

**INTERNATIONAL CIVIL AVIATION ORGANIZATION
NORTH AMERICAN, CENTRAL AMERICAN AND CARIBBEAN OFFICE**

**TWENTY-SIXTH EASTERN CARIBBEAN INFORMAL WORKING GROUP MEETING
(26TH E/CAR IWG)**

(Barbados, 3 to 7 June 2002)

Agenda Item 9: Review of Conclusions of Previous Meetings

(Working Paper presented by the Secretariat)

SUMMARY	
This working paper reviews and establishes the status of the conclusions of previous E/CAR IWG Meetings.	
REFERENCES	
•	Report of the 25 th E/CAR IWG Meeting (Grenada, 7 to 11 May 2001)
•	Report of the 17 th E/CAR DCA Meeting (Port of Spain, Trinidad and Tobago, 4 - 7 December 2001)

1. Introduction

1.1 The outstanding conclusions of the E/CAR IWG Meetings up to and including the 24th Meeting, and their status as discussed at the 25th E/CAR IWG Meeting held in Grenada from 7 to 11 May 2001, are included in **Appendix A** to this paper. The conclusions and decisions of the 25th E/CAR IWG Meeting, and their status as discussed at the 17th E/CAR DCA Meeting held in Port of Spain, Trinidad and Tobago from 4 to 7 December 2001, are also included in Appendix A to this paper.

2. Suggested Actions for the Meeting

2.1 The meeting is invited to review the content of this working paper and report and record the updated status of outstanding conclusions of previous E/CAR IWG Meetings.

APPENDIX A

RESULTS OF THE REVIEW OF OUTSTANDING CONCLUSIONS OF MEETINGS UP TO AND INCLUDING THE 25TH E/CAR IWG MEETING

CONCLUSIONS / DECISIONS	ACTION BY:	COMMENTS	STATUS
Conclusion 20/2 Contingency Procedures That, a) the contingency plan document be amended to the format of an operations manual as described in the ATS Committee Report paragraph 2.3; b) States should finalize the bilateral contingency plan LOAs between TMAs and CTRs within Piarco FIR as a matter of urgency, and forward them to Trinidad and Tobago; c) these bilateral plans should be tested as soon as possible; and d) States should ensure the provision of appropriate training and familiarization, along with relevant plans and checklists, to all controllers.	E/CAR States and Territories	The ATS Committee is working on this subject in accordance with its Work Programme and expects completion by June 2002.	Ongoing, partially superseded by Decision 24/5
Conclusion 20/3 Contingency Planning That, a) the Working Group continue to pursue the inclusion of the States of Venezuela, Suriname and Guyana as originally agreed in the plan; b) France communicate with Barbados relative to finalizing discussions on a bilateral Contingency Agreement between Martinique and Barbados; and c) an attempt to finalize all bilateral contingency plans before April 1997 should be made.	E/CAR States and Territories	The ATS Committee is working on this subject in accordance with its Work Programme and expects completion by June 2002.	Ongoing, partially superseded by Decision 24/5

CONCLUSIONS / DECISIONS	ACTION BY:	COMMENTS	STATUS
Conclusion 20/7 Approach Services That, The E/CAR IWG recommends to the E/CAR DCAs that air traffic services for the proposed St. Vincent and Grenada TMAs be provided from the respective control towers.	Saint Vincent, Grenada and OECS	The ATS Committee is working on this subject in accordance with its Work Programme. TMAs are expected to be established for 2002.	Ongoing
Conclusion 20/14 Improvements to AFTN Circuits That, Trinidad and Tobago hold bilateral meetings with the USA and Venezuela with the aim of agreeing to the details of implementation of the AFTN circuits, Port of Spain – USA and Caracas – Port of Spain, utilizing 2400 bps or higher, and X.25.	Trinidad & Tobago, Venezuela and USA	Caracas – Port of Spain outstanding.	Ongoing, partially completed
Conclusion 22/8 Operational Problems in the vicinity of the Saint Lucia CTR That, The administrations of Trinidad and Tobago, France, Saint Lucia, Saint Vincent and Barbados should study the current ATS coordination procedures in place between these ATS units and take the necessary measures to resolve any possible ATS coordination problem that exist in the vicinity of Saint Lucia CTR; and update these procedures accordingly.	Trinidad and Tobago, France, Saint Lucia, Saint Vincent and Barbados	The ATS Committee is working on this subject in accordance with its Work Programme.	On going
Conclusion 22/10 ATS Route R888 management between MODUX and GORET That, a) Antigua, France and the United States make the necessary coordination arrangements to initiate an experimental phase that delegates to Pointe-a- Pitre APP the responsibility of ATC up to FL195 on the route R888 between MODUX and GORET and consequently to make the coordination directly with San Juan ACC to minimize the ATC coordination; and b) San Juan ACC is requested to accept 10 minutes longitudinal separation between aircraft coming from Guadeloupe below FL 195 (same speed).	Antigua, France and United States	Part a) United States reported to be waiting for boundary information between St. Kitts and Antigua from OECS. OECS reported to be coordinating with France in this regard. Part b) United States will verify with San Juan ACC the possibility to accept the use of 10 minutes longitudinal separation below FL195.	On going

