

Agenda Item 3: Follow up of the AIS/MAP deficiencies existing in the ICAO South American Region

3.1 With respect to this matter, the Meeting examined all of the aspects related to the non-implementation of AIS/MAP requirements contained in ICAO Annexes 4 and 15 and the CAR/SAM Air Navigation Plan which directly affect the provision by SAM States of AIS information services to users, and which may have an adverse impact on the safety of air operations, and which are included in **Appendix A** to this part of the final report, in keeping with the standard format and procedures established by the ICAO Council for their corresponding review by the PIRGs.

3.2 The Meeting also considered the fact that the Eighth Meeting of Civil Aviation Authorities of the SAM Region (RAAC/8) took note of the follow-up action taken by the SAM Office regarding Conclusion 7/13 of the RAAC/7 Meeting, according to which States had to develop and forward to this Office, by 31 October 2002, an “Action Plan” to correct the deficiencies identified by said meeting. In this respect, it was noted that this date had elapsed and only 6 SAM States had sent their action plans. Likewise, note was taken on the fact that RAAC/8 meeting studied a course of action and a common strategy to resolve the deficiencies in the SAM Region and, as accordingly, adopted Conclusion 8/10 (Regional strategy for the resolution of deficiencies), where the procedures, mechanisms and methodologies were included in relation to this matter. In order to support and comply with this requirement, and with a view that AIS authorities be able to carry out an exercise with respect to the preparation of their AIS/MAP implementation action plans, **Appendix B** (and its Attachment 1) are included to this part of the Report.

3.3 When dealing with this matter, and after exchanging point of view, the Meeting agreed on the need that a more detailed study should be made by the AIS/MAP/SG concerning AIS/MAP deficiencies’ classification, a major level of precision with respect to the specific types of deficiencies, as well as on the requirement to establish a difference of criteria regarding the concepts: “deficiency” and “difference”, distinction which could be reflected in the standardized forms for the notification of differences in the Air Navigation field.

3.4 After examining the contents of this subject, particularly the material contained in Appendix A, which shows the main deficiencies observed in the implementation of AIS/MAP requirements in the ICAO South American Region, as well as in Appendix B, the Meeting considered the convenience to adopt the following Conclusions:

CONCLUSION 3/1: MEASURES FOR THE ELIMINATION OF AIS/MAP DEFICIENCIES IN THE SAM REGION

That, taking into account the need for an effective implementation of the AIS/MAP requirements contained in ICAO Annexes 4 and 15 and in Document 8733 (CAR/SAM Air Navigation Plan), the AIS authorities of SAM States take the necessary steps to:

- a) establish annual work plans aimed at effectively eliminating AIS/MAP deficiencies, in keeping with the operational requirements of the users;
- b) inform civil aviation administrations about said annual work plans, indicating the status of implementation of AIS/MAP deficiencies, and about the need to have the necessary resources to face these problems; and
- c) coordinate with the respective aeronautical authorities so as to keep the SAM Regional Office periodically informed about the progress made in the implementation and/or elimination of existing AIS/MAP deficiencies, and to that end, use the model form shown in Appendix B to this part of the Report.

**CONCLUSIÓN 3/2: ACTIONS ADDRESSED TOWARD THE SOLUTION OF
DEFICIENCIES IN THE AIS/MAP FIELDS**

That, with a view to effectively solve the AIS/MAP deficiencies in the South American Region, the ICAO SAM Office, in close collaboration with States, should prepare and develop a coordination meeting for the presentation of specific implementation projects, to solve common problems to the States.

REPORT FORM ON AIR NAVIGATION DEFICIENCIES IN THE AIS/MAP FIELD IN THE SAM REGION

Identification		Deficiencies			Corrective action			
Requirements	States/facilities and services	Description	Notification Date	Remarks	Description	Executing Entity	Implementation Date	Priority
AIS/MAP	ARGENTINA							
Annex 15; Chapter 3.2	AIS/MAP	<i>Quality System (QS) requirement and Quality Assurance (QA) procedure in AIS</i>	01/01/98	Register of the SAM RO.	Need to implement QS and QA in AIS.	DAC AIS	ASAP	A
Annex 15; Chapter 3; 3.6.1	AIS	<i>English language requirement in AIS publications.</i>	19/05/98	Register of the SAM RO.	Use of English language for clear language texts in AIS publications.	DAC AIS	ASAP	A
Annex 15; Chapter 3; 3.6.4 Annex 4 Chapter 2	AIS/MAP	<i>Total implementation of the WGS-84 System requirement</i>	01/01/98	Register of the SAM RO.	Publication of the WGS-84 geoidal undulation. Coordination with States to publish common FIRs boundaries coordinates.	DAC AIS/MAP	ASAP	A
Annex 15; Chapter 3.6.6 Doc. 8733/ ANP	AIS	<i>Automated systems requirements in AIS services.</i>	15/07/01	Register of the SAM RO.	Implementation of NOTAM Data Bank (NASCs) and AIS Data Bank in AIS.	DAC	ASAP	A
Annex 15; Chapter 8 Table AIS 4	AIS	<i>Effective provision of the pre-flight information</i>	18/09/96	Register of the SAM RO.	Higher level of compliance in the provision of PIB bulletins, according to	DAC AIS	ASAP	A

Identification		Deficiencies			Corrective action			
Requirements	States/facilities and services	Description	Notification Date	Remarks	Description	Executing Entity	Implementation Date	Priority
AIS/MAP	ARGENTINA							
					specific requirements of users.			
Annex 15; Chapter 8,	AIS	<i>Effective provision of the post-flight information.</i>	18/09/96	Register of the SAM RO.	Coordination is required among ATS, AIS and the crew for the effective provision of the post-flight information service.	DAC	ASAP	A
Annex 4 Chapter 5	AIS/MAP	<i>Elaboration of Obstacle chart of Type C Aerodrome.</i>	06/01/94	Register of the SAM RO.	Production of obstacles charts of Type C Aerodromes, according to prescription.	DAC AIS/MAP	ASAP	B
Annex 4 Chapter 11	AIS/MAP	<i>Elaboration of the ICAO Instrument Approach Charts.</i>	06/01/94	Register of the SAM RO.	Larger application of the ICAO format, to elaborate the Instruments Approach charts.	DAC AIS/MAP	ASAP	A
Annex 4 Chapter 13	AIS/MAP	<i>Production requirement of the ICAO Chart / Heliport.</i>	06/01/94	Register of the SAM RO.	Incorporate the WGS-84 geoidal undulations in the ICAO - Aerodrome / Heliport Charts.	DAC AIS/MAP	ASAP	A
Annex 4 Chapter 16 y 17 Doc. 8733	AIS/MAP	<i>Production requirement of the World Area Chart (WAC), and/or the 1:500,000 scale</i>	06/01/94	Register of the SAM RO.	Elaboration of the WAC chart/ and/or 1:500,000 under the WGS-84 and through	DAC AIS/MAP	ASAP	B

Identification		Deficiencies				Corrective action			
Requirements	States/facilities and services	Description	Notification Date		Remarks	Description	Executing Entity	Implementation Date	Priority
AIS/MAP	ARGENTINA								
		<i>Aeronautical Chart.</i>				the ICAO specifications, is required.			

REPORT FORM ON AIR NAVIGATION DEFICIENCIAS IN THE AIS FIELD IN THE SAM REGION

Identification		Deficiencies			Corrective action			
Requirements	States/facilities and services	Description	Notification Date	Remarks	Description	Executing Entity	Implementation Date	Priority
AIS/MAP	BOLIVIA							
Annex 15; Chapter. 3.2	AIS/MAP	<i>Quality System (QS) requirement and Quality Assurance (QA) procedures in AIS.</i>	01/01/98		Need to implement QS and QA in AIS.	DAC AIS	ASAP	
Annex 15; Chapter 3.6.1	AIS	<i>Requirement for use of the English language in AIS publications.</i>	19/05/98	SAM RO Registry	Need to utilize the English language for clear texts on AIS publications.	DAC AIS	ASAP	A
Annex 15; Chapter 3.6.4 Annex 4 Chapter. 2	AIS/MAP	<i>WGS-84 System implementation requirement.</i>	01/01/98	SAM RO Registry	Need to implement the WGS-84 system. Coordination with States to publish common coordinates FIRs boundaries.	DAC AIS/MAP	ASAP	A
Annex 15; Chapter. 3.6.6 Doc. 8733	AIS	<i>Requirement for use of automated systems in AIS services.</i>	15/07/01	SAM RO Registry	NOTAM (NASCs) Data Bank implementation and AIS Data Bank, in AIS.	DAC	ASAP	A
Annex 15; Chapter. 4.2.8 Doc. 8733	AIS	<i>Requirement the application of the AIRAC system.</i>	25/04/96	SAM RO Registry	Need for a closer follow-up to the AIRAC system, inclusive the AIRAC NIL regular publication.	AIS	ASAP	A

