navigation specifications for RNAV routes that have been implemented or are in the process of being implemented in the upper airspace; and ii) <input type="checkbox"/> RNAV 1 specifications, as required, for RNAV routes that has been implemented or are in the process of being implemented in the terminal areas (TMA);	To be discussed under Agenda Item 3.2 from C/CAR/WG/9.	CAR States/Territories and COCESNA	30/Nov/11	Valid	Publications
NACCWG3	C	1			b) <input type="checkbox"/> implement: i) <input type="checkbox"/> realignment improvements or new RNAV routes in the lower airspace, in accordance with the air navigation regional agreements; ii) <input type="checkbox"/> continuous descent operations (CDO) in terminal areas (TMA) as required; iii) <input type="checkbox"/> PBN approach procedures, in compliance with ICAO Assembly Resolution A37-11;	To be discussed under Agenda Item 3.2 from C/CAR/WG/9.	CAR States/Territories and COCESNA	30/Nov/11	Valid	Optimized routes in the lower airspace, CDOs and PBN procedures.

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NACCWG3	C	1			c) <input type="checkbox"/> complete the NDB deactivation in coordination with other States with adjacent ATS units, by 31 January 2018;	To be discussed under Agenda Item 3.2 from C/CAR/WG/9.	CAR States/Territories and COCESNA	31/Jan/18	Valid	NDBs deactivation
NACCWG3	C	1			d) <input type="checkbox"/> develop by 31 January 2012 a national data collection programme on PBN implementation results; and	To be discussed under Agenda Item 3.2 from C/CAR/WG/9.	CAR States/Territories and COCESNA	31/Jan/12	Valid	National programme of data collection on the PBN implementation results.
NACCWG3	C	2	ATM	PRELIMINARY OFF-LINE TESTING OF THE NEW FPL FORMAT	That Curacao, Mexico, Dominican Republic, United States and other States, COCESNA and Service Providers, who are able to carry-out preliminary off-line testing for changes to the new flight plan format:	Mexico, Dominican Republic COCESNA and Aeroméxico, carried out a test in December of 2011 another 17 January 2012 (completed)	Curaçao, Dominican Republic, Mexico, United States, COCESNA	31/Dec/11	Valid	Off-line tests
NACCWG3	C	2			a:) That Curacao, Mexico, Dominican Republic, United States and other States, COCESNA and Service Providers, who are able to carry-out preliminary off-line testing for changes to the new flight plan format:	Mexico, Dominican Republic COCESNA and Aeroméxico, carried out a test in December of 2011 another 17 January 2012 (completed)	Curaçao, Dominican Republic, Mexico, United States, COCESNA	31/Dec/11	Valid	Off-line tests
NACCWG3	C	2			b) <input type="checkbox"/> report the results of these tests to the ICAO NACC Regional Office, by 31 January 2012.	It is reported the results in more detail in Item 3.2 of the Agenda (completed)	Curaçao, Dominican Republic, Mexico, United States, COCESNA	31/Jan/12	Valid	Test results