CONCLUSIONS / DECISIONS	ACTION BY:	COMMENTS	STATUS
Conclusion 22/11 AICs for GNSS Navigation in the E/CAR area That, The AICs on GNSS navigation, Supplemental Means and Primary means approved in principle by the Conclusion 14/7 b) of the 14th E/CAR DCA Meeting, are approved by the ECWG for its transmission to the DCAS. These AICs are included as Appendix A to the Agenda item 4 of this Report.	E/CAR States and Territories	France has not published the AIC.	Ongoing, partially completed.
Conclusion 22/12 Training needs of Eastern Caribbean area That, ICAO should expand the study of the needs in respect to training to all States in the Eastern Caribbean Area, with the aim of developing a technical co-operation programme to satisfy those needs in the different air navigation fields.	ICAO	The Secretariat reported that since all efforts made to obtain the necessary support from the UNDP had failed, the ICAO NACC Regional Office is looking for other sources in order to carry out this activity continuously requested by the E/CAR IWG.	On going
Conclusion 23/1 GNSS Routes Navigation in the Eastern Caribbean That, a) taking into account the new route proposals received from American Eagle, IATA be requested to provide the ATS Committee Coordinator with further information from American Eagle and other carriers, regarding their intentions as related to GNSS Route Navigation in the E/CAR not later than August 13th 1999; and b) Recommendations 4/1, 4/2, 4/3, and 4/4 as indicated in the Report of the ATS Committee be kept pending, until the aforementioned Routes information requested from IATA is received and analysed by the ATS Committee during its next meeting.	ATS Committee and IATA	The ATS Committee is working on this subject in accordance with its Work Programme.	On going
Conclusion 23/2 GPS Trial Initiatives That the Australian Guide to GPS Implementation Procedures be modified by the GNSS Study Group to Develop Technical and Training Aspects and submitted for review to the next E/CAR IWG Meeting. The document should include any additional information which would assist in linking the en-route Phase, to the Instrument Approach Phase of GNSS operations.	GNSS Study Group	The ATS Committee is working on this subject in accordance with its Work Programme. Also, the GNSS Study Group with Barbados as Rapporteur has been dormant for 3 years and will be revitalised.	On going
Conclusion 23/3 Minimum en-route Altitudes That, Trinidad and Tobago be urged to recalculate minimum en-route altitudes in all the Piarco FIR, with a view to publishing the information in an AIC by October 1999, and in the restructured AIP- Eastern Caribbean that is due to be published in January 2000.	Trinidad and Tobago and E/CAR States and Territories	France indicated that the information for Guadeloupe and Martinique was published. The ATS Committee should complete this task.	On going