Identification		Deficiencies			Corrective action			
Requirements	States/facilities and services	Description	Notification Date	Remarks	Description	Executing Entity	Implementation Date	Priority
 AIS/MAP	 BOLIVIA							
Doc. 8733	AIS/NOF	<i>Requirement for service provision in the international NOTAM Offices, during 24 hours.</i>	25/04/96	SAM RO Registry	Need to equip the NOFs with the necessary resources for a 24-hour service provision.	DAC	ASAP	A
Doc. 8733,	AIS/NOF	<i>Requirement for an effective NOTAM promulgation and control.</i>	25/04/96	SAM RO Registry.	Need for an effective control of the NOTAM information. The initiation NOTAM system is not complied accordingly.	AIS	ASAP	A
Annex 15; Chapter. 5.1.1.5	AIS/NOF	<i>Requirement for NOTAM promulgation with 7 days in advance for airspace restriction.</i>	25/4/96	SAM RO Registry.	Need for a more effective Civil/Military coordination.	DAC	ASAP	U
Annex 15; Chapter. 7	AIS	<i>Requirement for AIC promulgation.</i>	01/11/94 25/04/96	SAM RO Registry.	Need for an effective use of the AIC, according to requirements established for such purposes.	DAC AIS	ASAP	B
Annex 15; Chapter. 8 Doc. 8733	AIS	<i>Requirement for pre-flight service provision at international airports.</i>	18/09/96	SAM RO Registry.	Need for an effective provision of pre-flight information services, inclusive provision of PIB bulletins, as required.	DAC AIS	ASAP	A

Identification		Deficiencies			Corrective action			
Requirements	States/facilities and services	Description	Notification Date	Remarks	Description	Executing Entity	Implementation Date	Priority
AIS/MAP	BOLIVIA							
Annex 15; Chapter 8.3 Doc. 8733	AIS	<i>Requirement for post-flight information availability.</i>	18/09/96	SAM RO Registry.	A greater coordination level among ATS, AIS and the crew members is required.	DAC	ASAP	A
Annex 4 Chapter. 2.18 Doc. 8733	AIS/MAP	<i>Requirement for elaboration of aeronautical charts based on the WGS-84 system.</i>	01/01/98	SAM RO Registry.	Need to elaborate all aeronautical charts required, based on the referred WGS-84 geodetical system.	DAC AIS/MAP	ASAP	A
Annex 4 Chapter. 5 Doc. 8733	AIS/MAP	<i>Requirement for elaboration of ICAO Obstacle Aerodrome Chart – Type C.</i>	06/01/94	SAM RO Registry.	Need to elaborate the ICAO aerodrome obstacle chart – Type C, as required.	DAC AIS/MAP	ASAP	B
Annex 4 Chapter 7 Doc. 8733	AIS/MAP	<i>Requirement for elaboration of ICAO En-route navigation Charts.</i>	18/09/96	SAM RO Registry.	The elaboration of this chart should be based on WGS-84.			
Annex 4 Chapter. 11	AIS/MAP	<i>Requirement for elaboration of the ICAO Instruments Approach Charts.</i>	06/01/94	SAM RO Registry	A larger application of the ICAO format is required.	DAC AIS/MAP	ASAP	A
Annex 4 Chapter. 13 Doc. 8733	AIS/MAP	<i>Requirement for elaboration of the ICAO Aerodrome / Heliport Chart.</i>	06/01/94	SAM RO Registry	The WGS-84 geoidal undulations should be included in these charts.	DAC AIS/MAP	ASAP	A

Identification		Deficiencies			Corrective action			
Requirements	States/facilities and services	Description	Notification Date	Remarks	Description	Executing Entity	Implementation Date	Priority
Annex 4 Chapter. 16. 17 Doc. 8733	AIS/MAP	<i>Requirement for elaboration of the World Aeronautical Chart and/or the 1:500,000 scale aeronautical chart.</i>	06/01/94	SAM RO Registry	The elaboration of this WAC chart/ and/or 1:500,000 under the WGS-84, and through the ICAO specifications and pages index for each State, are required.	DAC AIS/MAP	ASAP	B

REPORT FORM ON AIR NAVIGATION DEFICIENCIES IN THE AIS FIELD IN THE SAM REGION

Identification		Deficiencies			Corrective action			
Requirements	States/facilities and services	Description	Notification Date	Remarks	Description	Executing Entity	Implementation Date	Priority
AIS/MAP	BRAZIL							
Annex 15; Chapter 3.2	AIS/MAP	<i>Quality System (QS) requirement and Quality Assurance (QA) procedures in AIS.</i>	01/01/98		Need to implement QS and QA in AIS.	DAC AIS	ASAP	A
Annex 15; Chapter 3.6.4 Annex 4 Chapter 2	AIS/MAP	<i>WGS-84 System implementation requirement.</i>	01/01/98	SAM RO Registry	Need to implement the WGS-84 system. Coordination with States to publish common coordinates FIRs boundaries.	DAC AIS/MAP	ASAP	A
Annex 15; Para. 4.1	AIS	<i>Requirement for publication of the restructured AIP.</i>	25/4/96	SAM RO Registry	Need to add in the AD/AIP section all aeronautical charts, regarding each airport.	DAC AIS	ASAP	A
Doc. 8733, Para 43-44	AIS/NOF	<i>Requirement for an effective NOTAM promulgation and control.</i>	25/04/96	SAM RO Registry	Need to comply with NOTAM summaries promulgation. Utilize initiation NOTAM. Larger control of foreign NOTAM.	AIS	ASAP	A
Annex 15; Chapter 8	AIS	<i>Requirement for pre-flight service provision at international airports.</i>	18/09/96	SAM RO Registry.	Need for a more effective control of foreign NOTAM information, for an efficient pre-flight service provision and PIB, as required.	DAC AIS	ASAP	A

Identification		Deficiencies			Corrective action			
Requirements	States/facilities and services	Description	Notification Date	Remarks	Description	Executing Entity	Implementation Date	Priority
AIS/MAP	BRAZIL							
Annex 15; Para. 8.3	AIS	<i>Requirement for post-flight information availability.</i>	18/09/96	SAM RO Registry.	A greater coordination level among ATS, AIS and the crewmembers is required.	DAC	ASAP	A
Annex 4 Chapter 2	AIS/MAP	<i>Requirement for elaboration of aeronautical charts based on the WGS-84 system.</i>	01/01/98	SAM RO Registry.	Need to elaborate all aeronautical charts required, based on the referred WGS-84 geodetical system.	DAC AIS/MAP	ASAP	A
Annex 4 Chapter 5	AIS/MAP	<i>Requirement for elaboration of ICAO Obstacle Aerodrome Chart – Type C.</i>	06/01/94	SAM RO Registry.	Need to elaborate the ICAO aerodrome obstacle chart, as prescribed.	DAC AIS/MAP	ASAP	B
Annex 4 Chapter 11	AIS/MAP	<i>Requirement for elaboration of the ICAO Instruments Approach Charts.</i>	06/01/94	SAM RO Registry	A larger application of the ICAO format is required.	DAC AIS/MAP	ASAP	A
Annex 4 Chapter 13	AIS/MAP	<i>Requirement for elaboration of the ICAO Aerodrome / Heliport Chart.</i>	06/01/94	SAM RO Registry.	Need to elaborate these charts for all international airports and add them to the AD/ AIP section with the WGS-84 geoidal undulations.	DAC AIS/MAP	ASAP	A
Annex 4 Chapter 16; 17 Doc. 8733	AIS/MAP	<i>Requirement for elaboration of the World Aeronautical Chart and/or the 1:500,000 scale aeronautical chart.</i>	06/01/94	SAM RO Registry.	Need for an effective elaboration of the World Aeronautical Chart (WAC). It is required to complete the elaboration	DAC AIS/MAP	ASAP	B

Identification		Deficiencies				Corrective action			
Requirements	States/facilities and services	Description	Notification Date		Remarks	Description	Executing Entity	Implementation Date	Priority
AIS/MAP	BRAZIL								
						of the VFR charts under the WGS-84.			

REPORT FORM ON AIR NAVIGATION DEFICIENCIES IN THE AIS/MAP FIELD IN THE SAM REGION

Identification		Deficiencies			Corrective action			
Requirements	States/Facilities and services	Description	Notification Date	Remarks	Description	Executing Entity	Implementation Date	Priority
AIS/MAP	CHILE							
Annex 15; Chap. 3.2	AIS/MAP	<i>Requirement of Quality System (QS) and Quality Assurance (QA) in AIS</i>	01/01/98		Need to implement QS and QA in AIS	DAC AIS	ASAP	A
Annex 15; Chap. 3.6.1	AIS	<i>Requirement for use of English language in AIS publications</i>	19/05/98	SAM Office Registry	Need to comply with this requirement for the AIP document.	DAC AIS	ASAP	A
Annex 15; Chap. 3.6.4 Annex 4 Chap. 2	AIS/MAP	<i>Requirement for implementation of WGS-84 System</i>	01/01/98	SAM Office Registry	Need to publish WGS-84 geoidal undulation regarding the positions, subject to topographic.	DAC AIS/MAP	ASAP	A
Annex 15; Chap. 4.1 Doc. 8733	AIS	<i>Requirement for publication of re-structured AIP.</i>	25/4/96	SAM Office Registry	It would be convenient that the AIP be published in small format.	DAC AIS	ASAP	B
Doc. 8733	AIS	<i>Requirement for effective promulgation and control of NOTAM.</i>	25/04/96	SAM Office Registry	The regular promulgation of NOTAM summary is not being complied with. Use the initiation NOTAM system.	AIS	ASAP	A