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NACCWG3	C	3	ATM	ACTIONS TO AVOID ERRORS, MISSING AND DUPLICATION OF FLIGHT PLANS	That NAM/CAR States/Territories and COCESNA implement the following actions to avoid errors, missing and duplication of flight plans:	Progress reported in item 3.2	NAM/CAR States/Territories and COCESNA	31/Dec/11	Valid	Publications
NACCWG3	C	3			a) <input type="checkbox"/> publish in the AIP the corresponding procedures in accordance with ICAO SARPs for the coordination, validity and update of changes in flight plans by 31 December 2011;	Progress reported in item 3.2	NAM/CAR States/Territories and COCESNA	31/Dec/11	Valid	Publications
NACCWG3	C	3			b) <input type="checkbox"/> update domestic provisions on flight plan message transmission in accordance with ICAO Doc 4444 and the CAR/SAM Interface Control Document (ICD) for data communications between ATS units, approved by GREPECAS, by 30 December 2011;	Expected answers by States in item 3.2	NAM/CAR States/Territories and COCESNA	30/Dec/11	Valid	Update national provisions and ICD
NACCWG3	C	3			c) <input type="checkbox"/> publish the appropriate address in the AIP for the flight plan transmission by 30 December 2011;	Expected answers by States in item 3.2	NAM/CAR States/Territories and COCESNA	30/Dec/11	Valid	Publish address suitable for Tests transmission.
NACCWG3	C	3			d) <input type="checkbox"/> update letters of agreement (LOAs) between adjacent ATS units for flights that operate from one FIR to an adjacent FIR by 31 May 2012;	Expected answers by States in item 3.2	NAM/CAR States/Territories and COCESNA	31/May/12	Valid	Update LOAs
NACCWG3	C	3			e) <input type="checkbox"/> provide the appropriate training so ATC personnel can provide the ATC clearances according to ICAO Doc 4444, PANS-ATM by 31May 2012;	Progress reported in item 3.2	NAM/CAR States/Territories and COCESNA	31/May/12	Valid	Train ATC Personnel

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NACCWG3	C	3			f) <input type="checkbox"/> coordinate with operators to ensure the timely coordination for data changes and validity of a specific flight plan by 30 December 2011;	Progress reported in item 3.2	NAM/CAR States/Territories and COCESNA	30/Dec/11	Valid	Coordinate with operator
NACCWG3	C	3			g) <input type="checkbox"/> encourage that dispatch offices have a sufficient number of qualified experts for proper flight plan coordination and follow-up by 30 September 2012;	Progress reported in item 3.2	NAM/CAR States/Territories and COCESNA	30/Sep/12	Valid	Secure an agreement. Number of specialists in ARO offices.
NACCWG3	C	3			h) <input type="checkbox"/> consider the implementation of electronic applications for the pre-departure clearance (PDC) by 30 September 2012, as necessary; and	Progress reported in item 3.2	NAM/CAR States/Territories and COCESNA	30/Sep/12	Valid	Implement PDCs.
NACCWG3	C	3			i) <input type="checkbox"/> provide the ICAO NACC Regional Office the implementation progress report of the previous actions by 31 May 2012.	Progress reported in item 3.2	NAM/CAR States/Territories and COCESNA	31/May/12	Valid	Inform to ICAO

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NACCWG3	C	4	AIM	AERONAUTICAL INFORMATION CONCEPTUAL MODEL AND EXCHANGE MODEL	That States/Territories/International Organizations:	States/Territories/International Organizations inform to the meeting advances on the use of an aeronautical information exchange model	States/Territories/International Organizations	31/Dec/12	Valid	Use of the exchange Model
NACCWG3	C	4			a) <input type="checkbox"/> prioritize the initial use of the aeronautical information conceptual model (AICM) and the aeronautical information exchange model (AIXM) to prepare the basis for an aeronautical information electronic exchange;	States/Territories/International Organizations inform to the meeting advances on the use of an aeronautical information exchange model	States/Territories/International Organizations	31/Dec/12	Valid	Use of the exchange Model
NACCWG3	C	4			b) <input type="checkbox"/> use these models until ICAO adopts standards and recommended practices (SARPs) based on AICM/AIXM for Member States;	Inform to the meeting, ICAO NACC Office did not receive any information from States/Territories	States/Territories/International Organizations	31/Dec/12	Valid	Use of the exchange Model
NACCWG3	C	4			c) <input type="checkbox"/> consider specifications related with the development, storage and electronic provision of charts and aeronautical information contained in Annex 4 – Aeronautical Charts, and specifically the eAIP (from the IAIP) in Annex 15 – Aeronautical Information Services; and	Inform to the meeting, ICAO NACC Office did not receive any information from States/Territories	States/Territories/International Organizations	31/Dec/12	Valid	Electronic provision of aeronautical information and electronic aeronautical charts.
NACCWG3	C	4			d) <input type="checkbox"/> report to the ICAO NACC Regional Office on the progress achieved in the application of the conceptual model and aeronautical information exchange by 31 December 2012.	Inform to the meeting, ICAO NACC Office did not receive any information from States/Territories	States/Territories/International Organizations	31/Dec/12	Valid	Report progress to the ICAO NACC Office of.

