

**Agenda Item 3:           Review of AIS matters**

3.1           The meeting reviewed the status of implementation of the conclusions formulated by the ECAR/SAMNE ICG/1 meeting. In this respect, it was noted that the aforementioned meeting formulated four conclusions related to AIS matters. Conclusion 1/1 (*Survey of WGS 84 geographic co-ordinates*), conclusion 1/2 (*Uniform publication of WGS 84 geographic co-ordinates of FIR boundaries*), conclusion 1/3 (*Shortcomings and deficiencies*), and conclusion 1/13 (*Publication of relevant information on airports located close to FIR boundaries*).

3.2           Upon reviewing conclusion 1/1, the meeting considered that it should remain effective, since the survey of WGS 84 geographic co-ordinates had not been completed by some States of the Sub-region. The meeting unanimously felt that the implementation of the WGS 84 was a matter of priority and failure to implement it would delay the regional implementation of the new CNS/ATM systems.

3.3           Consequently, the meeting considered that conclusion 1/1 should be reformulated, since the date established for the survey of the co-ordinates had already expired. Therefore, the following conclusion was formulated:

**Conclusion 2/14           Survey of WGS 84 geographic co-ordinates**

That Guyana, Suriname and Venezuela, as a matter of priority, do their utmost to complete the survey of WGS 84 geographic co-ordinates by the last quarter of 2004.

3.4           The meeting also examined conclusion 1/2 and considered that it should be reformulated, since the plan of action developed to comply with said conclusion had not given the results expected. The meeting considered that the WGS 84 geographic co-ordinates of the radio aids and reporting points on the FIR boundaries of the States of the Sub-region would be published in the AIPs and/or aeronautical charts on the effective dates of the letters of operational agreement. Accordingly, the following conclusion was formulated:

**Conclusion 2/15           Uniform publication of WGS 84 geographic co-ordinates of FIR boundaries**

That, in order to ensure the uniform publication of WGS 84 geographic co-ordinates of FIR boundaries, the States publish in their AIPs and/or aeronautical charts the uniform co-ordinates for radio aids and reporting points that appear in the letters of operational agreement, in keeping with the effective date of the same.

3.5           Upon reviewing conclusion 1/3, the meeting considered that it remained effective, since many of the AIS deficiencies had not yet been resolved. In this sense, the meeting examined the list of deficiencies shown in **Appendix A** to this part of the report.

3.6 When examining conclusion 1/13, the meeting considered that it should be reformulated, since the AIP did not specify a place where the relevant information on airports located near FIR boundaries should be published. In this regard, the meeting felt that this information could be placed in a new section called AD 4, under Aerodromes. Appendix B to this part of the report contains a table that represents section AD 4, where the information would be located. Consequently, the following conclusion was developed:

**Conclusion 2/16 Publication of relevant information on airports located close to FIR boundaries**

That the States of the Sub-region publish the most relevant information on aerodromes located close to FIR boundaries in part AD 4 of their AIPs – Aerodromes, to be created, according to the table shown in **Appendix B** to this part of the report.

3.7 **Appendix C** to this part of the report contains a table with the status of implementation of effective and reformulated conclusions.

**Provision of detailed information about WGS 84 data**

3.8 The meeting stated that there was another important topic that would need to be included among the difficulties faced by the States for full implementation of the WGS-84 in the CAR/SAM Regions, and which is directly related with the need to supply detailed information about the required WGS data.

3.9 The meeting also considered the need for the ICAO NACC and SAM Regional Offices to have detailed and reliable information on the WGS-84 data published and/or to be published by CAR/SAM States. It also noted that **ICAO Doc 9674-AN/946 [Manual of the World Geodetic System – 1984 (WGS-84)]**, in its **Appendix G**, contained a sample questionnaire that could be used by the States concerned to provide the aforementioned ICAO Regional Offices with all the information required. Consequently, the meeting adopted the following conclusion:

**Conclusion 2/17 Provision of detailed information on WGS-84 data**

That CAR/SAM States, in order to ensure full availability of information on WGS 84 data at a regional level, take the necessary steps to:

- a) Provide to the ICAO NACC and SAM Regional Offices, in printed and/or electronic form, all the reliable and detailed information on WGS-84 data published and/or to be published no later than June 2004,; and, to this end,
- b) use as a reference the sample questionnaire contained in Appendix G of ICAO Doc 9674-AN/946 [Manual of the World Geodetic System – 1984 (WGS-84)].

### **Regional and effective treatment of AIS/MAP matters**

3.10 The meeting took note of the information submitted by the Secretariat regarding the transfer of AIS/MAP matters from the East Caribbean and North Eastern South America informal coordination group to the AIS/MAP coordination and implementation meetings, so that they can be discussed extensively within a regional scope, and to avoid duplication of efforts.

