



ICAO

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WORKING PAPER

E/CAR/NTG/5 & E/CAR/RD/3

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Fifth Eastern Caribbean Network Technical Group (E/CAR/NTG/5) and Third Eastern Caribbean Radar Data Sharing Ad-hoc Group (E/CAR/RD/3) Meetings

Guadeloupe, France, 22 to 24 October 2014

Agenda Item 1: Review of Valid Conclusions from E/CAR/CATG/01 and ECAR/DCA/25 Meetings Related to the Work of the NTG and RDS

1.1 Follow-up on previous E/CAR/NTG Conclusions and Decisions

FOLLOW-UP ON PREVIOUS E/CAR/NTG CONCLUSIONS AND DECISIONS

(Presented by E/CAR/NTG Rapporteur)

EXECUTIVE SUMMARY

This paper examines the actions taken regarding the valid conclusions from previous E/CAR/NTG Meetings, as well as the conclusions and decisions formulated by the E/CAR/NTG/4 and E/CAR/RD/2 Meetings

Action:	The suggested actions are given in Section 3
<i>Strategic Objectives:</i>	<ul style="list-style-type: none">• Safety• Air Navigation Capacity and Efficiency• Environmental Protection
<i>References:</i>	<ul style="list-style-type: none">• E/CAR/NTG/4 and E/CAR/RD/2 Meetings Final Report (Martinique, French Antilles, France, 17 - 18 June 2013)

1. Introduction

1.1 The Fourth Meeting of the Eastern Caribbean Network Technical Group (E/CAR/NTG/4) and the Second Eastern Caribbean Radar Data Sharing Group Meeting (E/CAR/RD/2) were carried out at the Carayou Hotel, Martinique, French Antilles, France, from 17 - 18 June 2013. The meeting counted with the assistance of seven (7) E/CAR States/Territories, one international organization, ECCAA in representation of the OECS States, ICAO and the E/CAR AFS Network Service Provider (TSTT); making a total of 29 participants.

1.2 The Meeting reviewed the valid conclusions from the previous E/CAR/NTG meetings: C2/1, C2/3, C2/5, C2/9, C/3/1 and decision D3/2. The Meeting concluded that all these conclusions were completed and C2/1 superseded.

1.3 As result of the meeting deliberations, the meeting also formulated ten (10) conclusions and six (6) decisions.

2. **Discussion**

2.1 The follow-up to the E/CAR/NTG and E/CAR/RD valid conclusions/decisions is presented in **Appendix** to this paper.

3. **Suggested action**

3.1 The meeting is invited to:

- a) revise the actions taken and report on the valid E/CAR/NTG and E/CAR/RD conclusions and decisions; and
- b) agree to any other actions as deemed appropriate.