CONCLUSIONS / DECISIONS	ACTION BY:	COMMENTS	STATUS
Conclusion 23/4 Management of the airspace over the Grenadines That, until Grenada and Saint Vincent airspace are re-configured, appropriate amendments need to be made to the LOAs, of Grenada, Saint Vincent and Piarco to establish procedures and to define and delegate responsibilities to the ATSUs of Saint Vincent and Grenada.	Grenada, Saint Vincent and Trinidad and Tobago	Grenada informed the Meeting that the process had not been completed.	On going
Conclusion 23/20 The Need for an Agreement between the Eastern Caribbean States and the US for the Management, Operation, and Maintenance of the E/CAR Network That the East Caribbean States granted the authority to IACL, to act on behalf of the Eastern Caribbean States, to negotiate and enter into a binding agreement with the US regarding operation of the E/CAR Digital Network.	IACL and USA		On going
Conclusion 24/1 CAR/SAM/3 RAN Meeting Results That States, Territories and International Organisations of the Eastern Caribbean should adopt the corresponding actions in order to: a) implement the relevant conclusions and recommendations of the CAR/SAM/3 RAN Meeting; b) review the corresponding parts of the approved Basic ANP and FASID and with a view to keeping them updated, present to the ICAO Regional Office the necessary proposals for amendments, additions and deletions, duly documented; and c) implement, so as to comply with the international requirements established in the CAR/SAM Regions Basic ANP and FASID, the necessary measures, improving the efficiency and safety of air navigation in the Eastern Caribbean area.	E/CAR States and Territories		On-going
Conclusion 24/2 Establishment of ATS Incident Investigation Committees/Teams and tracking process in States/Territories of the Eastern Caribbean That States and Territories in the Eastern Caribbean, a) establish ATS Incident Investigation Committees/Teams as soon as possible to deal with the problem of ATS incidents in an effort to investigate the cause, make recommendations to prevent the incident from reoccurring and conduct a trend analysis; b) establish an annual ATS incidents tracking process; and c) implement the above no later than 1 January 2001 and advise the ICAO NACC Regional Office when said committee and tracking process are established.	E/CAR States and Territories	The ATS Committee is working on this subject in accordance with its Work Programme but still requires information from some States.	On-going

CONCLUSIONS / DECISIONS	ACTION BY:	COMMENTS	STATUS
Conclusion 24/4 CAR Region Contingency Plan That, a) the ICAO NACC Regional Office take advantage of the work done on Y2K Contingency Planning and apply it to a CAR Region Contingency Plan that might be used in any situation arising in the region and affecting the provision of air traffic services and other related services; b) the ICAO NACC Regional Office retain the membership of the Y2K Contingency Planning Task Force, making the necessary adjustments to its name, terms of reference and work programme in order to fulfil the project mentioned in a) above; and c) the members of each State and International Organizations be informed of the results.	ICAO NACC Regional Office	An informal NAM/CAR Meeting on ATS Contingency has been planned for September 2002 to accomplish this task.	On-going
Conclusion 24/5 Eastern Caribbean Contingency Procedures That the ATS Committee should convene a meeting as soon as possible and not later than August 2000 to address the following contingency matters: a) Examine the Eastern Caribbean Contingency Procedures approved by the Sixteenth Eastern Caribbean Informal Working Group Meeting (San Juan, Puerto Rico, November 1992) and proposed changes submitted in this meeting by Trinidad and Tobago (Appendix to this Agenda Item refers) with the aim to updating the Contingency Plan for the Eastern Caribbean; b) Develop AFS Contingency Procedures in close co-ordination with IACL, that should be included in the Contingency Plan for the Eastern Caribbean mentioned in a) above; and c) Trinidad and Tobago, on behalf of the Eastern Caribbean Informal Working Group submit the updated Eastern Caribbean Contingency Procedures to the 16 th Meeting of Directors of Civil Aviation of the Eastern Caribbean (December 2000) for endorsement and present the results to the 25 th Informal E/CAR Working Group Meeting.	E/CAR IWG, Trinidad and Tobago	The ATS Committee is working on this subject in accordance with its Work Programme and expects completion by June 2002. a) On-going b) On-going c) Completed	On-going/ Partially Completed
Conclusion 24/6 Use of 10-minute longitudinal separation minimum and/or 80 NM RNAV applying the Mach Number Technique in the Eastern Caribbean That, a) Trinidad and Tobago (Piarco FIR) and United States (San Juan FIR) take the necessary measures to implement as soon as possible the 10-minute longitudinal separation minimum and/or 80 NM RNAV for those aircraft possessing this capability applying the Mach number technique; and b) this implementation be carried out during 2000 to achieve the completion of this longitudinal separation reduction no later than July 1 st of 2001, either through bilateral contacts and/or through co-ordination with the ICAO NACC Regional Office.	Trinidad and Tobago and United States	Trinidad & Tobago reported to be in discussion with United States to update the letter of agreement.	On-going