3.11 Upon reviewing the aforementioned proposal, the meeting unanimously decided that AIS matters should continue to be analysed within E-CAR/SAMNE-ICG meetings, since more progress could be made in the resolution of deficiencies as a result of direct coordination among all of the States involved.

### **Use of the NOTAM data bank of Venezuela**

3.12 The delegation of Venezuela informed the meeting that it had a NOTAM data bank available and invited the States of the Sub-region to consult it and make the comments they deemed appropriate.

### **Presentation of co-ordinates by Brazil**

3.13 The delegate of France informed the meeting that the common co-ordinates between French Guiana and Brazil provided by Brazil were presented in a format different from the one stipulated in the SARPs published in Annex 15 and in document 8126, which states that co-ordinates have to be published in degrees, minutes and seconds, reason why France had to make the respective conversion. The co-ordinates presented by Brazil are in degrees, minutes and hundredths of minutes.

3.14 In this respect, the delegate of Brazil informed the meeting that his administration was aware of this, and that the change in the format of the co-ordinates was a problem easy to solve. It further stated that this situation was under study and that, within one month, Brazil would send to the ICAO Regional Office the results of this study, specifying whether they would continue using the current system or the one recommended by ICAO.

### **Current status of the AIPs of the States of the Sub-region**

3.15 **Appendix D** to this part of the report includes updated information on the current status of the AIPs of the States of the Sub-region.

## APÉNDICE A

## List of Shortcomings and Deficiencies classified as U / Lista de Carencias y Deficiencias clasificadas como U

Identification/Identificación		Shortcomings and Deficiencies/Carencias/Deficiencias				Corrective actions/Acción correctiva			
Requirements Requisitos	States/ Facilities Estados/ Instalaciones y servicios	Description Descripción	Date first reported Fecha de primera Notificación	C/D	Remarks Observaciones	Description Descripción	Executing Body Entidad ejecutora	Date of completion Fecha de finalización	P
1	2	3	4	5	6	7	8	9	10
Disposición del Cap. 4, para 4.2.9, Anexo 15; Doc. 8733 ANP, Parte VI, 3.2 <i>Disposition of Chapter 4, 4.2.9, Annex 15; Doc. 8733, ANP, Part VI, 3.2</i>	Trinidad y Tabago, Guyana, Suriname y/and Venezuela	Falta de actualización regular y eficaz del Documento AIP <i>Lack of continuous and efficient publication of the AIP</i>	24/10/00	D	Subgrupo AIS/MAP del GREPECAS. <i>GREPECAS AIS/MAP Subgroup</i>	Necesidad de mantener al día la información/datos aeronáuticos contenidos en los Documentos AIP Venezuela informó que con la Enmienda 78 a su AIP, se centraliza gran parte del contenido del AIC <i>Need to keep updated the information/data contained in the AIP. Venezuela informed that with Amendment 78 to its AIP, great part of the AIC is centralized therein.</i>	Estados indicados <i>Indicated States</i>	En el más corto plazo posible. <i>Within the least possible time.</i>	U

Identification/Identificación		Shortcomings and Deficiencies/Carencias/Deficiencias				Corrective actions/Acción correctiva			
Requirements Requisitos	States/ Facilities Estados/ Instalaciones y servicios	Description Descripción	Date first reported Fecha de primera Notificación	C/D	Remarks Observaciones	Description Descripción	Executing Body Entidad ejecutora	Date of completion Fecha de finalización	P
1	2	3	4	5	6	7	8	9	10
Disposiciones 3.1.5, 3.1.6, 5.1.1.4, 5.1.1.5, del Cap. 3 y 5, Anexo 15; Doc. 8733 ANP, Parte VI, Cap. 4 <i>Disposition on 3.1.5, 3.1.6, 5.1.1.4, 5.1.1.5, Chapters 3 and 5, Annex 15, Doc. 8733, ANP, Part IV, Chapter 4</i>	Trinidad y Tabago, Guyana, Suriname y/and Venezuela.	Difusión oportuna de la información operacional mediante NOTAM <i>Timely Dissemination through NOTAM</i>	25/10/00	D	Subgrupo AIS/MAP del GREPECAS. <i>GREPECAS AIS/MAP Subgroup</i>	Necesidad de difusión oportuna de la información operacional mediante NOTAM. Venezuela informó que no tiene problemas en esta área. <i>Need to disseminate on time all operational information through NOTAM. Venezuela informed it has no problems in this area</i>	Estados indicados <i>Indicated States</i>	En el más corto plazo posible. <i>Within the least possible time.</i>	U
Disposición en 3.4.4 del Anexo 15 y en 2.17 del Anexo 4  Cap. 2, Anexo 11  Cap.2, Anexo 14, Vol. I y II <i>Disposition in 3.4.4 of Annex 15 and in 2.17 of Annex 4</i>  <i>Chap. 2, Annex 11</i>  <i>Chap.2, Annex 14, Vol. I y II</i>	Trinidad y Tabago, Guyana, Suriname y/and Venezuela	Falta de implantación del sistema WGS-84 <i>Lack of implementation of the WGS-84 System</i>	01/01/98	D	Subgrupo AIS del GREPECAS. Encuesta a los Estados <i>GREPECAS AIS/MAP Subgroup Survey to States</i>	Necesidad de implantar el sistema geodésico WGS-84. <i>Need to implement the WGS-84 Geodetic System</i>	Estados indicados <i>Indicated States</i>	En el más corto plazo posible <i>Within the least possible time</i>	U