Identification		Deficiencies			Corrective action			
Requirements	States/Facilities and services	Description	Notification Date	Remarks	Description	Executing Entity	Implementation Date	Priority
AIS/MAP	CHILE							
Annex 15; Chap. 5.1.1.5	AIS/NOF	<i>Requirement of NOTAM promulgation with 7 days in advance for airspace restriction.</i>	25/4/96	SAM Office Registry	Need for more effective Civil/Military Coordination.	DAC	ASAP	U
Annex 15; Chap. 6 Doc. 8733	AIS	<i>Requirement for effective application of AIRAC system</i>	25/04/96	SAM Office Registry	Need to comply more effectively with all AIRAC requirements [AIRAC NIL].	DAC AIS	ASAP	A
Annex 15; Chap. 7	AIS	<i>Requirement for AIC promulgation.</i>	25/04/96	SAM Office Registry.	Need for effective use of the AIC as per requirements established for such purposes.	DAC AIS	ASAP	B
Annex 15; Chap. 8 Doc. 8733	AIS	<i>Requirement for implementation of AIS units in international aerodromes.</i>	19/05/98	SAM Office Registry.	Need for these units to be under operative control of the AIS	DAC	ASAP	A
Annex 15; Chap. 8 Doc. 8733	AIS	<i>Requirement for pre-flight service provision in international aerodromes.</i>	18/09/96	SAM Office Registry.	Need for effective of pre-flight information services, inclusive provision of specialized PIB bulletins per flight, as required	DAC AIS	ASAP	A

Identification		Deficiencies			Corrective action			
Requirements	States/Facilities and services	Description	Notification Date	Remarks	Description	Executing Entity	Implementation Date	Priority
AIS/MAP	CHILE							
Annex 15; Chap. 8.3 Doc. 8733	AIS	<i>Requirement on post-flight information availability.</i>	18/09/96	SAM Office Registry.	A greater level of coordination among ATS, AIS and crews is required.	DAC	ASAP	A
Annex 4 Chap 2.18 Doc. 8733	AIS/MAP	<i>Requirement for elaboration of aeronautical charts based in WGS-84 System.</i>	01/01/98 01/01/98	SAM Office Registry. <i>(the elaboration of VFR charts should be completed under WGS-84)</i>	Need to produce all aeronautical charts required, based on WGS-84 reference geodetic system	DAC AIS/MAP	ASAP	A
Annex 4 Chap. 3 Doc. 8733	AIS/MAP	<i>Requirement for elaboration of ICAO Aerodrome Obstacle Charts Type A.</i>	06/01/94	SAM Office Registry.	Need for more effective elaboration of ICAO aerodrome obstacles chart Type A. [The elaboration of these charts is required at Isla de Pascua Airport]	DAC AIS/MAP	ASAP	A

Identification		Deficiencies			Corrective action			
Requirements	States/Facilities and services	Description	Notification Date	Remarks	Description	Executing Entity	Implementation Date	Priority
AIS/MAP	CHILE							
Annex 4 Chap. 5 Doc. 8733	AIS/MAP	<i>Requirement for elaboration of ICAO Aerodrome Obstacle Chart Type C</i>	06/01/94	SAM Office Registry.	Need for elaboration of ICAO aerodrome obstacle chart Type C, as prescribed.	DAC AIS/MAP	ASAP	B
Annex 4 Chap. 7 Doc. 8733	AIS/MAP	<i>Requirement for elaboration of ICAO en-route air navigation charts.</i>	18/09/96	SAM Office Registry.	Greater application of ICAO format is required.	DAC AIS/MAP	ASAP	B
Annex 4 Chap. 11 Doc. 8733	AIS/MAP	<i>Requirement for elaboration of ICAO Instrument Approach Charts.</i>	06/01/94	SAM Office Registry.	Greater application of ICAO format is required.	DAC AIS/MAP	ASAP	A
Annex 4 Chap. 13 Doc. 8733	AIS/MAP	<i>Requirement for elaboration of ICAO Aerodrome/Heliport Chart.</i>	06/01/94	SAM Office Registry	Elaboration of these charts is required and its inclusion in the AIP	DAC AIS/MAP	ASAP	A
Annex 4 Chap. 16, 17 Doc. 8733	AIS/MAP	<i>Requirement for elaboration of World Aeronautical Chart (WAC);and/or 1:500,000 scale aeronautical chart.</i>	06/01/94	SAM Office Registry.	Need to complete the elaboration of the World Aeronautical Chart (WAC),	DAC AIS/MAP	ASAP	B

REPORT FORM ON AIR NAVIGATION DEFICIENCIES IN THE AIS/MAP FIELD IN THE SAM REGION

Identification		Deficiencies			Corrective action			
Requirements	States/Facilities and services	Description	Notification Date	Remarks	Description	Executing Entity	Implementation Date	Priority
AIS/MAP	COLOMBIA							
Annex 15; Chap. 3.2	AIS/MAP	<i>Requirement of Quality System (QS) and Quality Assurance (QA) in AIS</i>	01/01/98		Need to implement QS and QA in AIS	DAC AIS	ASAP	A
Annex 15; Chap. 3.6.1	AIS	<i>Requirement for use of English language in AIS publications</i>	18/09/96 19/05/98	ICAO SAM Office Registry.	Need to comply with this requirement for the AIP document.	DAC AIS	ASAP	A
Annex 15; Chap. 33.6.4 Annex 4 Chap. 2, Doc. 8733	AIS/MAP	<i>Requirement for implementation of WGS-84 System</i>	01/01/98	ICAO SAM Office Registry.	Need for total implementation of WGS-84 system, inclusive in all aeronautical charts. Coordination with States to publish common FIRs boundaries coordinates	DAC AIS/MAP	ASAP	A
Annex 15; Chap. 4.1 Doc. 8733	AIS	<i>Requirement for publication of re-structured AIP.</i>	25/4/96	ICAO SAM Office Registry.	It would be very convenient to publish AIP in small format.	DAC AIS	ASAP	A

Identification		Deficiencies			Corrective action			
Requirements	States/Facilities and services	Description	Notification Date	Remarks	Description	Executing Entity	Implementation Date	Priority
AIS/MAP	COLOMBIA							
Doc. 8733	AIS	<i>Requirement for effective promulgation and control of NOTAM.</i>	25/04/96	ICAO SAM Office Registry.	The regular promulgation of NOTAM summary is not being complied with. Use the initiation NOTAM system.	AIS	ASAP	A
Annex 15; Chap. 5.1.1.5	AIS/NOF	<i>Requirement of NOTAM promulgation with 7 days in advance for airspace restriction.</i>	25/4/96	ICAO SAM Office Registry.	Need for more effective Civil/Military Coordination.	DAC	ASAP	U
Annex 15; Chap. 6 Doc. 8733	AIS	<i>Requirement for effective application of AIRAC system.</i>	01/11/94 25/04/96	ICAO SAM Office Registry.	Need to comply more effectively with all AIRAC requirements [AIRAC NIL].	DAC AIS	ASAP	A
Annex 15; Chap. 7	AIS	<i>Requirement for AIC promulgation.</i>	01/11/94 25/04/96	ICAO SAM Office Registry.	Need for effective use of the AIC as per requirements established for such purposes.	DAC AIS	ASAP	B
Annex 15; Chap. 8 Doc. 8733	AIS	<i>Requirement for pre-flight service provision in international aerodromes.</i>	18/09/96	ICAO SAM Office Registry.	Need for effective of pre-flight information services, inclusive provision of specialized PIB bulletins per flight, as required	DAC AIS	ASAP	A
Annex 15; Chap. 8.3 Doc. 8733	AIS	<i>Requirement on post-flight information availability.</i>	18/09/96	ICAO SAM Office Registry.	A greater level of coordination among ATS, AIS and crews is required.	DAC	ASAP	A

Identification		Deficiencies			Corrective action			
Requirements	States/Facilities and services	Description	Notification Date	Remarks	Description	Executing Entity	Implementation Date	Priority
AIS/MAP	COLOMBIA							
Annex 4 Chap 2.18 Doc. 8733	AIS/MAP	<i>Requirement for elaboration of aeronautical charts based in WGS-84 System.</i>	01/01/98 01/01/98	ICAO SAM Office Registry.	Need to produce all aeronautical charts required, based on WGS-84 reference geodetic system	DAC AIS/MAP	ASAP	A
Annex 4 Chap. 5 Doc. 8733	AIS/MAP	<i>Requirement for elaboration of ICAO Aerodrome Obstacle Charts Type A.</i>	06/01/94	ICAO SAM Office Registry.	Need for more effective elaboration of ICAO aerodrome obstacles chart Type C, as prescribed.	DAC AIS/MAP	ASAP	B
Annex 4 Chap. 7 Doc. 8733, Table AIS 6	AIS/MAP	<i>Requirement for elaboration of ICAO en-route air navigation charts.</i>	18/09/96	ICAO SAM Office Registry.	Greater application of ICAO format is required.	DAC AIS/MAP	ASAP	B
Annex 4 Chap. 11 Doc. 8733	AIS/MAP	<i>Requirement for elaboration of ICAO Instrument Approach Charts..</i>	06/01/94	ICAO SAM Office Registry.	Greater application of ICAO format is required.	DAC AIS/MAP	ASAP	A
Annex 4 Chap. 16; 17 Doc. 8733	AIS/MAP	<i>Requirement for elaboration of World Aeronautical Chart (WAC);and/or 1:500,000 scale aeronautical chart.</i>	06/01/94	ICAO SAM Office Registry.	Elaboration of WAC and/or 1:500,000 are required under WGS-84; and through ICAO specifications.	DAC AIS/MAP	ASAP	B