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NACCWG3	C	5	SAR	SAR PERFORMANCE OBJECTIVE ASSESSMENT IN THE CAR REGION	That, taking into account the need to have information on SAR capacities, the CAR Region States:	It will be discussed in item 3.2 of the Agenda.	CAR Region States	30/Nov/11	Valid	SAR Capacity Analysis
NACCWG3	C	5			a) <input type="checkbox"/> analyze their SAR capacities, as well as available resources, using the SAR Evaluation Matrix included in the Appendix to this part of the report;	It will be discussed in item 3.2 of the Agenda.	CAR Region States	30/Nov/11	Valid	SAR Capacity Analysis
NACCWG3	C	5			b) <input type="checkbox"/> publish in the AIP their SAR response capability within their jurisdiction;	It is expected that C/CAR States, and Nicaragua Belize and Costa Rica submitted information.	CAR Region States	30/Nov/12	Valid	Publication of SAR response capacity
NACCWG3	C	5			c) <input type="checkbox"/> establish effective coordination agreements among civil and military authorities for an efficient use of all available SAR resources in their area of jurisdiction; and	It is expected that C/CAR States, and Nicaragua Belize and Costa Rica submitted information.	CAR Region States	30/Nov/12	Valid	National SAR agreements
NACCWG3	C	5			d) <input type="checkbox"/> send their assessment results to the ICAO NACC Regional Office and Subregional SAR Committee, if applicable, by 30 November 2011.	Only Guatemala, Honduras and El Salvador have submitted information.	CAR Region States	30/Nov/12	Valid	SAR Regional CAR capacity reports

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NACCWG3	C	6	CNS	ADS-B TRIALS AND ANALYSIS IN THE CAR REGION	That, in order to consolidate ADS-B activities to have homogeneous criteria in the analysis and data exchange:	<input type="checkbox"/> i) Cuba, COCESNA and Jamaica are collecting data. Mexico and Trinidad and Tobago are developing plans, United States this by analyzing dat. ii) We have an initial list of PoCs was agreed at the workshop ADS/MLAiii) United States has reported the PoC for assistance and is leader of the Group Ad Hoc ADB data analysis.	States/Territories/COCE SNA	30/Dec/11	Valid	Report of trials and their results.
NACCWG3	C	6			a) <input type="checkbox"/> States/Territories/COCES NA, who are carrying out ADS-B trials, or who have near-term plans to do so: i. <input type="checkbox"/> inform the ICAO NACC Regional Office about these trials or plans by 31 December 2011; ii. <input type="checkbox"/> Designate a point-of-contact to coordinate these activities and notify this information to the ICAO NACC Regional Office; iii. <input type="checkbox"/> Consider the technical support and assistance offered by the United States on these activities; iv. <input type="checkbox"/> Report their progress to the ICAO NACC Regional Office for 31 December 2012;	<input type="checkbox"/> i) Cuba, COCESNA and Jamaica are collecting data. Mexico and Trinidad and Tobago are developing plans, United States this by analyzing dat. ii) We have an initial list of PoCs was agreed at the workshop ADS/MLAiii) United States has reported the PoC for assistance and is leader of the Group Ad Hoc ADB data analysis.	States/Territories/COCES NA	30/Dec/11	Valid	Report of trials and their results.
NACCWG3	C	6			b) <input type="checkbox"/> the ICAO NACC Regional Office: i. <input type="checkbox"/> support coordination with users (IATA/ALTA) for their participation in these trial activities; and ii. <input type="checkbox"/> provide assistance to participating States with the development and definition of this homogeneous analysis criteria as well as with the activities mentioned in item a).	i) ICAO has contacted to IATA and CANSO to support, ii) formed the Ad Hoc Group on this issue.	ICAO		Valid	Coordinate with the users and assist States.