CONCLUSIONS / DECISIONS	ACTION BY:	COMMENTS	STATUS
Conclusion 24/8 Airline Scheduling and ATM Capacity That, a) States examine airport demand/capacity management issues at a national level and, through consultations with users, develop airport operational measures, flight schedule co-ordination and/or programmes for improvements of airport infrastructure, as appropriate, to alleviate the impact of any airport congestion; and b) these issues be discussed and addressed by the 16 th E/CAR DCAs Meeting.	E/CAR States and Territories	Part b) completed. Barbados reported to have completed part a). OECS reported part a) still outstanding.	On-going, partially complete
Decision 24/12 Establishment of an E/CAR AFS Technical Committee That, a) An E/CAR AFS Technical Committee be established to assist IACL in meeting its customers needs in relation to the new E/CAR Digital Network; b) This Committee will be composed of members nominated by: Barbados, France, Trinidad and Tobago, United States, OECS and IACL (Rapporteur); c) The Terms of Reference and Work Programme should initially be those set out in Attachment 1 to WP/35 (Appendix to this Agenda Item refers); d) This Committee meet by September 2000 and in its first meeting it should review and prepare adequate Terms of Reference and Work Programme mentioned in c) above; and e) This Committee report its results to the Eastern Caribbean Informal Working Group.	E/CAR IWG and IACL	IACL Rapporteur reported work had progressed.	On-going
Conclusion 24/13 Planning and Implementation for the Sharing of Radar Data in the Eastern Caribbean Noting that benefits could be obtained through bilateral and multilateral arrangements in order to continue developing and implementation of radar data sharing between ATC units with the aim to improving the efficiency of ATC services and the safety of air navigation in the Eastern Caribbean, the E/CAR IWG determined that; a) The operational and technical studies carried out for the sharing of radar data in the Eastern Caribbean should be informed by France, on behalf of the Eastern Caribbean Informal Working Group, to GREPECAS for regional reference; and b) IACL should provide support to the activities of the Eastern Caribbean Radar Data Sharing Task Force.	France and IACL	This matter was dealt under Agenda Item 4	On-going
Decision 24/14 Eastern Caribbean Radar Data Sharing Task Force That, the Radar Data Sharing Task Force should: a) revitalize its activities with the aim to expediting the studies that need to be conducted by the task force; b) convene its Second Meeting in Trinidad and Tobago in June 2000 as advised; c) ensure that the legal aspects of the sharing of radar data are fully covered; and d) present a report of its activities to the 25 th Informal E/CAR Working Group Meeting.	E/CAR IWG and France	France reported the second meeting will convene by 30 September 2001.	On-going

CONCLUSIONS / DECISIONS	ACTION BY:	COMMENTS	STATUS
Conclusion 24/15 Data Communications between ATC units in the Eastern Caribbean The E/CAR Informal Working Group, recognizing the need for future data communication between the ATC units in the E/CAR region, recommended that States and Territories, a) use the Eurocontrol OLDI document used for online data interchange between units providing ATC Services, submitted by France, as a reference document; and b) wait for the SARPS or guidance material that either ICAO or GREPECAS should develop for the protocol that needs to be adopted for AIDC communications in the Eastern Caribbean.	E/CAR States and Territories	This matter will be developed by the CNS Committee of ATM/CNS Subgroup of GREPECAS.	On-going
Conclusion 24/16 San Juan AIFSS / E/CAR Communication Circuits That, the E/CAR Informal Working Group, noting the proposal of United States to establish new ATS Speech Circuits between San Juan AIFSS and the ATC units of Montserrat, Dominica, Saint Lucia and Grenada, agreed that the establishment of these ATS Speech Circuits through the E/CAR Digital Network should be discussed bilaterally between United States and the affected States.	E/CAR States and United States		On-going
Conclusion 24/17 San Juan CERAP/Piarco ACC Connectivity The proposal to establish an alternate route for the ATS Speech Circuit between San Juan CERAP/Piarco ACC submitted by United States was reviewed by the Informal E/CAR Working Group and although it was considered desirable, it was agreed to defer its study for a future date, to be reviewed at the 25 th E/CAR IWG Meeting.	Trinidad & Tobago and United States		On-going
Conclusion 24/18 Danger Area TF D3 That, a) France and Trinidad and Tobago should co-ordinate an agreeable date for the publication of the Danger Area TF D3 as described in the Appendix to this Agenda Item in their respective AIPs; and b) suitable co-ordination procedures to activate/deactivate this Danger Area (TF D3) be included in their corresponding Letter of Agreement (LOA).	France and Trinidad and Tobago	France reported that pending an agreement with the military, this should be published soon.	On-going

