



Agenda Item 1: Actions adopted by the AIM/SG/13 meeting

1.1 Review of the actions adopted by the GREPECAS AIM/SG/13 meeting

SUMMARY OF THE AIM/SG/13 MEETING REPORT

(Presented by the Secretariat)

Summary	
This working paper presents a summary of the discussions of the AIM Subgroup and the action adopted at its thirteenth meeting concerning the new work methodology of GREPECAS.	
References: <ul style="list-style-type: none">• AIM/SG/13 meeting report. Mexico City, Mexico, 19 to 21 July 2011.	
ICAO strategic objectives:	<i>A – Safety</i> <i>C – Environmental protection</i>

1 Background

1.1 The thirteenth meeting of the GREPECAS Aeronautical Information Management Subgroup (AIM/SG/13) was held at the facilities of the ICAO NACC Regional Office in Mexico City, Mexico, on 19-21 July 2011.

1.2 The AIM Subgroup was informed about the new programme- and project-based organisation and work methodology adopted by GREPECAS/16. According to this new work methodology, Regional Officers will act as programme coordinators, and State officials will act as project coordinators and experts in the development and fulfilment of tasks, applying a project management methodology.

2 Discussion

2.1 The AIM/SG/13 meeting identified 3 AIM projects and a minimum number of core tasks that could serve as the basis for the development of projects, taking into account the AIS-to-AIM transition roadmap. These projects will be specifically discussed in another working paper.

2.2 Similarly, the AIM/SG/13 meeting proposed 3 draft conclusions that the GREPECAS Secretariat circulated to the States for their approval through the GREPECAS fast-track mechanism, with a view to reducing the time to their implementation.

3. **Suggested action**

3.1 The Meeting is invited to:

- 1) review the summary of the AIM/SG/13 meeting report shown in **Appendix A** to this working paper; and
- 2) make the comments it deems appropriate on the action taken by the AIM Subgroup.

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APPENDIX A

Summary Meeting AIM/SG/13

The Thirteenth Meeting of the GREPECAS Aeronautical Information Management Subgroup (AIM/SG/13) was held at the premises of the ICAO NACC Regional Office in Mexico City, Mexico, from 19 to 21 July 2011.

Follow-up on Actions Adopted by the GREPECAS/16 Meeting

The Meeting was informed on the new organisation and work methodology adopted by GREPECAS based in Programmes and Projects, designating the CAR and SAM Regional Officers as programme coordinators, the Officers from CAR and SAM States as project coordinators and officers from CAR and SAM States as experts for the development and implementation of project tasks. All of this under a method scheme based on Project Management.

Considering GREPECAS Conclusion 16/49 – *Contribution from States to the GREPECAS Resources* the Secretariat emphasized the meeting about the importance that States provide the necessary qualified human resources to participate and to release them from their normal duties for the three initial projects defined for the AIM Programme.

Also, the Meeting was informed by the Secretariat about the bilingual course on GREPECAS Project Management Training, addressed to the ICAO coordinators designated to the programmes and to the coordinators from the CAR/SAM Region States assigned to the projects, in order to facilitate their management. This course is planned to be held in the ICAO SAM Regional Office from 7 to 11 November 2011.

Taking into consideration the aforementioned, the meeting participants expressed their concern to the Secretariat about the closeness of the dates for the course mentioned in the previous paragraph and requested that it be reconsidered to be modified and moved to the first quarter of 2012, thus allowing CAR and SAM States to plan their participation and guarantee their attendance.

Review of the Reports of the AIM Subgroup Task Forces

Fifth Meeting of the AIM Quality Management Task Force (AIM/QM/TF/5)

The Meeting took note of the Fifth Meeting of the AIM Quality Management Task Force (AIM QM/TF/5) was held in Santo Domingo, Dominican Republic, 18 to 22 October 2010.

In order to consolidate Phase 1 of the Transition from AIS to AIM Roadmap it was necessary to request the Secretariat to forward the following Draft Conclusion to the GREPECAS fast track mechanism:

DRAFT**CONCLUSION 13/1 HIGH PRIORITY TO THE IMPLEMENTATION OF THE QUALITY MANAGEMENT SYSTEM IN AIM (QMS)**

The CAR/SAM Regions States and Territories who have not yet implemented the AIM Quality Management System are urged to:

- a) consider giving the highest priority in their Administration to the requirement contained in ICAO Annex 15, and to take urgent actions for its implementation and later certification;
- b) establish a date for the implementation of QMS in AIM no later than **31 December 2012**; and
- c) send reports on the progress of the QMS implementation in the **months of June and December** of each year to the correspondent ICAO CAR or SAM Regional Office.