APPENDIX
FOLLOW-UP TO THE E/CAR/NTG AND E/CAR/RD VALID CONCLUSIONS/DECISIONS

Conclusion/Decision	Description	Status
Conclusion E/CAR/NTG/4/01: IMMEDIATE RESTORATION OF ECAR AFS NETWORK NODE REDUNDANCY IN ST. KITTS AND ANGUILLA	That Saint Kitts and Anguilla, as a matter of urgency, no later than 30 June 2013, to communicate with Trinidad and Tobago to agree on the necessary actions to restore the node redundancy for the replacement of the failed equipment.	Valid. Proposals were obtained from TSTT and sent to: St. Kitts – router Anguilla – router and UPS Damaged due to environmental conditions. Both States have acknowledged receiving the proposals. ICAO was asked to send a letter to the states regarding this matter.
Conclusion E/CAR/NTG/4/02: E/CAR AFS NETWORK STANDARD OPERATIONS PROCEDURES (SOP): MPLS MAINTENANCE PROCEDURE AND SERVICE LEVEL OF AGREEMENT	a) E/CAR/NTG Rapporteur to draft and submit to E/CAR/NTG Members a E/CAR AFS Network Standard Operations Procedures (SOP) including all maintenance and necessary network operation procedures as well as the MPLS SLA by 30 September 2013 ; b) E/CAR/NTG members to provide comments on E/CAR AFS Network SOP by 31 October 2013 ; and c) E/CAR AFS Network members to apply E/CAR AFS Network Standard Operations Procedures (SOP) final version by 31 December 2013 .	To be superseded The SOP from the FAA was received and reviewed by TSTT and TTCAA. Comments were received from France on a SOP for E/CAR AFS. The SOP including the FAA and E/CAR documents is being drafted. New conclusion to be proposed to supersede this one.
Conclusion E/CAR/NTG/4/03: E/CAR AFS NETWORK AVAILABILITY IMPROVEMENT	In order to improve the E/CAR AFS network availability that: a) TSTT analyse and identify any issues that can improve availability figures per node and advise the E/CAR/NTG Rapporteur by September 30 th 2013 and b) E/CAR AFS Members to be informed of the actions to be taken to improve the local node availability by the next teleconference in August 2013.	Completed (a) TSTT identified that some issues with respect to power outages were outside of their scope. (b) Commercial power is under the responsibility of the State. TSTT has improved coordination with the local support to improve response time in the event of router failures to switch to the standby router.
Conclusion E/CAR/NTG/4/04: E/CAR AFS NETWORK AVAILABILITY STATISTICS	In order to improve the Network availability information reported and analysed by the E/CAR AFS Network members that TSTT: a) To calculate the network availability per node discriminating the preventive maintenance downtime; b) To provide a bandwidth utilization graphic with individual node presentation; c) Include on these graphic updates a comparative approach with the previous Network report to identify improvements; and d) Submit the new information to the E/CAR AFS Members before the first teleconference.	Completed Notwithstanding the Bandwidth utilisation information available on the portal, the figures were emailed to members.
Decision: E/CAR/NTG/4/05 E/CAR AFS NETWORK CONTINGENCY PROCEDURES	That France and the United States develop network contingency procedures and present the final version of this document to the E/CAR/NTG/5 meeting.	Valid France presented some ideas for this plan under their WP. To be presented at E/CAR/NTG/5 Meeting.

Conclusion/Decision	Description	Status
Conclusion E/CAR/NTG/4/06: VOICE FAILURES BETWEEN BARBADOS AND MARTINIQUE	That TSTT reviews the dial plan and any activity needed to resolve the voice communications between Barbados and Martinique before 30 June 2013	Completed. Verified at site maintenance visit to Barbados (28-29/10/2013) and Martinique (11/11/2013).
Decision E/CAR/NTG/4/07 ANTIGUA AND BARBUDA RADAR RESTORATION	That Antigua and Barbuda reports no later than 30 September 2013, the final status and planning for the restoration of their radar system including the necessary actions to start radar data sharing with Sint Maarten.	To be superseded Antigua reported that they are working closely with Selex and restoration work has started. New conclusion to be proposed to supersede this one.
Conclusion E/CAR/NTG/4/08: IMPROVEMENT TO FAILURE REPORT DESCRIPTION AND FEEDBACK	Since Trinidad and Tobago is responsible for the operation and outcomes of the TopDesk application, that Trinidad and Tobago: a) Clearly identify the type of failure (application or network) in its responses on Topdesk; b) Provide feedback to all failure reports; and c) Report these improvement to the next teleconference	Valid Trinidad and Tobago to report on the E/CAR/NTG/05 Meeting
Conclusion E/CAR/NTG/4/09: ECCAA AFS NETWORK PROCEDURE IMPROVEMENTS	Since ECCAA is the CNS Service Provider for the OECS States and that a minimum maintenance level review is made before issuing a failure report, that: a) ECCAA to review and update their maintenance reporting procedure with their ECCAA Members by the end of July 2013; and b) Trinidad and Tobago to provide Dominica an online training for the use of the TopDesk application.	(a) Completed (b) Completed- On line training Nov 22, 2013
Decision E/CAR/NTG/4/10: REVIEW OF OPERATIONAL GUIDANCE MATERIAL	That ECCAA in collaboration with France and Saint Lucia review the operational guidance material and present a final draft to the Radar Sharing Rapporteur no later than 31st July 2013.	Completed This same guidance was used by ECCAA as a reference for the development of the RASA Manual.
Decision E/CAR/NTG/4/11: SUBMISSION OF PROCEDURE TO REQUEST CPU DONATED BY FRANCE	In order to facilitate the procedure for obtaining the CPUs donated by France, that France submits to the Rapporteur E/CAR/NTG and ICAO a template with the necessary requirements and conditions to formalize the request for these CPUs, including the required environmental conditions no later than 30th June 2013.	Completed