Identification/Identificación		Shortcomings and Deficiencies/Carencias/Deficiencias				Corrective actions/Acción correctiva			
Requirements Requisitos	States/ Facilities Estados/ Instalaciones y servicios	Description Descripción	Date first reported Fecha de primera Notificación	C/D	Remarks Observaciones	Description Descripción	Executing Body Entidad ejecutora	Date of completion Fecha de finalización	P
1	2	3	4	5	6	7	8	9	10
Disposición en 4.2.8, 4.3.4, Cap. 6, Anexo 15 Cap. 8 Doc 8733 ANP, Parte VI, Cap. 8  <i>Disposition in 4.2.8, 4.3.4, Chap. 6, Annex 15 Chap. 8 Doc 8733 ANP, Part VI, Chap. 8</i>	<b>Brasil, Guyana, Suriname, Trinidad and Tobago y/and Venezuela.</b>	Falta de una eficaz aplicación del sistema AIRAC <i>Lack of effective application of AIRAC system</i>	01/11/94 25/04/96	C/D	Registros/archivos en las OR SAM y NACC. Informes del GREPECAS  <i>Records/files in SAM and NACC ROs GREPECAS reports</i>	Necesidad de una eficaz aplicación de los requisitos AIRAC  <i>Need for an effective application of AIRAC requirements</i>	Estados indicados  <i>Indicated States</i>	En el más corto plazo posible  <i>Within the least possible time</i>	U
<b>Doc 8733 , Parte VI, Cap. 8, párrafo 8.2</b> <i>Doc 8733 , Part VI, Chap. 8, para. 8.2</i>	<b>Guyana, Suriname y/and Venezuela</b>	Falta de implantación del sistema AIRAC <i>Lack of implementation of AIRAC system</i>	01/11/94 25/04/96	C	Registros/archivos en las OR SAM Y NACC. Informes del GREPECAS. <i>Records/files in SAM and NACC ROs GREPECAS reports</i>	Necesidad de implantar los requisitos AIRAC.  <i>Need for implementation of AIRAC requirements</i>	Estados indicados <i>Indicated States</i>	En el más corto plazo posible <i>Within the least possible time</i>	U
<b>Doc. 8733 ANP, ParteVI, Cap. 2, párrafo 2.3</b> <i>Doc. 8733 ANP, Part VI, Chap. 2, para. 2.3</i>	<b>Guyana, Suriname, y/and Venezuela</b>	Falta de asignación de la más alta prioridad a la impresión de las publicaciones AIS <i>Lack of highest priority for printing of AIS publications</i>	18/09/96 19/05/98	C	Registros/archivos en las OR SAM y NACC . Informes del GREPECAS <i>Records/files in SAM and NACC ROs GREPECAS reports</i>	Necesidad de asignar la más alta prioridad a la impresión de las publicaciones AIS <i>Need to provide a higher priority for the printing of AIS publications</i>	Estados indicados  <i>Indicated States</i>	En el más corto plazo posible  <i>Within the least possible time</i>	U