By analyzing the tasks that would remain outstanding following the disintegration of the Task Force resulted from the implementation of the new GREPECAS methodology, the meeting deemed appropriate that they be considered as activities to be developed under **Project G3**.

AIM Geographic Information System Task Force (AIM/GIS/TF/1)

While analyzing the report of the First Meeting of the AIM Geographic Information System Task Force (AIM/GIS/TF/1), held in Rio de Janeiro, Brazil, 21 to 25 March 2011, the Meeting approved the report and regarding the Decisions adopted by the GIS Task Force it was deemed appropriate that they be analyzed by the corresponding Programme Coordinators from both Regional Offices and by the corresponding Project Coordinators in order to recommend its inclusion as part of the tasks for **Project G2**.

Preparation of projects under the AIM

The Secretariat clarified that the Projects represent high-level activities and that the tasks involved are an initial approach for the progress in the AIS to AIM transition based on the ICAO AIS to AIM Transition Roadmap and within the context of performance-based air navigation implementation. The Meeting approved three main Projects and included a proposal of initial tasks under the AIM Programme (G).

The meeting was informed about the difficulties that would represent to States to work in the conceptual models without ICAO SARPs. Considering this, the following Draft Conclusion is proposed to be forwarded to the GREPECAS fast track mechanism:

DRAFT**CONCLUSION 13/2 NEED TO ACCELERATE THE ADOPTION OF SARPS AND GUIDANCE MATERIAL REGARDING THE CONCEPTUAL MODELS AND FOR AERONAUTICAL DATA/INFORMATION EXCHANGE**

That, the GREPECAS Secretary elevates to ICAO Headquarters the concern about the need to accelerate the adoption of standards and recommended practices (SARPs) and guidance material in English and Spanish, such as Doc

9881, the AIM Quality Manual, the AIM Training Manual, as well as those related with the aeronautical information exchange and conceptual models to become official documents to be homogeneously implemented by all member States and allow the development and implementation of these models in a trustworthy and safe environment.

Designation of State officers as coordinators and experts for projects

Regarding the designation of experts from the SAM Region, the Meeting was informed that the South American States present during the Meeting, as well as Uruguay, who was contacted via e-mail, expressed their interest to collaborate as Project Coordinators and Experts. However, the names of the officers will be coordinated in the future between the corresponding administrations and the South American Regional Office, taking into account the limitation of human and economic resources of the Administrations.

Other Issues

The Meeting observed that among the Phase 1 roadmap steps there is the implementation of quality programmes, which will ensure the data quality that will serve the final user. Taking this into account, it is a matter of priority that ISO 19100 series of standards are fully implemented regarding the geographic data quality.

In addition, it was acknowledged that within the framework of geographical-cartographical information and in accordance with current civil aviation needs, it is required to adopt a Quality Management System in order to establish a continuous improvement within cartographic organizations and the user community, thus enabling them to understand the characteristics and potential of the cartographic product they use.

The International Standards Association (ISO) 211 Technical Committee 211 has developed applicable regulations to geographical data. In particular, ISO standards 19113 and 19114 have been created with the purpose of conceptualizing, measuring and managing geographical data and products throughout all cartographic processes. Likewise, the ISO 19115 metadata application has been disseminated and it enables data and quality description.

Considering the abovementioned, the Meeting agreed to request GREPECAS to use the fast track mechanism to approve the following draft conclusion:

DRAFT

CONCLUSION 13/3 ELECTRONIC TERRAIN AND OBSTACLE DATA SUPPLY (e-TOD)

That States and Territories of the CAR/SAM regions take urgent actions to ensure:

- a) the electronic representation of WGS-84 geodetic data in aeronautical charts in order to support Performance Air Navigation (PBN), and
- b) the terrain and obstacle electronic data availability of high quality and integrity, as required by ICAO Annex 15.

The United States representative commented on the importance to reduce human intervention to the minimum in all data management processes. Furthermore, the JEPPESEN representative stressed out the relevance to determine WGS-84 information not only to international aerodromes but also to domestic aerodromes, considering the use of new navigation technologies by the user community.