



**Agenda Item 5: Follow-up of the implementation of training activities in air navigation, safety and other aviation areas in the Region**

**FOLLOW-UP OF THE IMPLEMENTATION OF TRAINING ACTIVITIES IN THE AERONAUTICAL INFORMATION SERVICE (AIS/AIM) AREA**

(Presented by the Secretariat)

<b>SUMMARY</b>	
This working paper presents information on training activities related to the AIS/AIM area carried out since the CIAC/18 meeting, and on activities to be carried out in 2022.	
<b>References</b>	
<ul style="list-style-type: none"><li>• SAM/AIM/13 and SAM/AIM/14 meeting reports</li><li>• Course on the standard aeronautical information exchange model</li><li>• Virtual missions to the States</li></ul>	
<b>ICAO strategic objectives:</b>	<i>B – Air navigation capacity and efficiency</i>

**1. Introduction**

1.1 The SAM/AIM/13 and 14 meetings followed up on the status of implementation of the AIS-to-AIM transition roadmap, noting that the changes made to ISO 9001 in 2015 could lead to delays in the completion of Phase 1 of the roadmap due to the new requirements introduced in this version, even affecting those States that had certified QMS/AIM systems.

1.2 The course on aeronautical information exchange models was delivered this year.

**2 Discussion**

2.1 The SAM/AIM/13 and 14 meetings, when reviewing the status of implementation of the Roadmap, noted that, for the implementation of Phase 2 - Digital Environment, it was necessary to provide specific training in certain areas involved in making aeronautical data and information available in digital format. The meetings had noted that more information was needed on TOD implementation tools and digital datasets (DDS).

2.2 When reviewing ASBU implementation, the meeting also noted that more specific information needed to be provided regarding SWIM (system-wide information management), whose technology and standards would be available to States for implementation planning at the start of ASBU Block 1.

2.3 The Secretariat, in order to verify the level of implementation of the basic building blocks (BBBs) of the AIS/AIM area, has conducted virtual missions to five States in 2021.

2.4 Seminars on the electronic AIP (e-AIP), digital datasets and the data catalogue have been conducted during the SAM/AIM meetings held in 2020 and 2021.

2.5 The SAM Region, with the support of the Regional Project, has promoted training courses in AIM, in order to build aeronautical information management skills in the States. The courses contracted for this year are:

- Course on AIXM 5.1: For 22 delegates, delivered with the support of Project RLA/06/901
- Course for QMS lead auditors: For 22 delegates, with the support of Project RLA/06/901
- Workshop on formulation of indicators: Three workshops have been conducted. They were not exclusively for AIM professionals, but delegates from this area have participated in these workshops.

2.6 Furthermore, the SAM Region is preparing a training and education guide for the AIM area, with the support of regional project RLA/06/901.

2.7 A very important point to consider for the AIM area is the AIS/AIM Personnel Competency Framework. The new AIS Manual (Doc 8126), in Part I, gives examples for the development of this frame of reference.

2.8 CATCs should note that this year ICAO has started a Global NOTAM Improvement Campaign. This campaign is aimed at the correct application of production criteria and period of validity for NOTAM messages. In this regard, it is very important to raise awareness among authorities and NOTAM message originators regarding the correct use of NOTAMs.

### **Training activities foreseen for 2022**

2.9 In order to develop and strengthen the capabilities of States in relation to the exchange of meteorological and aeronautical data in a digital and interoperable environment, Block 1 of the Aviation System Block Upgrades (ASBU) foresees the implementation of system-wide information management (SWIM) for Block 2. Likewise, it is expected that courses on e-AIP, DDS and standard aeronautical information exchange models will be organised.

2.10 Furthermore, in order to raise awareness among the authorities and NOTAM originators, a NOTAM workshop is expected to be conducted.

2.11 The Secretariat also plans to deliver a workshop on the AIS Manual in order to review the new document and provide a planning framework for the new concepts introduced in the seventh edition of Doc 8126 - AIS Manual.

**3. Suggested action**

3.1 The Meeting is invited to:

- a) take note of the training activities carried out since the CIAC/18 meeting and those planned for 2022;
- b) study the possibility of delivering refresher courses for NOTAM originators (AGA, ANS, and other users originating NOTAM messages); and
- c) study the possibility that training centres in the Region include AIM in the courses scheduled for 2022 due to the significant changes introduced by the AIS manual (Doc 8126).

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