STATUS AND FOLLOW-UP OF CONCLUSIONS (C) AND DECISIONS (D) OF THE NORTH AMERICAN, CENTRAL AMERICAN AND CARIBBEAN WORKING GROUP (NACC/WG) OUTSTANDING AFTER THE PREVIOUS MEETING

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C/CAR/WG/9 - WP/02
APPENDIX B

Meeting	C/D	No.	Area	Title of Conclusion / Decision	Text of Conclusion / Decision	Follow-up and Remarks	Responsibility	Target Completion Date	Status (Valid, Completed, Superseded)	Deliverable
NACCWG3	C	7	MET	ACTIONS TO IMPROVE AE	That States/Territories,		States/Territories	31/Dec/12	Valid	
NACCWG3	C	7			a) <input type="checkbox"/> introduce or enhance the operational use of the internet for OPMET data exchange by 31 December 2012;		States/Territories	31/Dec/12	Valid	
NACCWG3	C	7			b) <input type="checkbox"/> establish a Quality System for the meteorological information provided to the aviation users by 15 November 2012; and	States have attended seminars/workshops prepared by ICAO/WMO and FMI (Finnish Meteorological Institute) to provide the necessary guidance to prepare the documentation that would lead them to implementation	States/Territories	15/Nov/12	Valid	The implementation of a QMS for aeronautical meteorological services
NACCWG3	C	7			c) <input type="checkbox"/> register as soon as possible as WIFS users, and adopt measures to acquire, upgrade or replace the WIFS facilities to access the WIFS by 31 March 2012.	Technical assistance have been provided by the US FAA in order to facilitate the transition process from the WAFS ISCS to the WAFS Internet File Service (WIFS)	States/Territories	31/Mar/12	Valid	To be able to visualize the WAFS products using the WIFS which includes the GRIB1, GRIB2 and BUFR archives.

APPENDIX C

CONCLUSIONS FROM THE C/CAR/WG/8 MEETING

CONCLUSION 8/1 IMPROVE SAR SYSTEMS IN THE C/CAR

That:

- a) States/Territories of the C/CAR and COCESNA review and update existing SAR Agreements and seek permission for SAR Units from other States to provide SAR assistance within the jurisdiction of another State;
- b) States/Territories of the C/CAR and COCESNA establish proper coordination between civil and military authorities for an efficient use of all available SAR resources;
- c) States/Territories of the C/CAR and COCESNA review SAR staffing requirements;
- d) States/Territories of the C/CAR and COCESNA review the response capacity in the C/CAR;
- e) States/Territories of the C/CAR and COCESNA complete the SAR Matrix (refer to Appendix C to this part of the report) and submit it to the C/CAR SAR Task Force Rapporteur (Mr. Antonio Piron, Dominican Republic, e-mail: pironb@gmail.com) by **31 December 2010**; and
- f) the SAR Task Force Rapporteur present to the NACC/WG/4 meeting the progress made to improve SAR service in the C/CAR.

CONCLUSION 8/2 EXTENSION OF RNAV ROUTES OF THE GULF OF MEXICO TOWARDS THE CAR REGION

That:

- a) United States and Mexico coordinate with the ICAO NACC Regional Office to hold in Mexico City the next meeting of the Working Group for the implementation of RNP-10 in the Gulf of Mexico by the third quarter of 2010;
- b) the C/CAR States/Territories and COCESNA send to the ICAO NACC Regional Office by **31 December 2010** their proposals to expand the implementation of upper airspace RNAV routes of the Gulf of Mexico; and
- c) the ICAO NACC Regional Office:
 - i) foster the participation of C/CAR States/Territories and COCESNA in the meetings of the Working Group for the implementation of RNP-10 in the Gulf of Mexico; and
 - ii) integrate all the proposals of upper airspace new RNAV routes within a PBN airspace concept for the CAR Region by end 2010.

