



ICAO

International Civil Aviation Organization
North American, Central American and Caribbean Office

WORKING PAPER

(E/CAR/NTG/7 & E/CAR/RD/5) — WP/04

Revised
06/10/16

**Seventh Eastern Caribbean Network Technical Group (E/CAR/NTG/7) and
Fifth Eastern Caribbean Radar Data Sharing Ad hoc Group (E/CAR/RD/5)**

St. Kitts and Nevis, 17 – 18 October 2016

- Agenda Item 2:** **Review of Valid Conclusions from E/CAR/NTG/06-RDS/04, E/CAR/CATG/02 and ECAR/DCA/26 Meetings related to the Work of the NTG and RDS**
2.3 Follow-up to the Air Navigation Implementation Working Group (ANI/WG) Conclusions

**REVIEW OF ACTIONS TO SUPPORT ANI/WG AND NACC/WG VALID CONCLUSIONS RELATED TO THE
E/CAR AERONAUTICAL FIXED SERVICE (AFS) NETWORK**

(Presented by the Secretariat)

EXECUTIVE SUMMARY	
This paper follow-up and review the E/CAR AFS Network/ Radar Data Sharing related conclusions from the ANI/WG/03 and NACC/WG/04 Meetings.	
Action:	Review the follow-up and take action as needed in support of the valid ANI/WG/3 and NACC/WG/4 Conclusions as presented in the Appendices A and B
<i>Strategic Objectives:</i>	<ul style="list-style-type: none">• Safety• Air Navigation Capacity and Efficiency
<i>References:</i>	<ul style="list-style-type: none">• Fourth North American, Central American and Caribbean Working Group Meeting (NACC/WG/4), Ottawa, Canada, 24 to 28 March 2014• Third NAM/CAR Air Navigation Implementation Working Group Meeting (ANI/WG/3), Mexico City, Mexico, 4 to 6 April 2016

APPENDIX
FOLLOW UP TO ECAR/NTG-RD RELATED CONCLUSIONS FROM ANI/WG/3 CONCLUSIONS/DECISIONS

Number	Conclusion/Decision	Follow-up	Status
C-3/1	<p>REGIONAL PERFORMANCE OF AIR NAVIGATION IMPLEMENTATION PROJECT</p> <p>That, bearing in mind that the deadline for Port-of-Spain Declaration targets finishes in December 2016, and the implementation of the NACC <i>No Country Left Behind (NCLB)</i> Strategy the ICAO NACC Regional Office to coordinate the development of a web application of the performance air navigation implementation system for the CAR Region in accordance with the new requirements of the CAR/SAM Electronic Air Navigation Plan (eANP) by 30 December 2016.</p>	The E/CAR/NTG-RD Group to review the status of the ANS corresponding targets (NACC Webpage)	Valid
C-3/6	<p>AMHS IMPLEMENTATION PROCESS IN THE CAR REGION</p> <p>That, to streamline the AMHS operational use, the CAR States/Territories</p> <p>a) update accordingly the CAR Region Implementation Matrix by December 2016;</p> <p>b) take advantage of the ATSN Data Link Implementation Application Workshop scheduled for 18 to -21 April 2016 in St Maarten to exchange information and progress on the implementation; and</p> <p>c) carry on the additional task of testing the transmission of XML data through AMHS system, coordinating these activities with the AMHS TF; informing the NACC/WG and GREPECAS Meetings</p>	E/CAR AFS Network to be considered for the testing the XML data transmission	Valid