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Identification		Deficiencies				Corrective action			
Requirements	States/Facilities and services	Description	Notification Date		Remarks	Description	Executing Entity	Implementation Date	Priority
AIS/MAP	ECUADOR								
Annex 15; Chap. 3.2	AIS/MAP	<i>Quality System requirement (QS) and Quality Assurance Procedure in AIS</i>	01/01/98			Need to implement QS and QA in AIS	DAC AIS	ASAP	A
Annex 15; Chap. 3.6.1	AIS	<i>Requirement of English language utilization in AIS publications</i>	19/05/98		SAM Office Registry	Need to comply with this requirement for AIP Doc, Supplements and AIC.	DAC AIS	ASAP	A
Annex 15; Chap. 3.6.4 Annex 4 Chap. 2	AIS/MAP	<i>Requirement for WGS-84 System implementation.</i>	01/01/98		SAM Office Registry	Need for publication of geoidal undulation. Coordination with States to public common FIRs boundaries coordinates.	DAC AIS/MAP	ASAP	A
Annex 15; Chap. 4.2.8 Doc. 8733	AIS	<i>Requirement for implementation of the AIRAC System.</i>	25/04/96		SAM Office Registry	Need to implement AIRAC System as required.	DAC	ASAP	A
Annex 15; Chap. 5.1.1.5	AIS/NOF	<i>Requirement for NOTAM promulgation 7 days in advance for airspace restriction.</i>	25/4/96		SAM Office Registry	Need for more effective Civil/Military coordination.	DAC	ASAP	U

Identification		Deficiencies			Corrective action			
Requirements	States/Facilities and services	Description	Notification Date	Remarks	Description	Executing Entity	Implementation Date	Priority
AIS/MAP	ECUADOR							
Annex 15; Chap. 8 Doc. 8733	AIS	<i>Requirement for pre-flight service provision at international aerodromes.</i>	18/09/96	SAM Office Registry	Need for greater effectiveness in PIB bulletins provision, as required.	DAC AIS	ASAP	A
Annex 15; Chap. 8.3 Doc. 8733	AIS	<i>Requirement on post-flight information availability.</i>	18/09/96	SAM Office Registry	Greater coordination level among ATS, AIS and crew is required.	DAC	ASAP	A
Annex 4 Chap. 5 DOC. 8733	AIS/MAP	<i>Requirement of elaboration of ICAO Aerodrome Obstacle Chart- Type C.</i>	06/01/94	SAM Office Registry	Need for elaboration of ICAO Aerodrome Obstacles Chart – Type C, as prescribed.	DAC AIS/MAP	ASAP	B
Annex 4 Chap. 11	AIS/MAP	<i>Requirement for elaboration of ICAO Instrument Approach Charts</i>	06/01/94	SAM Office Registry	A greater application of ICAO form is required.	DAC AIS/MAP	ASAP	A

A6-17

Identification		Deficiencies			Corrective action				
Requirements	States/Facilities and services	Description	Notification Date		Remarks	Description	Executing Entity	Implementation Date	Priority
AIS/MAP	ECUADOR								
Annex 4 Chap. 13 Doc. 8733	AIS/MAP	<i>Requirement for production of ICAO Aerodrome/Heliport Chart.</i>	06/01/94		SAM Office Registry	WGS-84 geoidal undulations are required to be incorporated to these charts.	DAC AIS/MAP	ASAP	A
Annex 4 Chap. 16 y 17	AIS/MAP	<i>Requirement for elaboration of World Area Chart; and/or 1:500,000 scale aeronautical chart.</i>	06/01/94		SAM Office Registry	Elaboration of WAC chart is required and/or 1:500,000 scale chart, and through ICAO specifications is required, as well as the sheets index established for each State.	DAC AIS/MAP	ASAP	B

REPORT FORM ON AIR NAVIGATION DEFICIENCIES IN THE AIS/MAP FIELD IN THE SAM REGION

Identification		Deficiencies			Corrective action			
Requirements	States/Facilities and services	Description	Notification Date	Remarks	Description	Executing Entity	Implementation Date	Priority
AIS/MAP	FRENCH GUIANA							
Annex 15; Chapter. 3.2	AIS/MAP	<i>Quality System (QS) requirement and Quality Assurance (QA) procedures in AIS.</i>	01/01/98		Need to implement QS and QA in AIS.	DAC AIS	ASAP	A
Annex 15; Chapter. 4.1	AIS	<i>Requirement for publication of a re-structured AIP.</i>	25/4/96	ICAO SAM Office Registry	It would be very convenient that the AIP be published in small format.	DAC AIS	ASAP	B
Annex 15; Chapter. 6	AIS	<i>Requirement of effective application of the AIRAC system.</i>	01/11/94 25/04/96	ICAO SAM Office Registry. GREPECAS & AIS/SG Reports	Need to effectively comply with all the requirements applicable to the AIRAC system.	DAC AIS	ASAP	A
Annex 15; Chapter. 8.3 Doc. 8733	AIS	<i>Requirement on post-flight information availability.</i>	18/09/96	ICAO SAM Office Registry	Greater level or coordination among ATS, AIS and crews is required.	DAC	ASAP	A
Annex 4 Chapter. 5 Doc. 8733, Table AIS 6	AIS/MAP	<i>Requirement on elaboration of ICAO Aerodrome Obstacles Chart Type-C.</i>	06/01/94	ICAO SAM Office Registry	Need for production of ICAO aerodrome obstacle charts, Type C, as required.	DAC AIS/MAP	ASAP	B

Identification		Deficiencies			Corrective action			
Requirements	States/Facilities and services	Description	Notification Date	Remarks	Description	Executing Entity	Implementation Date	Priority
AIS/MAP	FRENCH GUIANA							
Annex 4 Chapter. 7 Doc. 8733, Para 59 & 64. FASID, Table AIS 6	AIS/MAP	<i>Requirement of elaboration of ICAO En-route air navigation Charts.</i>	18/09/96	ICAO SAM Office Registry	Greater application of ICAO form is required.	DAC AIS/MAP		B
Annex 4 Chapter. 11 DOC. 8733, Para 59 & 64. FASID, Table AIS 6	AIS/MAP	<i>Requirement of elaboration of ICAO Instrument Approach Charts.</i>	06/01/94	ICAO SAM Office Registry	Greater application of ICAO form is required.	DAC AIS/MAP	ASAP	A
Annex 4 Chapter. 16 Appendix 5 DOC. 8733, Para 61 & 63. FASID, Table AIS 7 Chart AIS 2.	AIS/MAP	<i>Requirement of elaboration of World Aeronautical Chart (WAC); and/or 1:500,000 scale aeronautical chart</i>	06/01/94	ICAO SAM Office Registry	Need for the elaboration of World Aeronautical Chart, in accordance with the index sheet established by ICAO for each State.	DAC AIS/MAP	ASAP	B

REPORT FORM ON AIR NAVIGATION DEFICIENCIES IN THE AIS/MAP FIELD IN THE SAM REGION

Identification		Deficiencies			Corrective action			
Requirements	States/Facilities and services	Description	Notification Date	Remarks	Description	Executing Entity	Implementation Date	Priority
AIS/MAP	GUYANA							
Annex 15; Chap. 3.2	AIS/MAP	<i>Requirement for Quality System (QS) and Quality Assurance Procedures (QA) in AIS</i>	01/01/98		Need to implement QS and QA in AIS	DAC AIS	ASAP	A
Annex 15; Chap 3.6.4 Annex 4 Chap. 2	AIS/MAP	<i>Requirement for implementation of WGS-84 System</i>	01/01/98	ICAO SAM Office Registry.	Need for implementation of the WGS-84 System. Coordination with States to public common FIRs boundaries coordinates.	DAC AIS/MAP	ASAP	A
Annex 15; Chap. 3.6.6 Doc. 8733	AIS	<i>Requirement for use of automated systems in AIS services.</i>	15/07/01	ICAO SAM Office Registry	Implementation of NOTAM Data Banks (NASCs) and AIS Data Bases in AIS.	DAC	ASAP	A
Annex 15; Chap. 4.1, Doc. 8733	AIS	<i>Requirement for publication of a re-structured AIP.</i>	25/4/96	ICAO SAM Office Registry	Need to complete the information required. Prepare and include all the aeronautical charts required.	DAC AIS	ASAP	A