CONCLUSIONS / DECISIONS	ACTION BY:	COMMENTS	STATUS
Conclusion 24/22 Development of an Airports Information Database That: a) States and Territories, in relation to their international airports, submit to the ICAO NACC Regional Office by the end of September 2000 relevant airport personnel, traffic and development information on the reporting forms provided in the Appendix to this Agenda Item, and thereafter submit any subsequent updates to this information as appropriate; b) The ICAO NACC Regional Office compile the information submitted and distribute this to the States and Territories in the E/CAR Region by the end of November 2000, and at regular intervals thereafter, as necessary; and c) States and Territories consider whether the database should be expanded to include additional information and present such proposals at the 25 th E/CAR Informal Working Group Meeting or the next Aerodromes (AGA/AOP) Informal Meeting for States and Territories in the CAR Region, whichever more appropriate.	E/CAR States and Territories and the ICAO NACC Regional Office	The ICAO NACC Office and AGA/AOP/SG are following-up initial version presented at the AGA/AOP/SG/1 Meeting.	Superseded
Conclusion 24/25 Implementation of Outstanding AIS Activities That, a) E/CAR States and Territories should, as a matter of urgency, review their AIS needs and specifically identify their requirements, and note the offer by IACL to assist in meeting these requirements; b) E/CAR States and Territories review their respective AIS Letters of Agreement with PIARCO NOF and provide any changes not later than 30 June 2000; c) Anguilla, Barbados and British Virgin Islands take the necessary action to sign LOAs with PIARCO NOF by 30 June 2000; and d) Trinidad and Tobago implement a database on WGS-84 for E/CAR States by 30 September 2000.	E/CAR States and Territories, IACL and Trinidad and Tobago	Parts a) and b) completed, part c) ongoing and part d) superseded by Conclusion 25/20.	On-going, partially complete and partially superseded.
Conclusion 24/27 Trials and Demonstrations of RNAV (GNSS/GPS) Routes in the Eastern Caribbean That, a) it is recommended that the current GNSS/GPS trials continue to take place in the E/CAR in close coordination amongst users and ATS Service Providers; b) appropriate GPS training and briefing for ATS staff should be provided by users and States and Territories; c) at the appropriate time, when the ATS Committee and the E/CAR IWG agree on the RNAV route structure for the Eastern Caribbean, the States and Territories of the E/CAR should publish them in the corresponding AIP; and d) Trinidad and Tobago, on behalf of the E/CAR States and Territories, co-ordinate with the ICAO NACC Regional Office the possible inclusion of these RNAV routes in the CAR/SAM Air Navigation Plan.	E/CAR States and Territories, Trinidad and Tobago and E/CAR IWG	The ATS Committee is working on this subject in accordance with its Work Programme	On-going

CONCLUSIONS / DECISIONS	ACTION BY:	COMMENTS	STATUS
Conclusion 24/31 WAAS and LAAS That, IACL should continue providing information, technical guidance and suggestions in reference to WAAS and LAAS programmes to the E/CAR Informal Working Group meetings.	IACL		On-going
Conclusion 25/1 GPS Routes and Trials That the ATS Committee, a) notwithstanding the lack of response by IATA/American Eagle, continue to work towards establishing the best GNSS (RNAV) route structure within the E/CAR; b) continue to address the criteria for GNSS (RNAV) routes within the E/CAR and review these in its next meeting; c) continue to coordinate with IATA with respect to their request for medium and long haul RNAV routes that will impact both San Juan and New York FIRs and new trajectories being considered; and d) continue work with respect to ATS training in GNSS concepts and upgrade of the GNSS text for the AIP.	ATS Committee	The ATS Committee is working on this matter. The Meeting held in Port of Spain from 1 to 3 October 2001, initiated the review and will report to the 26 th E/CAR IWG Meeting (May 2002)	On-going
Conclusion 25/2 ATS Incidents That States and Territories, a) implement ATS Incidents Investigation Committees and advise the ICAO NACC Regional Office accordingly; b) prepare a record of incidents using the Incident Report format submitted by the ATS Committee, shown in Appendix B to this Agenda Item and submit these to the Chairman of the ATS Committee for its presentation in a Working Paper to the next E/CAR Informal Working Group Meeting.	States and Territories	Little progress has been noted in the implementation of this Conclusion. ICAO sent a State Letter in November 2001 encouraging States to comply with it.	On-going
Decision 25/3 Contingency Planning That, the ATS Committee, based on the experience gained from the Table Top exercise conducted during the 25 th E/CAR IWG meeting, plan to conduct a real-time Contingency Table Top exercise including simulated failures at each TMA and PIARCO ACC.	ATS Committee	The ATS Committee is working on this matter. The next meeting to be held in March 2002 will continue this work and the Contingency Plan will be submitted to the 26 th E/CAR IWG Meeting (May 2002)	On-going
Decision 25/4 Airspace Procedures That, the ATS Committee urgently review the impact that the GNSS approaches implemented and to be implemented in the Eastern Caribbean have on the airspace configuration and recommend appropriate mitigation measures.	ATS Committee	The ATS Committee is working on this matter.	On-going