APPENDIX B

VALID NACC/WG/4 CONCLUSIONS RELATED TO THE E/CAR/NTG-RD

No.	CONCLUSIONS	FOLLOW-UP BY E/CAR/NTG-RD	STATUS
<p>CONCLUSION NACC/WG 4/5 ACTIVE SUPPORT FROM STATES FOR ICAO ITU WRC-2015 POSITION</p>	<p>That NAM/CAR States/Territories, in order to ensure their active support for the ICAO WRC-15 position for the protection of the aeronautical frequency spectrum and satisfy future frequency spectrum aviation needs:</p> <p>a) include the main points addressed by the ICAO International Telecommunication Union (ITU) WRC-15 position for the protection of the C-band when used for aeronautical purposes and the ICAO WRC-15 position as a whole, including any amendments, when preparing national ITU WRC-15 proposals in coordination with the National Spectrum Management Authority;</p> <p>b) include representatives from civil aviation administrations and aviation experts from national delegations, to the extent possible, when participating in the ITU Radio and regional preparatory activities for WRC-15; and</p> <p>c) if not already done so, nominate their focal point for WRC-2015 to ICAO by December 2014.</p>	<p>done</p>	<p>Completed</p>
<p>CONCLUSION NACC/WG 4/6 REPORTING ON THE PROGRESS ACHIEVED IN THE IMPLEMENTATION OF THE AERONAUTICAL INFORMATION EXCHANGE MODEL (AIXM)</p>	<p>That NAM/CAR States and international organizations:</p> <p>a) adopt the AIXM 5.1 information exchange model; and</p> <p>b) report on the progress achieved with application of the conceptual model and aeronautical information exchange to the ICAO NACC Regional Office by 31 December 2014.</p>	<p>To review communication requirements for this implementation from AIM Committee</p> <p>If done, as follow up to this conclusion from NTG: E/CAR Network is ready to implement</p>	<p>Valid</p>

No.	CONCLUSIONS	FOLLOW-UP BY E/CAR/NTG-RD	STATUS
CONCLUSION NACC/WG 4/7 AIM ACTION PLANS FOR THE AIS TO AIM TRANSITION	<p>That CAR States that have not yet done so:</p> <p>a) develop/update and execute the Action Plans for the transition from AIS to AIM taking into consideration the latest AIM developments, and the AIM TF work until AIM is completed according the AIM RPO of the RPBANIP; and</p> <p>b) inform the ICAO NACC Regional Office of all the AIM progress to be presented at the upcoming GREPECAS/17 Meeting.</p>	<p>To review communication requirements for this implementation from AIM Committee</p> <p>If done, as follow up to this conclusion from NTG: E/CAR Network is ready to implement</p>	Valid
CONCLUSION NACC/WG 4/10 ADS-B OUT IMPLEMENTATION IN THE NAM/CAR REGIONS	<p>That all States/Territories in the NAM/CAR Regions adopt/include the ADS-B implementation date of 31 December 2018 in their implementation plans to finalize operational implementation of ADS-B OUT.</p>	<p>Actions have been taken by the E/CAR States and E/CAR Groups toward this regional milestone of Dec 2018</p> <p>Check on network capability for ADS-B Data Sharing</p>	Valid
CONCLUSION NACC/WG 4/12 APPROVAL OF IPV4 ADDRESSING SCHEME, VER 1.0	<p>That, in order to expedite and facilitate the implementation of the IPv4 ATN in the CAR Region, States/Territories of the CAR Region:</p> <p>a) approve the revised version of the CAR IPv4 addressing scheme, version 1.0;</p> <p>b) implement their Aeronautical Telecommunication Networks (ATNs) in accordance with the IPv4 addressing scheme ver. 1.0, where applicable; and</p> <p>c) report use/planned use to the ICAO NACC Regional Office no later than December 2015.</p>	<p>To be implemented in the E/CAR AFS Network: New version was updated as V 1.1</p> <p>This addressing scheme is being use for AMHS interconnections</p> <p>ECAR Network has implemented conclusion.</p>	valid

No.	CONCLUSIONS	FOLLOW-UP BY E/CAR/NTG-RD	STATUS
CONCLUSION NACC/WG 4/15 AIR NAVIGATION REPORTING/ MONITORING IN THE NAM/CAR REGIONS	<p>That no later than December 2014, for the harmonized and efficient collection of data for reporting and monitoring air navigation implementation progress and achieved performance/benefits, NAM/CAR States/Territories:</p> <ul style="list-style-type: none"> a) invite all air navigation stakeholders to participate in the data collection and reporting process; b) use the RPBANIP Air Navigation Report Forms (ANRFs) to the extent possible to report their national, sub-regional and regional implementation and performance progress; and c) periodically report to the ICAO NACC Regional Office on the air navigation implementation status. 	<p>A new revised ANRF was proposed from the ANI/WG/02 and a review of the existing metrics was made to improve its understanding and application.</p> <p>To be review by E/CARNTG-RD</p>	<p>Valid</p>

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