



International Civil Aviation Organization

North American, Central American and Caribbean Office (NACC)

Fourth Eastern Caribbean Network Technical Group and Second Eastern Caribbean Radar Data Sharing Adhoc Group Meetings

(E/CAR/NTG/4- E/CAR/RD/2)

Martinique, French Antilles, France, 17 to 18 June 2013

Agenda Item 1: Review of valid conclusions from E/CAR/WG/33 and E/CAR/DCA/24 Meetings related the work of the NTG

1.2 Revision and actions concerning E/CAR/WG/33 and E/CAR/DCA/24 Meetings related to the E/CAR AFS Network

REVISION AND ACTIONS CONCERNING E/CAR/WG/33 AND E/CAR/DCA/24 CONCLUSIONS RELATED TO THE ECAR AFS NETWORK

(Presented by the Secretariat)

SUMMARY

This paper makes a follow-up and revision of the E/CAR/WG/33 and E/CAR/DCA/24 and other conclusions, suggesting actions and activities in support of these conclusions and agreements, all in relation to the E/CAR AFS Network.

References:

- Thirty-third Eastern Caribbean Working Group Meeting (E/CAR/WG/33) Meeting, Christ Church, Barbados from 4 to 8 June 2012.
- Twenty Fourth Meeting of Directors of Civil Aviation of the Eastern Caribbean (E/CAR/DCA/24), Martinique, France, from 2 to 5 October 2012
- Third Meeting of the Eastern Caribbean Network Technical Group (E/CAR/NTG/3) Meeting, Christ Church, Barbados, 5 to 6 June, 2012

Strategic Objectives

*This working paper is related to Strategic Objectives:
A. Safety – Enhance global civil aviation safety, and
C. Environmental Protection and Sustainable Development of Air Transport*

1. Introduction

1.1 The Eastern Caribbean Network Technical Group (E/CAR/NTG) is a standing technical group to the E/CAR/DCAs providing support as well to the E/CAR Civil Aviation Technical Group (E/CAR/CATG) Mechanism (formerly the E/CAR/WG).

1.2 The E/CAR/NTG is responsible of the activities related to the analysis and monitoring of the status of the current E/CAR AFS Network, to recommend measures to improve the reliability of the E/CAR AFS Network for the immediate/near term and study, analyze and follow-up on the planning, documentation and implementation of improvements to the network.

2. Discussion

2.1 During the E/CAR/NTG/03 Meeting a follow-up to the E/CAR AFS Network related valid conclusions from the E/CAR/WG, NACC/WG, NACC/DCA, E/CAR/DCA and PIARCO Policy Meetings was made, highlighting:

- a) No conclusion from the NACC/DCA Meetings was found, requesting E/CAR AFS Network activities.
- b) From the E/CAR/WG/31 and E/CAR/WG/32 Meetings: all conclusions were completed or superseded (C31/6 b), c) and d) and C31/7 b) and c), C32/5 and C32/6). The maintenance E/CAR/NTG Point of Contact were updated in the ICAO NACC Regional website: <http://www.mexico.icao.int/RegionalGroups/ECARWG/PoCforMaintenanceCoordinationinECARAFSNetwork.pdf>
- c) With the satisfactory performance and dimensioning of the E/CAR AFS Network to support other services like AISS, ADS-B, radar, etc. the following NACC/WG/03 conclusions were considered completed: C3/2, C3/3 and C3/6.
- d) From the E/CAR/DCA/23 Meeting: all conclusions were completed (C23/6, C23/7 and C23/8)
- e) From the PIARCO Policy Group Meeting: C/1/2 completed with the Radar Data Server in Trinidad and Tobago and the radar circuits availability. C/1/3 is valid pending on the definition of the AIS Contingency Plan.