CONCLUSIONS / DECISIONS	ACTION BY:	COMMENTS	STATUS
Conclusion 25/5 ATM Capacity and ATFM That States and Territories provide, a) suitable training for ATS personnel analysing ATM Capacity in the Eastern Caribbean; and b) three (3) main peak traffic hours per month to the ATS Committee Coordinator to analyse the airspace utilization.	States	GREPECAS AGA/AOP/SG is studying airport demand-capacity issues for the CAR/SAM Regions. The ICAO ATS QA Manual provides guidance. US will provide training information to the 26 th E/CAR IWG Meeting in May 2002.	On-going
Conclusion 25/6 NAM/CAR/SAM ATS Quality Assurance Workshop That, Trinidad and Tobago CAA co-sponsor the NAM/CAR/SAM ATS Quality Assurance Workshop (English) to be held from 26 to 30 November 2001 for the benefit of the Eastern Caribbean States/Territories and inform the ICAO NACC Regional Office as soon as possible of their acceptance to enable the Workshop arrangements to commence.	Trinidad and Tobago	ICAO ATS QA workshop in English was held in Trinidad and Tobago.	Completed
Conclusion 25/7 ATS Route Paramaribo-Bridgetown That, a) the establishment of a new ATS route between Paramaribo-Bridgetown is not supported for the time being due to insufficient statistical information and planned traffic (3 flights per week); b) Trinidad and Tobago undertake an evaluation to determine if the establishment of this new route affects the lateral separation in routes UA632 and UA555 and communicate the results to Suriname through the ICAO NACC Regional Office; c) flights can expect to have requests for direct routing granted to facilitate operations between the two city pairs approved by Piarco ACC, subject to traffic considerations; and d) this subject can be reviewed in the 26th E/CAR IWG Meeting, if considered necessary.	Barbados, Trinidad and Tobago and Suriname	Trinidad and Tobago to provide status update report to the 26 th E/CAR IWG Meeting in May 2002	On-going
Conclusion 25/8 Change of the upper limit of V.C.Bird, Pointe-à-Pitre, Fort de France and Adams TMAs from FL195 to FL 245 That, a) the upper limit of V.C.Bird, Pointe-à-Pitre, Fort de France and Adams TMAs be raised from FL 195 to FL 245 on the appropriate AIRAC date in July 2002; and b) the E/CAR ATS Committee develop in its next meeting an implementation plan to change the upper limits of the four TMAs within the Piarco FIR and recommend the required measures to implement the changes by the agreed date mentioned in a) above.	States and ATS Committee	This matter was dealt with under Agenda Item 5 (WP/9) and a Conclusion was adopted.	On-going

CONCLUSIONS / DECISIONS	ACTION BY:	COMMENTS	STATUS
Conclusion 25/9 CNS Shortcomings and Deficiencies That, a) the current items contained in the Reporting Form on Air Navigation Shortcomings and Deficiencies in the CNS fields be reviewed and updated by States/Territories by 1 June 2001; b) States and Territories carry out a comprehensive review of the sub-region's CNS shortcomings and deficiencies, with a special emphasis on navigation and surveillance, and update the Reporting Form on Air Navigation Shortcomings and Deficiencies in the CNS fields by 30 September 2001; and c) the results of the actions indicated in a) and b) above be provided to the ICAO NACC Regional Office by 30 October 2001.	States	E/CAR Conclusion 16/14 refers.	On-going
Conclusion 25/10 HF Communications in the Piarco FIR That Trinidad and Tobago notify the ICAO NACC Regional Office by 4 June 2001 the dates of completion of the corrective actions required to solve the HF Communications deficiencies in the Piarco FIR.	Trinidad and Tobago	Trinidad and Tobago informed the meeting the deadline for completion of corrections is 1 st July 2002.	On-going
Conclusion 25/11 Implementation Status of the E/CAR Digital Network That, a) the affected ATS providers report service outages and other performance problems to TSTT and/or the appropriate local telecommunication maintenance entity using pre-existing escalation procedures while these reporting requirements do not adversely impact controller workloads; b) the affected ATS providers provide monthly summaries of reported service outages and other performance problems to IACL; c) IACL provide on a monthly basis to the E/CAR States and Territories a detailed report analysing the E/CAR digital network's system wide and recurring performance problems including updated information on corrective measures taken to address these problems; and d) IACL investigate alternative solutions to meet the E/CAR AFS requirements and present the findings of this investigation to the next E/CAR DCAs meeting.	States States IACL IACL	This matter was dealt with under Agenda Item 4.	On-going
Conclusion 25/12 Review of the VHF air-ground voice communications coverage in the Eastern Caribbean That Eastern Caribbean States/Territories/Organizations, a) send to the ICAO Regional Office information on their respective VHF air-ground voice communications stations using the form shown in Appendix B by 10 July 2001; and b) that have them available, also provide calculated theoretical graphic coverage and /or in flight inspection measures.	States	ICAO to follow-up States which have not submitted the required information.	On-going