Identification/Identificación		Shortcomings and Deficiencies/Carencias/Deficiencias				Corrective actions/Acción correctiva			
Requirements Requisitos	States/ Facilities Estados/ Instalaciones y servicios	Description Descripción	Date first reported Fecha de primera Notificación	C/D	Remarks Observaciones	Description Descripción	Executing Body Entidad ejecutora	Date of completion Fecha de finalización	P
1	2	3	4	5	6	7	8	9	10
Anexo 4 , Cap. 3 <i>Annex 4, Chap. 3</i>	Trinidad y Tabago, y/and Venezuela	Aplicación parcial de los requisitos de la OACI en cuanto a la producción del plano de obstáculos de aeródromo Tipo A de la OACI.  <i>Partial application of ICAO requirements for the production of <b>Aerodrome</b> obstacle chart-ICAO Type A.</i>	06/01/94	D	Registros/archivos en OR SAM y NACC. Informes del GREPECAS y del SG/AIS  <i>Records/files in SAM and NACC ROs. GREPECAS and AIS/MAP/SG reports</i>	Necesidad de una producción efectiva de las cartas aeronáuticas de esta serie de acuerdo con las especificaciones de la OACI.  <i>Need for effective production of aeronautical charts of this series according to the ICAO specifications</i>	Estados indicados <i>Indicated States</i>	En el más corto plazo posible  <i>Within the least possible time</i>	U
Doc. 8733 ANP, Parte VI, párrafo. 11.1, 11.5  <i>Doc 8733 ANP, Part VI, para. 11.1, 11.5</i>	Trinidad y Tabago, Brasil, Guyana Francesa, Guyana, Suriname, y/and Venezuela	No se produce el plano de obstáculos de aeródromo Tipo C de la OACI.  <i>Non production of Aerodrome obstacle chart-ICAO Type C.</i>	06/01/94	C	Registros/archivos en las OR SAM y NACC. Informes del GREPECAS y del SG/AIS  <i>Records/files in SAM and NACC ROs. GREPECAS and AIS/MAP/SG reports</i>	Necesidad de producir las cartas aeronáuticas de esta serie.  <i>Need for production of aeronautical charts of this series</i>	Estados indicados  <i>Indicated States</i>	En el más corto plazo posible  <i>No lo requiere el Caribe Oriental</i>  <i>Within the least possible time</i>	U



**APENDICE/APPENDIX C**

**CUADRO RESUMEN CONCLUSIONES CAR/SAM AREA AIS FORMULADAS DURANTE LA E-CAR/SAM NE/1**

**SUMMARY TABLE OF THE CAR/SAM AIS CONCLUSIONS FORMULATED BY E-CAR/SAM NE/1**

<b>Número Conclusión Conclusion Number</b>	<b>Título/ Title</b>	<b>Estado/ State</b>	<b>Observaciones Remarks</b>
1/1	Relevamiento de coordenadas geográficas WGS-84/ Survey of WGS-84 geographic co-ordinates	Reformulada/ Reformulated	Reformulada como la Conclusión 2/14/ Reformulated as Conclusion 2/14
1/ 2	Publicación uniforme de las coordenadas geográficas WGS 84 en los limites de las FIRs/ Uniform publication of WGS-84 geographic co-ordinates of FIR boundaries	Reformulada/ Reformulated	.Reformulada como la Conclusión 2/15/ Reformulated as Conclusion 2/15
1/3	Carencias y Deficiencias/ Shortcomings and deficiencies	Vigente/ Effective	Muchas de las deficiencias aún no se han solucionado/ Many of the deficiencies have not yet been resolved
1/13	Publicación de información relevante sobre aeropuertos ubicados en la cercanía de los limites de las FIRs/ Publication of relevant information on airports located close to FIR boundaries	Reformulada/ Reformulated	Reformulada como la Conclusión 2/16/ Reformulated as Conclusion 2/16

### APENDICE D/APPENDIX D

#### Estado actual de las AIPs en la Sub-Región del Caribe Oriental y Nordeste Sudamericana Current status of AIPs in the East Caribbean and North Eastern South America Sub-Region

Estados / States	Estados de las AIPs/ AIPs status			
	Producida bajo las actuales especificaciones del Anexo 15/ <b>Produced under current Annex 15 specifications/</b>	Producida según viejo formato/ <b>Produced under old format/</b>	Ultima enmienda recibida en la Oficina SAM / <b>Last AIP amendment received at SAM Office/</b>	Nivel de actualización  <b>Level of updating/</b>
<b>Antillas Neerlandesas/ Netherlands Antilles</b>		•	25/07/03	Nivel regular de actualización/ <b>Regular level of AIP updating</b>
<b>Brasil/ Brazil</b>	•		30/10/03	Nivel regular de actualización / <b>Regular level of AIP updating</b>
<b>Guyana Francesa French Guiana</b>	•		10/07/03	Nivel regular de actualización / <b>Regular level of AIP updating</b>
<b>Guyana</b>	•		20/02/03	Nivel de actualización AIP irregular/ <b>Irregular level of AIP updating</b>
<b>Surinam Surinamee</b>	•		04/10/01	No actualización AIP posterior a la fecha indicada/ <b>No AIP updating after this date</b>
<b>Trinidad &amp; Tobago</b>		•	27/11/03	Tres enmiendas por año tal como se indica en el AIC / <b>Three amendments per year as indicated in the AIC</b>
<b>Venezuela</b>		•	10/07/03	Nivel de actualización AIP irregular / <b>Irregular level of AIP updating</b>