2.2 From the analysis of the E/CAR/WG/33 and E/CAR/DCA/24 Meetings, the following conclusions are considered related to the E/CAR AFS Network:

2.3

- E/CAR/WG/33 Meeting: C/33/3 and C/33/8; and
- E/CAR/DCA/24 Meeting: C24/2 and C24/3

2.4 The follow-up to these conclusions is provided in **Appendix** to this paper.

2.5 During the E/CAR/DCA/24 Meeting, the E/CAR/NTG informed of the results of the Third Eastern Caribbean Network Technical Group Meeting (E/CAR/NTG/3) and the final deployment and performance of the E/CAR Aeronautical Fixed Services (AFS) Network Multiprotocol Label Switching (MPLS), highlighting:

- a) the satisfactory performance of the E/CAR AFS Network during the six-month evaluation period, taking note that the Network is ready and capable of supporting the new telecommunication requirements for the AMHS, AISS/CFP and radar data exchange.
- b) implementation of the E/CAR AFS Network is almost completed with only the circuit between Antigua and Guadeloupe remaining. Trinidad and Tobago informed that the telecom provider proposal for the Antigua-Guadeloupe circuit has been approved and the circuit should be completed by mid November 2012.

This will resolve the AFTN problems and provide circuit redundancy to Guadeloupe.

- c) the progress made with the interconnection of the MEVA II Network as well as the completion of the common MEVA E/CAR AFS Network Request for Information (RFI) document.

3. Suggested Actions

3.1 The meeting is invited to:

- a) revise the suggested actions and status of the valid conclusions from the PIARCO Policy Group and the E/CAR/WG/33 and E/CAR/DCA/24 Meetings; and
- b) take any other action as deem necessary.

APPENDIX

FOLLOW – UP CONCLUSIONS

Conclusion	Description	Status
<p>Conclusion PIARCO/FIR/PG/1/3 PIARCO AIS Contingency Plan</p>	<p>That:</p> <ul style="list-style-type: none"> a) the E/CAR/WG AIS Committee, in collaboration with the Trinidad and Tobago Piarco AIS Office, develop and circulate a draft Piarco AIS Contingency Plan to E/CAR States, ECCAA and ICAO by 15 March 2011 b) E/CAR States, ECCAA and ICAO will provide the E/CAR/WG AIS Committee with comments on the draft PIARCO AIS Contingency Plan by 31 March 2011; and c) the E/CAR/WG AIS Committee Rapporteur, E/CAR/WG Chairman or Trinidad and Tobago will present the proposed PIARCO AIS Contingency Plan at the NACC/WG/3 Meeting in May 2011 	<p>Valid</p> <p>Telecom requirements to be identified and analysed for its implementation based on the definition of the AIS Contingency Plan.</p>
<p>Conclusion E/CAR/WG 33/3 Radar Data Sharing Activities in the ECAR Region</p>	<p>In order to prepare for the implementation of the radar data activities in the E/CAR Sub-Region, that:</p> <ul style="list-style-type: none"> a) Trinidad and Tobago confirm to E/CAR States/Territories and the ICAO NACC Regional Office by 29 June 2012 that the Flight Plan identification correlation information can be sent with the system tracks; b) E/CAR States and Territories interested in receiving radar data, provide a Point of Contact and their operational requirements to the CNS Committee Rapporteur (Veronica Ramdath, Trinidad and Tobago) by 31 August 2012; c) States/Territories providing radar data to the Radar Data server, to provide their theoretical radar coverage (FL 10, 30, 50, 100, 150, 200 and 300) to the CNS Committee Rapporteur by 10 July 2012; and a) Trinidad and Tobago to provide to E/CAR States and the ICAO NACC Regional Office the radar sharing Interface Control Document (ICD) by 31 October 2012. 	<p>Completed.</p> <p>E/CAR AFS Network already capable to satisfy these radar Data sharing needs.</p>

<p>CONCLUSION E/CAR/WG 33/8</p> <p>Action Plan For AIDC Implementation Using CPL - LAM Messages</p>	<p>That, considering the importance and benefits of AIDC implementation, States/ Territories of the Eastern Caribbean:</p> <ol style="list-style-type: none"> a. Inform the ICAO NACC Regional Office about the capacity of their ATC Systems to process CPL - LAM messages no later than 21 September 2012; b. Review the NAM ICD and CAR/SAM ICD as a basis to implement AIDC, recommending changes to the CAR/SAM ICD for its update no later than 26 October 2012; c. Prepare with the support of ICAO an action plan to harmonize the AIDC implementation for the use of CPL – LAM messages; and d. Present the implementation of this Action Plan to the next Working Group meeting. 	<p>Valid</p> <p>Telecom requirements to be identified and analysed for its AIDC implementation.</p>
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