Identification		Deficiencies			Corrective action			
Requirements	States/Facilities and services	Description	Notification Date	Remarks	Description	Executing Entity	Implementation Date	Priority
Annex 15; Chap. 4.2.8 Doc. 8733	AIS	<i>Requirement for implementation of AIRAC System.</i>	25/04/96	ICAO SAM Office Registry	The system is required to be implemented as required, mainly comply with the AIRAC NIL requirement	DAC	ASAP	A
Doc. 8733	AIS/NOF	<i>Requirement for provision of services in NOTAM International Offices (NOF) on a 24-hours basis.</i>	25/04/96	ICAO SAM Office Registry	Need to incorporate greater amount of personnel to meet the provision of an effective service during 24 hours a day.	DAC	ASAP	A
Doc. 8733	AIS/NOF	<i>Requirement for effective promulgation and control of NOTAM.</i>	25/04/96	ICAO SAM Office Registry	Better control of abroad information. Avoid that NOTAMS are effective <i>for more than 3 consecutive months (use the NOTAM initiation system)</i>	AIS	ASAP	A
Annex 15; Chap. 7	AIS	<i>Requirement for promulgation of AIC.</i>	01/11/94 25/04/96	ICAO SAM Office Registry	Need for an effective use of the AIC, as per requirements established for such purposes.	DAC AIS	ASAP	B

Identification		Deficiencies			Corrective action			
Requirements	States/Facilities and services	Description	Notification Date	Remarks	Description	Executing Entity	Implementation Date	Priority
AIS/MAP	GUYANA							
Annex 15; Chap. 8 Doc. 8733	AIS	<i>Requirement for implementation of AIS dependencies at international aerodromes.</i>	19/05/98	ICAO SAM Office Registry	This requirement needs to be satisfied for the Timehri International airport.	DAC	ASAP	A
Annex 15; Chap. 8 Doc. 8733	AIS	<i>Requirement for provision of pre-flight information service at international aerodromes.</i>	18/09/96	ICAO SAM Office Registry	Need for effective provision of pre-flight information, inclusive provision of PIB bulletins, as prescribed.	DAC AIS	ASAP	A
Annex 15; Chap 8.3 Doc. 8733	AIS	<i>Requirement of post-flight information availability.</i>	18/09/96	ICAO SAM Office Registry	A greater level of ATS, AIS and crews coordination level is required.	DAC	ASAP	A
Annex 4 Chap. 2.18 Doc. 8733	AIS/MAP	<i>Requirement for elaboration of aeronautical charts based on WGS-84 system.</i>	01/01/98	ICAO SAM Office Registry	Need to elaborate all required aeronautical charts, based in the WGS-84 reference geodetic system.	DAC AIS/MAP	ASAP	A
Annex 4 Chap. 3 Doc. 8733	AIS/MAP	<i>Requirement for production in ICAO Aerodromes Obstacle Chart – Type A.</i>	06/01/94	ICAO SAM Office Registry	Need for an effective elaboration of ICAO aerodrome obstacle charts, Type A, as prescribed.	DAC AIS/MAP	ASAP	A

Identification		Deficiencies			Corrective action			
Requirements	States/Facilities and services	Description	Notification Date	Remarks	Description	Executing Entity	Implementation Date	Priority
AIS/MAP	GUYANA							
Annex 4 Chap. 5 Doc. 8733	AIS/MAP	<i>Requirement of ICAO Aerodrome Obstacle Chart Type C.</i>	06/01/94	ICAO SAM Office Registry	Need for elaboration of ICAO aerodrome obstacle chart Type C, as prescribed.	DAC AIS/MAP	ASAP	B
Annex 4 Chap. 7 Doc. 8733	AIS/MAP	<i>Requirement for elaboration of ICAO en-route air navigation Charts.</i>	18/09/96	ICAO SAM Office Registry	Production of this chart is required under WGS-84	DAC AIS/MAP		B
Annex 4 Chap. 11	AIS/MAP	<i>Requirement for elaboration of ICAO Instrument Approach Charts.</i>	06/01/94	ICAO SAM Office Registry.	Need to produce instrument approach charts under WGS-84 Greater application of ICAO form is required.	DAC AIS/MAP	ASAP	A
Annex 4 Chap. 13 Doc. 8733	AIS/MAP	<i>Requirement for elaboration of ICAO Aerodrome / Heliport Chart.</i>	06/01/94	ICAO SAM Office Registry	Need to elaborate these charts under WGS-84, and incorporating WGS-84 geoidal undulations.	DAC AIS/MAP	ASAP	A
Annex 4 Chap. 16. 17 Doc. 8733	AIS/MAP	<i>Requirement of elaboration of the World Aeronautical Chart (WAC); and/or 1:500,000 scale aeronautical chart.</i>	06/01/94	ICAO SAM Office Registry	The production of the WAC and/or 1:500,000 scale chart is required under WGS-84; and through ICAO specifications.	DAC AIS/MAP	ASAP	B

REPORT FORM ON AIR NAVIGATION DEFICIENCIES IN THE AIS/MAP FIELD IN THE SAM REGION

Identification		Deficiencies			Corrective action			
Requirements	States/Facilities and services	Description	Notification Date	Remarks	Description	Executing Entity	Implementation Date	Priority
AIS/MAP	PANAMÁ							
Annex 15; Chap. 3.2	AIS/MAP	<i>Requirement of Quality System (QS) and Quality Assurance (QA) in AIS</i>	01/01/98	ICAO SAM Office Registry	Need to implement QS and QA in AIS	DAC AIS	ASAP	A
Annex 15; Chap. 3.6.4 Annex 4 Chap. 2.18	AIS/MAP	<i>Requirement for implementation of WGS-84 System.</i>	01/01/98	ICAO SAM Office Registry	Need to implement WGS-84 System. Coordination with States to publish common FIRs boundaries coordinates.	DAC AIS/MAP	Jan. 2000	A
Annex 15; Chap. 3.6.6 Chap 8.3	AIS	<i>Requirement for use of automated systems in AIS services.</i>	15/07/01	ICAO SAM Office Registry.	Implementation of NOTAM Data Banks (NASCs) and AIS Data Bases in AIS.	DAC	2001	A
Doc. 8733	AIS/NOF	<i>Requirement for provision of service in NOTAM International Offices (NOF) on a 24-hour basis. .</i>	25/04/96	ICAO SAM Office Registry.	Greater amount of qualified personnel should be assigned to AIS for an effective 24-hour basis service provision	DAC	ASAP	A
Annex 15; Chap. 8 Doc. 8733	AIS	<i>Requirement for provision of pre-flight information services at international aerodromes.</i>	18/09/96	ICAO SAM Office Registry.	Need for effective provision of pre-flight information services, inclusive provision of PIB bulletins, as required.	DAC AIS	ASAP	A

Identification		Deficiencies			Corrective action			
Requirements	States/Facilities and services	Description	Notification Date	Remarks	Description	Executing Entity	Implementation Date	Priority
AIS/MAP	PANAMÁ							
Annex 15; Chap. 8.3 Doc. 8733	AIS	<i>Requirement on post-flight information availability.</i>	18/09/96	ICAO SAM Office Registry.	A greater level of coordination among ATS, AIS and crewmembers is required.	DAC	ASAP	A
Annex 4 Chap. 2.18 Doc. 8733	AIS/MAP	<i>Requirement for elaboration of WGS-84 based aeronautical charts.</i>	01/01/98	ICAO SAM Office Registry.	Need to produce required aeronautical charts, based on the WGS-84 reference system	DAC AIS/MAP	ASAP	A
Annex 4 Chap. 3 Doc. 8733	AIS/MAP	<i>Requirement for elaboration of ICAO Aerodrome Obstacle Chart Type A.</i>	06/01/94	ICAO SAM Office Registry.	Need for elaboration of ICAO Aerodrome Obstacle Charts, Type A, for all international aerodromes.	DAC AIS/MAP	ASAP	A
Annex 4 Chap. 5 DOC. 8733	AIS/MAP	<i>Requirement for elaboration of ICAO Aerodrome Obstacles Chart Type C.</i>	06/01/94	ICAO SAM Office Registry.	Need for elaboration of ICAO Aerodrome Obstacles Chart - Type C, as prescribed.	DAC AIS/MAP	ASAP	B
Annex 4 Chap. 11 Doc. 8733	AIS/MAP	<i>Requirement for elaboration of ICAO Instrument Approach Charts.</i>	06/01/94	ICAO SAM Office Registry.	Greater application of ICAO format is required.	DAC AIS/MAP	ASAP	A

Identification		Deficiencies			Corrective action				
Requirements	States/Facilities and services	Description	Notification Date		Remarks	Description	Executing Entity	Implementation Date	Priority
AIS/MAP	PANAMÁ								
Annex 4 Chap. 16 y 17	AIS/MAP	<i>Requirement for elaboration of World Aeronautical Chart (WAC); and/or 1:500,000 scale aeronautical chart.</i>	06/01/94		ICAO SAM Office Registry.	Elaboration of WAC/ and/or 1:500,000 scale chart is required, and through ICAO specifications and sheets index established for each State	DAC AIS/MAP	ASAP	B

