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WORKING PAPER

(E/CAR/NTG/6 & E/CAR/RD/4) WP/02
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Sixth Eastern Caribbean Network Technical Group (E/CAR/NTG/6) and Fourth Eastern Caribbean Radar Data Sharing Ad-hoc Group (E/CAR/RD/4) Meetings
Miami, United States, 13 - 14 July 2015

Agenda Item 2: Review of Valid Conclusions from E/CAR/NTG/05-RDS/03, E/CAR/CATG/01 and ECAR/DCA/25 Meetings related to the Work of the NTG and RD

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

FOLLOW-UP TO VALID CONCLUSIONS AND DECISIONS OF THE E/CAR/NTG-RDS MEETINGS

(Presented by E/CAR/NTG Rapporteur)

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/5 and E/CAR/RD/3 Meetings.	
Action	The suggested actions are presented in Section 3.
Strategic Objectives	<ul style="list-style-type: none">• Safety• Air Navigation Capacity and Efficiency
References	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, French Antilles, France, 22 to 24 October 2014.

1. Introduction

1.1 The Fifth Meeting of the Eastern Caribbean Network Technical Group (E/CAR/NTG/5) and the Third Eastern Caribbean Radar Data Sharing Group Meeting (E/CAR/RD/3) were held at the Canella Hotel in Guadeloupe, French Antilles, France, from 22 to 24 October 2014. The Meeting was attended by ten (10) States/Territories, one (1) International Organizations, and five (5) industry representatives totalling thirty five (35) delegates. The E/CAR/AFS Network service provider, Telecommunications Services of Trinidad and Tobago (TSTT) and one (1) industry representative participated via web teleconference.

1.2 The Meeting reviewed the valid conclusions and decisions from the previous E/CAR/NTG meetings and concluded the following:

- Completed: C4/03, C4/04, D4/05, C4/06, C4/09, D4/10, D4/11, C4/12 (a) and (c), D4/13, D4/14 and C4/16.
- Superseded: C4/01, C4/02, D4/07, D4/08, C4/12 (b) and C4/15.

1.3 As result of the meeting deliberations, six (6) conclusions and nine (9) decisions were formulated.

2. **Discussion**

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

- Valid: D5/1, C5/3, C5/5, C5/6, D5/7, D5/8, C5/10, D5/11, D5/12, D5/13, C5/14 and D5/15.
- Completed: C5/2, C5/4 and C5/9.

3. **Suggested actions**

3.1 The meeting is invited to:

- a) review 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.

FOLLOW UP TO CONCLUSIONS AND DECISIONS - FIFTH EASTERN CARIBBEAN NETWORK TECHNICAL GROUP MEETING (E/CAR/NTG/5) AND THIRD EASTERN CARIBBEAN RADAR DATA SHARING ADHOC GROUP MEETING (E/CAR/RD/3)

Conclusion/Decision	Description	Follow-up	Status
DECISION E/CAR/NTG/5/01 Evaluation of Conclusions and Identification of Contributions for E/CAR/CATG and E/CAR/DCA Meetings	That, in order to provide the timely support from the E/CARNTG and the E/CAR/RD on the valid conclusions related to the E/CAR AFS Network formulated by the E/CAR/CATG/01, E/CAR/DCA/25 Meetings, ANI/WG/01 and NACC/WG meetings, that France, United States and the E/CAR/NTG Rapporteur evaluate these conclusions and identify the possible contributions from the E/CARNTG and the E/CAR/RD to be reported to the E/CAR/CATG and E/CAR/DCA 2015 Meetings.	To be reported at this meeting	Valid
Conclusion E/CAR/NTG/5/2 Immediate Solution to Anguilla catastrophic failure	That, in order to implement the immediate actions to solve the catastrophic failure in Anguilla, a) ASSI, ECCAA, TTCAA and Anguilla to conduct technical evaluation visits of the Anguilla's facilities housing the E/CAR AFS equipment for identifying improvements; and b) Anguilla take the necessary actions to restore the E/CAR AFS equipment functionality	(a) Technical visits were conducted by TSTT, ECCAA and TTCAA. Improvement identified and implemented – the equipment rack was relocated to another space in the same equipment room, all doors and windows are sealed. (b) Anguilla has provided the necessary funds based on a proposal from TSTT for the replacement of the routers and the UPS. The equipment has been purchased, configured and sent to Anguilla on June 30, 2015. When cleared from customs TSTT/TTCAA will go to Anguilla to install and test.	Completed
Conclusion E/CAR/NTG/5/3 Immediate Restoration of ECAR AFS Network Node Redundancy in St. Kitts	That, in order to restore the node redundancy for the replacement of the failed equipment in Saint Kitts, a) Trinidad and Tobago to submit end by 30 October a letter to ECCAA on the risk and critical situation due to the lack of the router replacement; b) ICAO to submit a letter to St. Kitts immediately after TTCAA's letter; and c) St. Kitts to report back by 30 November on the actions taken to conduct this replacement.	(a) A teleconference was held with ECCAA which was followed up with a letter detailing the failure and the implications. (b) The letter by ICAO was submitted. (c) Due to the length of time elapsed since the proposal from TSTT was submitted for the replacement router, a revised proposal was sent to St. Kitts on May 28, 2015. St. Kitts has advised that the funds are being sourced.	Valid
Decision E/CAR/NTG/5/4	That, in order to carry out the pending maintenance actions	(a) The Antigua and the Guadeloupe	Completed