CONCLUSION 8/3 PBN IMPLEMENTATION ACTIONS IN THE C/CAR

That States/Territories of the Central Caribbean and COCESNA:

- a) establish a register for RNP 4 and RNP10 approved aircraft by **15 October 2010**;
- b) publish by 15 October 2010:
 - a) RNAV 5 navigation specifications for upper airspace RNAV routes either already implemented or in the process of being implemented; and
 - ii) RNAV 1-2 navigation specifications if applicable for terminal areas (TMAs) RNAV routes either already implemented or in the process of being implemented;
- c) study:
 - i) the implementation improvements or realignment in the RNAV routes network in the upper airspace;
 - ii) the implementation of continuous descent operations (CDOs) in terminal areas (TMAs) of their jurisdiction; and
- d) inform the ICAO NACC Regional Office by **30 October 2010** of the progress achieved of actions indicated in items a), b) and c) for the harmonized implementation of a PBN airspace concept for the CAR Region.

CONCLUSION 8/4 ESTABLISHMENT OF ATS SAFETY MANAGEMENT MEASURES TO REDUCE ATC COORDINATION LOOP ERRORS

That Dominican Republic, Haiti and Netherlands Antilles, no later than **15 December 2010**:

- a) in accordance with Doc 9859 - *Safety Management Manual (SMM)*, establish measures to identify threats and/or incidents and risk mitigation actions;
- b) establish a target maximum number of LHDs incidents and/or occurrences;
- c) based on ICAO Circ 314 - *Threat and Error Management (TEM) in Air Traffic Control*, establish ATC supervision programmes in ATS units;
- d) foster bilateral coordination meetings among ATC supervisors in order to exchange experiences and data on ATC coordination errors cycle and actions taken to mitigate their occurrence;
- e) plan the interface of ATS automated systems for data exchange of the flight plan and AIDC messages in accordance with ICAO guidelines; and
- f) inform the ICAO NACC Regional Office by **31 December 2010** on the agreements reached, actions implemented in accordance with Appendix G to this part of the report, and any assistance required.

CONCLUSION 8/5**IMPROVEMENTS IN THE ATS COMMUNICATION BETWEEN CUBA, MEXICO, UNITED STATES AND COCESNA**

That, in order to improve ATS communication between Cuba, Mexico, United States and COCESNA, and considering the satisfactory performance of the MEVA II Network and its new node in Atlanta, United States:

- a) the ICAO NACC Regional Office urge Mexico to analyze and implement operational use of the MEVA II Network with adjacent ACCs of Cuba, United States and COCESNA;
- b) Cuba, United States and COCESNA identify and provide operational requirements to extend the MEVA II Network to Mexico to the ICAO NACC Regional Office by **30 September 2010**; and
- c) Cuba, Mexico, United States and COCESNA, in coordination with the ICAO NACC Regional Office, provide a report on progress and results of these activities to the NACC/DCA/4 Meeting, scheduled to be held in 2011.

CONCLUSION 8/6**IMPLEMENTATION OF THE NEW WAFS INTERNET FILE SERVER (WIFS) BY JUNE 2012**

That, considering that the International Satellite Communication System – World Area Forecast System (ISCS-WAFS) workstations are used to transmit and receive meteorological data,

- a) the FAA of United States provide the ICAO NACC Regional Office by e-mail with information on whether the WAFS Internet File Service (WIFS) will be a 2-way (transmit/receive) capacity system by **30 July 2010**, to be forwarded to the C/CAR States/Territories and COCESNA; and
- b) the C/CAR States/Territories and COCESNA:
 - i) coordinate proper actions for the acquisition of new WIFS equipment, if required, in order to ensure provision of WAFS products in the C/CAR by **30 September 2010**; and
 - ii) provide information to the ICAO NACC Regional Office not later than **30 April 2011** on the actions taken for the transition to the new WIFS, expected in June 2012.