REPORT FORM ON AIR NAVIGATION DEFICIENCIAS IN THE AIS/MAP FIELD IN THE SAM REGION

Identification		Deficiencies			Corrective action			
Requirements	States/ Facilities and Services	Description	Notification Date	Remarks	Description	Executing Entity	Implementatio n Date	Priority
AIS/MAP	PARAGUAY							
Annex 15; Chapter 3.2	AIS/MAP	<i>Quality System (QS) requirement and Quality Assurance (QA) procedures in AIS.</i>	01/01/98		Need to implement QS and QA in AIS	DAC AIS	ASAP	A
Annex 15; Chapter 3.6.1	AIS	<i>English language requirement in AIS publications.</i>	19/05/98	Registry of the SAM RO	Need to use the English language for texts in clear language for AIS publications.	DAC AIS	ASAP	A
Annex 15; Chapter 3.6.4 Annex 4 Chapter 2 Doc. 8733	AIS/MAP	<i>WGS-84 System implementation requirement.</i>	01/01/98	Registry of the SAM RO	Need to implement the WGS-84 System. Coordination with States to publish common coordinates FIRs boundaries.	DAC AIS/MAP	ASAP	A
Annex 15; Chapter 3.6.6 Cap 8.3 Doc. 8733	AIS	<i>Requirement for the use of automated system in AIS services.</i>	15/07/01	Registry of the SAM RO	Implementation of NOTAM Data Bank (NASCs) and AIS Data Bank Bases in AIS.	DAC	ASAP	A
Annex 15; Chapter 4.1 Doc. 8733	AIS	<i>Requirement for publication of the restructured AIP.</i>	25/4/96	Registry of the SAM RO	Need to publish the AIP Document, according to the new	DAC AIS	ASAP	A

Identification		Deficiencies			Corrective action			
Requirements	States/ Facilities and Services	Description	Notification Date	Remarks	Description	Executing Entity	Implementatio n Date	Priority
AIS/MAP	PARAGUAY							
					structure, established for that purpose.			
Annex 15; Cap 4.2.8 Doc. 8733	AIS	<i>AIRAC System implementation requirement.</i>	25/04/96	Registry of the SAM RO	Need for a greater follow-up to the AIRAC System, inclusive to the regular AIRAC NIL publication.	DAC	ASAP	A
Doc. 8733	AIS/NOF	<i>Requirement for effective promulgation and control of NOTAM.</i>	25/04/96	Registry of the SAM RO	Need for an effective control of the NOTAM information. The starting NOTAM system is not complied.	AIS	ASAP	A
Annex 15; Chapter 5.1.1.5	AIS/NOF	<i>Requirement for promulgation and control of NOTAM with 7 days in advance for air space restriction.</i>	25/4/96	Registry of the SAM RO	Need for a better and effective Civil/Military coordination.	DAC	ASAP	U
Annex 15; Chapter 8 Doc. 8733	AIS	<i>Requirement for pre-flight service provision at international airports.</i>	18/09/96	Registry of the SAM RO	Need for an effective pre-flight information service provision, inclusive the provision of PIB bulletins, as per required.	DAC AIS	ASAP	A
Annex 15; Chapter 8.3	AIS	<i>Requirement for post-flight information availability.</i>	18/09/96	Registry of the SAM RO	A greater coordination level among the ATS, AIS and the	DAC	ASAP	A

Identification		Deficiencies			Corrective action			
Requirements	States/ Facilities and Services	Description	Notification Date	Remarks	Description	Executing Entity	Implementatio n Date	Priority
AIS/MAP	PARAGUAY							
Doc. 8733					crewmembers is required.			
Annex 4 Cap 2.18 Doc. 8733	AIS/MAP	<i>Requirement for elaboration of aeronautical charts based on the WGS-84 system.</i>	01/01/98	Registry of the SAM RO	Need to elaborate all aeronautical charts required, based on the referred WGS-84 geodetic system.	DAC AIS/MAP	ASAP	A
Annex 4 Chapter 5 Doc. 8733	AIS/MAP	<i>Requirement for elaboration of the Aerodrome Obstacle Chart - ICAO Type C.</i>	06/01/94	Registry of the SAM RO	Need to elaborate the ICAO Aerodrome Obstacle Chart –Type C, as prescribed.	DAC AIS/MAP	ASAP	B
Annex 4 Chapter 7 Doc. 8733	AIS/MAP	<i>Requirement for elaboration of ICAO En-route Navigation Charts.</i>	18/09/96	Registry of the SAM RO	The elaboration of this chart under WGS-84, is required	DAC AIS/MAP		B
Annex 4 Chapter 11 Doc. 8733	AIS/MAP	<i>Requirement for elaboration of ICAO Instrument Approach Charts.</i>	06/01/94	Registry of the SAM RO	A greater application of the ICAO format is required. Need to elaborate this chart under WGS-84.	DAC AIS/MAP	ASAP	A
Annex 4 Chapter 13 Doc. 8733	AIS/MAP	<i>Requirement for elaboration of the ICAO Aerodrome / Heliport Chart.</i>	06/01/94	Registry of the SAM RO.	Incorporation of WGS-84 geoidal undulations to these charts is required.	DAC AIS/MAP	ASAP	A

Identification		Deficiencies			Corrective action			
Requirements	States/ Facilities and Services	Description	Notification Date	Remarks	Description	Executing Entity	Implementatio n Date	Priority
 AIS/MAP	 PARAGUAY							
Annex 4 Chapter 16 y 17 Doc. 8733	AIS/MAP	<i>Requirement for elaboration of the World Aeronautical Chart (WAC) and/or the 1:500,000 scale aeronautical chart.</i>	06/01/94	Registry of the SAM RO	Elaboration of the WAC/ chart and/or 1:500,000 under the WGS-84, and through the ICAO specifications and the pages index established for each State.	DAC AIS/MAP	ASAP	B

REPORT FORM ON AIR NAVIGATION DEFICIENCIES IN THE AIS/MAP FIELD IN THE SAM REGION

Identification		Deficiencies				Corrective Action			
Requirements	States/Facilities and Services	Description	Notification Date		Remarks	Description	Executing Body	Implementation Date	Priority
AIS/MAP	PERU								
Annex 15; Chapter 3.2	AIS/MAP	<i>Quality System (QS) requirement and Quality Assurance (QA) procedures in AIS.</i>	01/01/98			Need to implement QS and QA in AIS.	DAC AIS	ASAP	A
Annex 15; Chapter 3, Para. 3.6.1	AIS	<i>English language requirement in AIS publications.</i>	19/05/98		SAM RO Registry	Need to utilize English language for texts in clear language of AIS publications.	DAC AIS	ASAP	A
Annex 15; Chapter 3.6.4 Annex 4 Chapter 2.18 Doc. 8733	AIS/MAP	<i>WGS-84 System implementation requirement.</i>	01/01/98		SAM RO Registry	Publication of the WGS-84 geoidal undulation. Coordination with States to publish common coordinates FIRs boundaries.	DAC AIS/MAP	ASAP	A
Annex 15; Chapter 5.1.1.5	AIS/NOF	<i>Requirement for promulgation and control of NOTAM with 7 days in advance for air space restriction.</i>	25/4/96		SAM RO Registry	Need for a more effective Civil/Military coordination.	DAC	ASAP	U
Annex 15; Chapter 6 Doc. 8733	AIS	<i>Requirement for an effective application of the AIRAC system.</i>	01/11/94 25/04/96		SAM RO Registry	Need to a greater follow-up to the AIRAC System, inclusive the AIRAC NIL regular publication.	DAC AIS	ASAP	A

Identification		Deficiencies				Corrective Action			
Requirements	States/Facilities and Services	Description	Notification Date		Remarks	Description	Executing Body	Implementation Date	Priority
AIS/MAP	PERU								
Annex 15; Chapter 8 Doc. 8733	AIS	<i>Requirement of pre-flight service provision at international airports.</i>	18/09/96		SAM RO Registry	Need for an effective provision of pre-flight information services, inclusive provision of PIB bulletins, as required.	DAC AIS	ASAP	A
Annex 15; Chapter 8.3 Doc. 8733	AIS	<i>Requirement of post-flight information availability.</i>	18/09/96		SAM RO Registry	A greater level of coordination among ATS, AIS and crewmembers is required.	DAC	ASAP	A
Annex 4 Chapter 2.18 Doc. 8733	AIS/MAP	<i>Requirement for elaboration of aeronautical charts based on the WGS-84 system.</i>	01/01/98		SAM RO Registry	Need to elaborate all aeronautical charts required, based on the referred WGS-84 geodetical system.	DAC AIS/MAP	ASAP	A
Annex 4 Chapter 3 Doc. 8733	AIS/MAP	<i>Requirement for elaboration of ICAO Aerodrome Obstacle Chart – Type A.</i>	06/01/94		SAM RO Registry	The elaboration of these charts is required for the Iquitos, Pucallpa and Tacna. Need to incorporate to these charts the WGS-84 geoidal undulations.	DAC AIS/MAP	ASAP	A
Annex 4 Chapter 5 Doc. 8733	AIS/MAP	<i>Requirement for elaboration of ICAO Aerodrome Obstacle Chart – Type C.</i>	06/01/94		SAM RO Registry	Need to elaborate the ICAO aerodrome obstacle chart – Type C, as required.	DAC AIS/MAP	ASAP	B