Conclusion/Decision	Description	Follow-up	Status
Pending Maintenance actions by TSTT	related with the E/CAR AFS Equipment, TSTT: a) Provide the Guadeloupe and Antigua backup routers during the maintenance visit scheduled for Nov-Dec 2014; and b) During the maintenance visit resolve the backup routing table to allow automatic backup for Martinique	secondary routers were replaced. (b) TSTT to respond.	
Conclusion E/CAR/NTG/5/5 E/CAR AFS Network Contingency Procedures	That, in order to make official and homogeneously apply the E/CAR AFS Network contingency procedures, E/CAR AFS Members implement by the E/CAR/DCA/26 Meeting, the network contingency procedures, incorporating them in their operational procedures.	To be followed-up in the Meeting	Valid
Decision E/CAR/NTG/5/6 SNMP Tool for Local Equipment supervision	That in order to improve local supervision of the equipment, a) France to conduct a feasibility study into the development of the supervision tool; b) Trinidad and Tobago will provide the applicable information (MIBs) as required for the tool development; and c) Report on the progress of the SNMP Tool by next ECAR/NTG Meeting	To be followed-up in the Meeting	Valid
Decision E/CAR/NTG/5/7 ECAR AFS Network Maintenance actions	That, in order to conduct the appropriate maintenance actions of the E/CAR AFS Network: a) Trinidad and Tobago: <ul style="list-style-type: none"> • Informs at least with a two-weeks' notice of the maintenance dates; • Provide more detailed feedback to all failure reports in the TopDesk application; and b) TSTT to provide: <ul style="list-style-type: none"> • Breakout of faults regarding power failures • Availability statistics 	(a) Prior notice as discussed was implemented. Based on the interval between request for the visits and approval, the notification may be closer. An email advising pending visits was sent out earlier. (b) Information was presented by TSTT. To be followed up at this meeting.	Valid
Decision E/CAR/NTG/5/8 Completion of E/CAR AFS NETWORK STANDARD OPERATIONS PROCEDURES (SOP):	That, in order to complete the SOP and start its application, the E/CAR/NTG Rapporteur to finalize the compilation of the E/CAR AFS network Standard Operations Procedures (SOP): MPLS maintenance procedure and service level of agreement including the inputs from United States, France, ECCAA and TSTT and present this final draft document at the follow up teleconference in February 2015.	Work is on-going on this activity with a draft document to be available for review by October 2015.	Valid

Conclusion/Decision	Description	Follow-up	Status
Decision E/CAR/NTG/5/9 Implementation Considerations for Radar Data Displays with CPUs provided by France	That, to facilitate the implementation of the Radar Data Displays based on the France provided CPUs that Antigua and Barbuda, Dominica, Barbados, Montserrat and St. Kitts and Nevis ensure the availability of the monitor and comply with the installation considerations proposed by France.	Displays were provided and implementation completed for Antigua, Dominica, Barbados, Grenada, Montserrat, St. Kitts and Nevis.	Completed
Conclusion E/CAR/NTG/5/10 Availability of French Radar Data by E/CAR States/Territories	That, to make the French Radar data available to any E/CAR State/Territories through the E/CAR AFS Network, France submits to Trinidad and Tobago, a letter with this allowance by 30 October 2014	To be updated at this meeting.	Valid
Decision E/CAR/NTG/5/1 ANTIGUA AND BARBUDA RADAR RESTORATION Activities	That Antigua and Barbuda reports no later than 30 November 2014, the activities and planning for the restoration of their radar system.	To be updated at this meeting.	Valid
Decision E/CAR/NTG/5/12 Surveillance Data sharing implementation Action Plan	That, to show the latest progress and next future action on surveillance matters, France, Trinidad and Tobago, United States, and ECCAA to develop an update for the surveillance data sharing action plan including the agreed milestones by: a) Drafting this update for the next Radar Data Sharing teleconference of January 2015; and b) Complete this update for its presentation for the E/CAR/DCA/26 Meeting	The surveillance data sharing action plan with the agreed milestones remains unchanged after review.	Valid
Decision E/CAR/NTG/5/13 E/CAR/NTG support to ICAO WRC-2015 position	That, in order to support the ICAO position for WRC-2015, the ECAR/NTG members: a) Contact their National Spectrum Manager Authorities for communicating the ICAO WRC-2015 position including the support on the C-Band protection for aviation; b) Coordinate with corresponding State WRC-2015 PoC, the State support to CITELE proposals in line with ICAO WRC-2015 position; and c) Report your progress on a) and b) in advance to the last 2 CITELE meetings.	States to report at this meeting.	Valid
Conclusion E/CAR/NTG/5/14 Inclusion of ADS-B implementation activities and renaming of Radar Data Sharing Group	That, in order to support the implementation of ADS-B, the Radar Data Sharing Group: a) Include the necessary tasks in their workprogramme for assisting the ADS-B implementation (trial conduction, etc.);	(a) The RD group is only interested in the final ADS-B product available from States. The CNS Committee is available to assist any State requiring assistance with trials. (b) To be updated at this meeting.	Valid

Conclusion/Decision	Description	Follow-up	Status
	b) Exchange the State ADS-B plans for regional coordination; c) Update the group name to Surveillance Data Sharing Group; and d) Update the Group's terms of reference and implementation plan as needed;	(c) This rename has been agreed. (d) To be updated at this meeting.	
Decision E/CAR/NTG/5/15 Update the E/CAR/NTG and RDS work programme and terms of reference aligning them to the RPBANIP and ASBU methodology	That, in order to align the E/CAR/NTG and RDS activities with the ICAO ASBU methodology, the ECAR/NTG and RDS updates by the E/CAR/DCA/26 Meeting, the E/CAR/NTG and RDS work programme and terms of reference aligning them to the RPBANIP and ASBU methodology	Proposal to form an ad hoc group to treat with this matter. Group to be formed at this meeting with results to be presented at E/CAR/DCA/26 meeting.	Valid

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