CONCLUSIONS / DECISIONS	ACTION BY:	COMMENTS	STATUS
Decision 25/13 Guidance for the Work of the E/CAR Informal Working Group regarding the VHF air-ground voice communications coverage That the E/CAR Informal Working Group, a) based on the information supplied by States/Territories/Organizations of the Eastern Caribbean, and in accordance with the specifications of Annex 10, Volume III, Part II, Chapter II, on the required field intensity levels, should calculate such coverages for its terminal areas considering the minimum in-flight levels to be 4,000 ft and the maximum 12,000 ft and for control areas the minimum of 7,600 m (25,000 ft) and the maximum of the 13,700 m (45,000 ft) flight level; and b) if range gaps are detected, propose corrective measures.	E/CAR IWG	This matter was dealt with under Agenda Item 4.	On-going
Conclusion 25/14 Transition Plan from AFTN to AMHS in the Eastern Caribbean That the E/CAR States/Territories: a) commence the development of an implementation Plan for the transition from AFTN to AMHS in the Eastern Caribbean, studying the impact of the AMHS on the E/CAR Digital Network, b) review and improve the AMHS requirements included in the CNS 1B part of the CAR/SAM FASID table and formulate the relevant proposals for amendments.	States	This matter was dealt with under Agenda Item 4.	On-going
Conclusion 25/15 Actions to implement the use of GNSS in the Eastern Caribbean That States/Territories/International Organizations of the Eastern Caribbean and neighbouring areas: a) develop or update and publish an AIC on their legislation/regulations authorizing the use of GNSS in their corresponding airspace for operations in its terminal and en route areas as the sole/primary/supplementary navigation means, and also specifying equipment, certification and training requirements; b) update the resulting information of a) above in the Table shown in Appendix C to this part of the report for presentation at the next 17 th E/CAR DCA Meeting; c) consider the results of the CAR/SAM/3 RAN Meeting, the conclusions and recommendations of GREPECAS and the GNSS SARPS as well as any other guidance material in order to review the implementation plans of the GBAS and SBAS augmentation systems that are related to the Eastern Caribbean; d) that have already established the operational use of the GNSS, exchange information of the operational experiences in their airspace with other States/Territories/International Organizations of the Eastern Caribbean and its adjacent areas; and e) participate in the ICAO CAR/SAM Project RLA/00/009 – <i>Regional GNSS Augmentation Test</i> .	States	This matter was dealt with under Agenda Item 4.	On-going