Identification		Deficiencies				Corrective Action			
Requirements	States/Facilities and Services	Description	Notification Date		Remarks	Description	Executing Body	Implementation Date	Priority
AIS/MAP	PERU								
Annex 4 Chapter 6 Doc. 8733	AIS/MAP	<i>Requirement for elaboration of the ICAO Topographical Precision Approach Chart.</i>	18/09/96		SAM RO Registry	The elaboration of this chart is required for the Jorge Chavez International Airport.	DAC AIS/MAP	ASAP	A
Annex 4 Chapter 11 Doc. 8733	AIS/MAP	<i>Requirement for elaboration of the ICAO Instrument Approach Chart.</i>	06/01/94		SAM RO Registry	A larger application of the ICAO format is required.	DAC AIS/MAP	ASAP	A
Annex 4 Chapter 13 Doc. 8733	AIS/MAP	<i>Requirement for elaboration of the ICAO Aerodrome / Heliport Chart.</i>	06/01/94		SAM RO Registry	The WGS-84 geoidal undulations are required to be incorporated into these charts.	DAC AIS/MAP	ASAP	A
Annex 4 Chapter 16 y 17 Doc. 8733	AIS/MAP	<i>Requirement for elaboration of the World Aeronautical Chart (WAC) and/or the 1:500,000 scale Aeronautical Chart.</i>	06/01/94		SAM RO Registry	The WAC Chart elaboration and/or 1:500,000 under the WGS-84 and through the ICAO specifications, as well as the pages index established for each State, are required.	DAC AIS/MAP	ASAP	B

REPORT FORM ON AIR NAVIGATION DEFICIENCIES IN THE AIS FIELD IN THE SAM REGION

Identification		Deficiencies			Corrective action			
Requirements	States/facilities and services	Description	Notification Date	Remarks	Description	Executing Entity	Implementation Date	Priority
AIS/MAP	SURINAME							
Annex 15; Chapter 3.2	AIS/MAP	<i>Quality System (QS) requirement and Quality Assurance (QA) procedures in AIS.</i>	01/01/98		Need to implement QS and QA in AIS.	DAC AIS	ASAP	A
Annex 15; Chapter 3.6.4 Annex 4 Chapter 2.18. Doc. 8733	AIS	<i>WGS-84 System implementation requirement.</i>	01/01/98	SAM RO Registry	Need to implement the WGS-84 system. Coordination with States to publish common coordinates FIRs boundaries.	DAC AIS/MAP	ASAP	A
Annex 15; Chapter 3.6.6 Cap 8.3 Doc. 8733	AIS	<i>Requirement for use of automated systems in AIS services.</i>	15/07/01	SAM RO Registry	NOTAM (NASCs) Data Bank implementation and AIS Data Bank, in AIS.	DAC	ASAP	A

Identification		Deficiencies			Corrective action			
Requirements	States/facilities and services	Description	Notification Date	Remarks	Description	Executing Entity	Implementation Date	Priority
AIS/MAP	SURINAME							
Doc. 8733	AIS	<i>Requirement for service provision in the international NOTAM Offices, during 24 hours.</i>	25/04/96	SAM RO Registry	Need to provide the NOFs with the necessary resources for the provision of service during 24 hours.	DAC	ASAP	A
Doc. 8733	AIS	<i>Requirement for an effective NOTAM announcement and control</i>	25/04/96	SAM RO Registry	Need to: Avoid that the NOTAM remain effective for more than 3 consecutive months; utilize the starting NOTAM; and keep a better control of foreign information.	AIS	ASAP	A
Annex 15; Chapter 6 Doc. 8733, Para 47-49	AIS	<i>Requirement for an effective application of the AIRAC system.</i>	01/11/94 25/04/96	SAM RO Registry GREPECAS and AIS/SG Reports.	Need for all requirements applicable to the AIRAC system are complied in an effective way.	DAC AIS	ASAP	A
Annex 15; Chapter 8 Doc. 8733	AIS	<i>Requirement for implementation of AIS dependencies at the international aerodromes.</i>	19/05/98	SAM RO Registry	This type of facility should be implemented at the Zandery, Zorg in Hoop and Nickerie airports, as required.	DAC	ASAP	A
Annex 15; Chapter 8 Doc. 8733	AIS	<i>Requirement for pre-flight service provision at the international airports.</i>	18/09/96	SAM RO Registry	Need for an efficient provision of pre-flight information, inclusive PIB bulletins, as required.	DAC AIS	ASAP	A

Identification		Deficiencies			Corrective action			
Requirements	States/facilities and services	Description	Notification Date	Remarks	Description	Executing Entity	Implementation Date	Priority
AIS/MAP	SURINAME							
Annex 15; Chapter 8.3 Doc. 8733	AIS	<i>Requirement for post-flight information availability.</i>	18/09/96	SAM RO Registry	A larger level of coordination among ATS, AIS and crews is required.	DAC	ASAP	A
Annex 4 Chapter 5 Doc. 8733	AIS/MAP	<i>Requirement for elaboration of ICAO Obstacle Aerodrome Chart – Type C.</i>	06/01/94	SAM RO Registry	Need for elaboration of the ICAO Obstacle aerodrome Chart – Type C, as prescribed.	DAC AIS/MAP	ASAP	B
Annex 4 Chapter 7 Doc. 8733	AIS/MAP	<i>Requirement for elaboration of ICAO En-route navigation Charts.</i>	18/09/96	SAM RO Registry	Effective application of the ICAO requirements for the elaboration of the ICAO En-route charts. Elaboration of this chart under the WGS-84, is required.	DAC AIS/MAP		B
Annex 4 Chapter 11 Doc. 8733	AIS/MAP	<i>Requirement for elaboration of the ICAO Instruments Approach Charts.</i>	06/01/94	SAM RO Registry	Need to elaborate the Instruments Approach Charts, in accordance with the ICAO specifications, under the WGS-84.	DAC AIS/MAP	ASAP	A
Annex 4 Chapter 13 Doc. 8733	AIS/MAP	<i>Requirement for elaboration of the ICAO Aerodrome / Heliport Chart.</i>	06/01/94	SAM RO Registry	Its elaboration is required to be carried out under the WGS-84. Need to include the WGS-84 geoidal undulations to these charts.	DAC AIS/MAP	ASAP	A

Identification		Deficiencies			Corrective action			
Requirements	States/facilities and services	Description	Notification Date	Remarks	Description	Executing Entity	Implementation Date	Priority
AIS/MAP	SURINAME							
Annex 4 Chapter 16 y 17 Doc. 8733	AIS/MAP	<i>Requirement for elaboration of the World Aeronautical Chart and/or the 1:500,000 scale aeronautical chart.</i>	06/01/94	SAM RO Registry	It is required to elaborate the WAC chart / and/or 1:500,000 under the WGS-84 and through the ICAO specifications, as well as the pages index established for each State.	DAC AIS/MAP	ASAP	B

REPORT FORM ON AIR NAVIGATION DEFICIENCIAS IN THE AIS FIELD IN THE SAM REGION

Identification		Deficiencies			Corrective action			
Requirements	States/facilities and services	Description	Notification Date	Remarks	Description	Executing Entity	Implementation Date	Priority
AIS/MAP	URUGUAY							
Annex 15; Chapter 3.2	AIS/MAP	<i>Quality System (QS) requirement and Quality Assurance (QA) procedures in AIS.</i>	01/01/98		Need to implement QS and QA in AIS.	DAC AIS	ASAP	A
Annex 15; Chapter 3.6.1	AIS	<i>Requirement for use of the English language in AIS publications.</i>	19/05/98	SAM RO Registry	Need to utilize the English language for clear texts on AIS publications.	DAC AIS	ASAP	A
Annex 15; Chapter 3.6.4 Annex 4 Chapter 2.18. Doc. 8733	AIS/MAP	<i>WGS-84 System implementation requirement.</i>	01/01/98	SAM RO Registry	Need to publish the geoidal undulation regarding the positions subject of topographical lifting.	DAC AIS/MAP	ASAP	A
Annex 15; Chapter 3.6.6 Cap 8.3 Doc. 8733	AIS	<i>Requirement for use of automated systems in AIS services.</i>	15/07/01	SAM RO Registry	NOTAM (NASCs) Data Bank implementation and AIS Data Bank, in AIS.	DAC	ASAP	A
Annex 15; Chapter 4.1 Doc. 8733	AIS	<i>Requirement for publication of the restructured AIP.</i>	25/4/96	SAM RO Registry	It is required to elaborate and incorporate to the AIP aerodrome Section (AD) the ICAO Aerodrome Obstacles Charts Type A.	DAC AIS	ASAP	A