Conclusion/Decision	Description	Status
<p>Conclusion E/CAR/NTG/4/12: IMPLEMENTATION OF RADAR DATA DISPLAYS WITH CPUS PROVIDED BY FRANCE</p>	<p>In order to facilitate the implementation of the Radar Data Displays based on the France provided CPUs, that:</p> <ul style="list-style-type: none"> a) Trinidad and Tobago arrange the implementation of the radar data feed to each corresponding note for operation of each radar display no later than end of September 2013; b) Anguilla, Antigua and Barbuda, Dominica, Barbados, Montserrat and St. Kitts and Nevis proceed with the acquisition of the necessary monitor and local power conditioning requirement for the CPU by the end of September 2013; and c) All participants in action a) and b) to provide progress to the E/CAR/DCA/25 Meeting. 	<ul style="list-style-type: none"> (a) Valid: Trinidad and Tobago to report on the E/CAR/NTG/05 Meeting (b) States to report on the E/CAR/NTG/05 Meeting (c) Completed
<p>Decision E/CAR/NTG/4/13 RADAR TECHNICAL SPECIFICATION REQUEST FOR INFORMATION</p>	<p>In order to provide an accurate scenario for the implementation of the radar display for the medium-long term solution that France and Trinidad and Tobago:</p> <ul style="list-style-type: none"> a) Complete the update of the radar technical specifications; b) assisted by ICAO, conduct a Request for information for the radar technical specifications for best technical solution for radar data display for situational awareness considering the current radar requests; and c) inform by the E/CAR/DCA/25 Meeting the progress and results of these actions. 	<p>Completed</p>
<p>Decision E/CAR/NTG/4/14: UPDATE TO RADAR DATA SHARING IMPLEMENTATION ACTION PLAN</p>	<p>In order to update the activities for the radar data sharing implementation action plan, that Trinidad and Tobago:</p> <ul style="list-style-type: none"> a) update the Radar Data Sharing Action Plan including all the actions and activities discussed and agreed in the E/CAR/NTG/04 Meeting, in terms of long and short term solution actions, States/territories implementing the Radar Displays in Phase 1 and 2, etc; b) present an initial draft of this update to the next Radar Data Sharing Adhoc Group teleconference in August 2013 for approval; and c) present the final update to the E/CAR/DCA/25 Meeting. 	<p>Completed</p>
<p>Conclusion E/CAR/NTG/4/15: LOCAL TELECOM INFRASTRUCTURE</p>	<p>That the E/CAR States/territories implementing the Radar Displays in the short term solution, implement the necessary local telecommunications infrastructure to complete the connectivity of the circuits provided by the E/CAR AFS Network from the demarcation point of the E/CAR AFS network router.</p>	<p>States to report on the E/CAR/NTG/05 Meeting.</p>

Conclusion/Decision	Description	Status
Conclusion E/CAR/NTG/4/16: HOSTING OF THE NEXT E/CARNTG/05 AND III RADAR DATA SHARING ADHOC GROUP MEETINGS	In order to conduct the next E/CAR/NTG/05 and III Radar Data Sharing Adhoc Group Meetings together to discuss and agree on the matters related to the expected improvements in the network performance, reporting and interconnection, as well as the result on radar data sharing activities, that the E/CAR/NTG Rapporteur prepares the necessary dissertation for the DCAs in the coming E/CAR/DCA/25 for requesting the States support for a host country for these meetings	Completed. The French West Indies offered to host the E/CAR/NTG/5 and E/CAR/RD/3 Meetings in Guadeloupe in 2014.