CONCLUSIONS / DECISIONS	ACTION BY:	COMMENTS	STATUS
Decision 25/16 Radar Data Sharing Task Force That , a) the Radar Data Sharing Task Force continue its work according to the commitments made in this 25 th E/CAR IWG meeting and convene a meeting by 31 December 2001; and b) the results of the work of the Radar Data Sharing Task Force be submitted to the 26 th E/CAR IWG Meeting in May 2002.	Radar Data Sharing Task Force	The Radar Data Sharing Task Force informed the Meeting on the status of its work which is delayed but will provide a status update report to the 26 th E/CAR IWG Meeting in May 2002.	On-going
Conclusion 25/17 CNS/ATM Planning in the E/CAR area That, a) States/Territories of the Eastern Caribbean ensure their CNS/ATM National Plans consider implementation of CNS/ATM elements in harmony with the E/CAR CNS/ATM Transition Plan; and b) IACL update the E/CAR CNS/ATM Transition Plan and submit it to the First GREPECAS ATM/CNS Subgroup meeting (July 2001).	States IACL	This matter was dealt with under Agenda Item 5 (IP/5).	On-going
Conclusion 25/18 GNSS Training Programme for the Eastern Caribbean Region That, a) the training institutes of Barbados and Trinidad and Tobago provide GNSS training to ATS personnel in the Eastern Caribbean as requested by Conclusion 23/22 of the E/CAR IWG; b) the training institutes mentioned in a) above should notify to all Eastern Caribbean States/Territories as soon as possible the dates when these courses will be held at each institute and the availability of slots to enable the interested authorities to apply to attend the courses; and c) any interested State/Territory can request Barbados to organise training on site by making the corresponding agreements to carry out the course.	Barbados and Trinidad and Tobago States	Barbados had submitted a training programme to OECS who recommended the participation of Trinidad and Tobago. IACL offered to provide a one-day training course for ATS personnel. States will consider and advise acceptance and preferred timing.	On-going

CONCLUSIONS / DECISIONS	ACTION BY:	COMMENTS	STATUS
Conclusion 25/19 Implementation of the requirements resulting from the CAR/SAM/3 RAN Meeting and the revised CAR/SAM ANP in the AOP field That States, Territories and their Airport Administrations, in relation to their international aerodromes, a) ensure complete knowledge of the conclusions and recommendations of the CAR/SAM/3 RAN Meeting and the requirements of the revised CAR/SAM ANP in the AOP field; b) review the current status, and ensure the continued implementation, of the relevant conclusions, recommendations and requirements in a) above; and c) Prepare to provide a report on the status of implementation of the relevant conclusions, recommendations and requirements in a) above at the AGA/AOP/SG/1 Meeting to be held in Bahamas from 12 to 15 June 2001.	States	AGA/AOP/SG/1 Meeting was held and dealt with this matter	Superseded
Conclusion 25/20 WGS-84 System Implementation in the E/CAR Region That States/Territories: a) establish Technical Cooperation Agreements to complete the WGS-84 System Implementation and coordinate the determination of common points of the adjacent FIRs in the WGS-84 System for publication; and b) establish all the required WGS-84 coordinates and publish these in the corresponding new-format AIP by May 2002, to enable its effective application by users and to complete the establishment of the WGS-84 System.	States	Conclusion modified with new deadline date based on AIRAC cycle.	First part on-going Second part completed
Decision 25/21 AIP Deficiencies That the AIS Committee, by the end of 2001, review the new E/CAR AIP, address any deficiencies, update the AIP and co-ordinate an AIP workshop if necessary.	AIS Committee	AIS Committee to meet in time to report to the 26 th E/CAR IWG Meeting May 2002. States to continuously provide updates to AIP custodians. AIP custodians to update AIPs as required. E/CAR AIP Amendment planned for March 2002. This matter was also dealt with under Agenda Item 5 (IP/17).	Completed
Conclusion 25/22 AIS Training That Groups of States/Territories provide for the necessary training in cartography for instrument approach procedures chart preparation to appropriate personnel responsible for producing AIPs.	States	Conclusion modified by DCAs to clarify requirement.	On-going

CONCLUSIONS / DECISIONS	ACTION BY:	COMMENTS	STATUS
Conclusion 25/23 MET Representation at E/CAR IWG Meetings That ICAO invites the Regional Coordinator for MET Services in the Eastern Caribbean Region to future E/CAR IWG Meetings when MET issues are included in the Meeting Agenda.	ICAO	ICAO will invite the Regional Coordinator for MET Services in the E/CAR Region to future E/CAR IWG Meetings when MET issues are included in the Agenda.	
Conclusion 25/24 ATS Coordination Problems Antigua – Guadeloupe That, a) Antigua and Barbuda, France, Trinidad and Tobago and OECS discuss any ATS Coordination Problems which arise in their airspace and implement the necessary procedures to prevent the reoccurrence of ATS incidents; and b) other States/Territories of the Eastern Caribbean implement appropriate procedures to improve the ATS Coordination among adjacent ATC units to prevent the occurrence of ATS Incidents.	Antigua, France, Trinidad and Tobago and OECS and other States	This matter was dealt with by the States involved.	On-going