Identification		Deficiencies				Corrective action			
Requirements	States/facilities and services	Description	Notification Date		Remarks	Description	Executing Entity	Implementation Date	Priority
AIS/MAP	URUGUAY								
Doc. 8733	AIS/NOF	<i>Requirement for service provision in the international NOTAM Offices, during 24 hours.</i>	25/04/96		SAM RO Registry	Need to equip the NOFs with the necessary resources for a 24-hour service provision.	DAC	ASAP	A
Doc. 8733, Para 43-44.	AIS/NOF	<i>Requirement for an effective NOTAM promulgation and control.</i>	25/04/96		SAM RO Registry	Need to implement the initiation NOTAM concept, as required.	AIS	ASAP	A
Annex 15; Chapter 5.1.1.5	AIS/NOF	<i>Requirement for NOTAM promulgation with 7 days in advance for airspace restriction.</i>	25/4/96		SAM RO Registry	Need for a more effective Civil/Military coordination.	DAC	ASAP	U
Annex 15; Chapter 8 Doc. 8733	AIS	<i>Requirement for AIS dependencies at international aerodromes.</i>	19/05/98		SAM RO Registry	Need to implement this type of facility in all international airports, except for the Carrasco international airport.	DAC	ASAP	A
Annex 15; Chapter 8 Doc. 8733	AIS	<i>Requirement for pre-flight service provision at international aerodromes.</i>	18/09/96		SAM RO Registry.	Need for an effective pre-flight information service, inclusive the provision of the PIB bulletins, as required.	DAC AIS	ASAP	A
Annex 15; Chapter 8.3 Doc. 8733	AIS	<i>Requirement for post-flight information availability.</i>	18/09/96		SAM RO Registry.	A larger level of coordination among ATS, AIS and crew members is required.	DAC	ASAP	A

Identification		Deficiencies				Corrective action			
Requirements	States/facilities and services	Description	Notification Date		Remarks	Description	Executing Entity	Implementation Date	Priority
AIS/MAP	URUGUAY								
Annex 4 Chapter 2.18 Doc. 8733	AIS/MAP	<i>Requirement for elaboration of aeronautical charts based on the WGS-84 system.</i>	01/01/98		SAM RO Registry.	Need to elaborate and publish the VFR aeronautical charts under the WGS-84 system, as well as to coordinate with the neighbouring States to adjust the FIRs coordinates boundaries.	DAC AIS/MAP	ASAP	A
Annex 4 Chapter 3 Doc. 8733	AIS/MAP	<i>Requirement for elaboration of ICAO Obstacle Aerodrome Chart – Type A.</i>	06/01/94		SAM RO Registry.	Need to carry out a study of obstacles at the Artigas, Colonia, Durazno, Maldonado and Montevideo airports, and seek the need to elaborate these charts.	DAC AIS/MAP	ASAP	A
Annex 4 Chapter 5 Doc. 8733	AIS/MAP	<i>Requirement for elaboration of ICAO Obstacle Aerodrome Chart – Type C.</i>	06/01/94		SAM RO Registry.	Need to elaborate the ICAO aerodrome obstacle chart – Type C, as required.	DAC AIS/MAP	ASAP	B
Annex 4 Chapter 13 Doc. 8733	AIS/MAP	<i>Requirement for elaboration of the ICAO Aerodrome / Heliport Chart.</i>	06/01/94		SAM RO Registry.	Need to add WGS-84 geoidal undulations in these charts.	DAC AIS/MAP	ASAP	A

Identification		Deficiencies			Corrective action			
Requirements	States/facilities and services	Description	Notification Date	Remarks	Description	Executing Entity	Implementation Date	Priority
AIS/MAP	URUGUAY							
Annex 4 Chapter 16 y 17 Doc. 8733	AIS/MAP	<i>Requirement for elaboration of the World Aeronautical Chart and/or the 1:500,000 scale aeronautical chart.</i>	06/01/94	SAM RO Registry.	Need to elaborate this WAC chart/ and/or 1:500,000 under the WGS-84, and through ICAO specifications and page index for each State.	DAC AIS/MAP	ASAP	B

REPORT FORM ON AIR NAVIGATION DEFICIENCIAS IN THE AIS FIELD IN THE SAM REGION

Identification		Deficiencies			Corrective action			
Requirements	States/facilities and services	Description	Notification Date	Remarks	Description	Executing Entity	Implementation Date	Priority
AIS/MAP	VENEZUELA							
Annex 15; Chapter 3.2	AIS/MAP	<i>Quality System (QS) requirement and Quality Assurance (QA) procedures in AIS.</i>	01/01/98		Need to implement QS and QA in AIS.	DAC AIS	ASAP	A
Annex 15; Chapter 3.6.1	AIS	<i>Requirement for use of the English language in AIS publications.</i>	18/09/96 19/05/98	SAM RO Registry	Need to utilize the English language for clear texts on AIS publications.	DAC AIS	ASAP	A
Annex 15; Cap3.6.4 Annex 4 Chapter 2.18. Doc. 8733	AIS/MAP	<i>WGS-84 System implementation requirement.</i>	01/01/98	SAM RO Registry	Need to implement the WGS-84 system. Coordination with States to publish common coordinates FIRs boundaries.	DAC AIS/MAP	ASAP	A
Annex 15; Chapter 3.6.6 Cap. 8.3	AIS	<i>Requirement for use of automated systems in AIS services.</i>	15/07/01	SAM RO Registry	NOTAM (NASCs) Data Bank implementation and AIS Data Bank, in AIS.	DAC	ASAP	A
Annex 15; Chapter 4.1 Doc. 8733	AIS	<i>Requirement for publication of the restructured AIP.</i>	25/4/96	SAM RO Registry	Need to publish the AIP in accordance with the new structure established for that purpose.	DAC AIS	ASAP	A

Identification		Deficiencies			Corrective action			
Requirements	States/facilities and services	Description	Notification Date	Remarks	Description	Executing Entity	Implementation Date	Priority
AIS/MAP	VENEZUELA							
Doc. 8733	AIS/NOF	<i>Requirement for service provision in the international NOTAM Offices, during 24 hours.</i>	25/04/96	SAM RO Registry	Need to equip the NOTAM (NOF) Office with AFTN terminal units, which enable direct communication channels.	DAC	ASAP	A
Doc. 8733	AIS/NOF	<i>Requirement for an effective NOTAM promulgation and control.</i>	25/04/96	SAM RO Registry	Avoid that the NOTAM remain effective for more than 3 consecutive months. Utilize the NOTAM initiation system.	AIS	ASAP	A
Annex 15; Chapter 5.1.1.5	AIS/NOF	<i>Requirement for NOTAM promulgation with 7 days in advance for airspace restriction.</i>	25/4/96	SAM RO Registry	Need for a more effective Civil/military coordination.	DAC	ASAP	U
Annex 15; Chapter 6 Doc. 8733	AIS	<i>Requirement for an effective application of the AIRAC system.</i>	25/04/96	SAM RO Registry	Need for a closer follow-up to the AIRAC system, inclusive the AIRAC NIL regular publication.	DAC AIS	ASAP	A
Annex 15; Chapter 8.3 Doc. 8733	AIS	<i>Requirement for post-flight information availability.</i>	18/09/96	SAM RO Registry	A larger level of coordination among ATS, AIS and crewmembers is required.	DAC	ASAP	A

Identification		Deficiencies			Corrective action			
Requirements	States/facilities and services	Description	Notification Date	Remarks	Description	Executing Entity	Implementation Date	Priority
AIS/MAP	VENEZUELA							
Annex 4 Chapter 2.18 Doc. 8733	AIS/MAP	<i>Requirement for elaboration of aeronautical charts based on the WGS-84 system.</i>	01/01/98	SAM RO Registry	Need to elaborate all aeronautical charts required, based on the referred WGS-84 geodetical system.	DAC AIS/MAP	ASAP	A
Annex 4 Chapter 3 Doc. 8733	AIS/MAP	<i>Requirement for elaboration of ICAO Obstacle Aerodrome Chart – Type A.</i>	06/01/94	SAM RO Registry	<i>It is required to prepare this series of letters for all international airports, as well as prepare them under the WGS-84 system.</i>	DAC AIS/MAP	ASAP	A
Annex 4 Chapter 7 Doc. 8733	AIS/MAP	<i>Requirement for elaboration of ICAO En-route navigation Charts.</i>	18/09/96	SAM RO Registry	Effective application of the ICAO requirements for the elaboration of the ICAO en-route charts, under the WGS-84.	DAC AIS/MAP	ASAP	B
Annex 4 Chapter 11 Doc. 8733	AIS/MAP	<i>Requirement for elaboration of the ICAO Instruments Approach Charts.</i>	06/01/94	SAM RO Registry GREPECAS and AIS/SG Reports	It is required to elaborate these charts in accordance with the ICAO requirements and under the WGS-84.	DAC AIS/MAP	ASAP	A
Annex 4 Chapter 13 Doc. 8733	AIS/MAP	<i>Requirement for elaboration of the ICAO Aerodrome / Heliport Chart.</i>	06/01/94	SAM RO Registry	Need for an effective elaboration of this chart. The WGS-84 geoidal undulations should be included in these charts.	DAC AIS/MAP	ASAP	A

Identification		Deficiencies			Corrective action			
Requirements	States/facilities and services	Description	Notification Date	Remarks	Description	Executing Entity	Implementation Date	Priority
AIS/MAP	VENEZUELA							
Annex 4 Chapter 16 y 17 Doc. 8733	AIS/MAP	<i>Requirement for elaboration of the World Aeronautical Chart and/or the 1:500,000 scale aeronautical chart.</i>	06/01/94	SAM RO Registry	Need to elaborate this WAC chart/ and/or 1:500,000 under the WGS-84, and through ICAO specifications and page index for each State.	DAC AIS/MAP	ASAP	B

