



# ICAO

International Civil Aviation Organization  
North American, Central American and Caribbean Office

INFORMATION PAPER

E/CAR/CATG/8 — IP/08  
16/10/24

**Eighth Eastern Caribbean Civil Aviation Technical Group (E/CAR/CATG/8) Meeting**  
Miami, United States, 22 to 24 October 2024

- Agenda Item 4: Update of the E/CAR/CATG Work Programme and Activities**  
**4.2 ICAO NACC current projects and initiatives supporting the E/CAR region in ANS matters**

**TRINIDAD AND TOBAGO PROGRESS ON THE TRANSITION OF AERONAUTICAL INFORMATION SERVICES (AIS) TO AERONAUTICAL INFORMATION MANAGEMENT (AIM)**

(Presented by Trinidad and Tobago)

**EXECUTIVE SUMMARY**

ICAO published the Roadmap for the Transition of AIS to AIM first edition in 2009. Trinidad and Tobago have completed a number of the twenty-one (21) steps with work continuing towards completion of the remaining. This Information paper presents the implementation progress.

<i>Strategic Objectives:</i>	<ul style="list-style-type: none"><li>• Safety</li><li>• Air Navigation Capacity and Efficiency</li></ul>
<i>References:</i>	<ul style="list-style-type: none"><li>• ICAO Global Air Navigation Plan. Doc 9750</li><li>• Roadmap for the Transition from AIS to AIM 1<sup>st</sup> Ed. 2009</li></ul>

**1. Introduction**

1.1 A Roadmap was developed to expand upon the direction given in the ICAO Global Air Navigation Plan (Doc 9750) for the future development of aeronautical information. This development was referred to as the Transition from Aeronautical Information Services (AIS) to Aeronautical Information Management.

1.2 Progress on the development and implementation of the Roadmap Steps are compiled by TTCAA AIM Department and the status reported to the ICAO North American, Central American and Caribbean Regional Office via the AIM Task Force.

1.3 New or updated ICAO requirements will be reviewed and evaluated for implementation as they are published.

**2. Trinidad and Tobago Civil Aviation Authority (TTCAA) AIS to AIM implementation**

2.1 The Roadmap for the Transition from AIS to AIM, with its associated three (3) Phases and twenty-one (21) Steps.

2.2 The AIM Department has achieved the following:

- a) For Phase I of the Roadmap, four (4) of the four (4) Roadmap Steps were completed.
- b) For Phase II, ten (10) of the relevant twelve (12) Steps were completed. It is planned that the two (2) remaining Steps will be addressed by Q4 2025.

*Note: Steps numbers P-13 and P-14 are not required as this relates to CAT III ILS operations and there are no future plans for such operations. Steps P-15 resides with the Airport Operator.*

- c) For Phase III, one (1) of the eight (8) Steps was completed. It is planned that the seven (7) remaining Steps will be addressed by Q4 2025.

**3. Conclusion**

3.1 The Meeting is invited to note the information presented.

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APPENDIX

Trinidad and Tobago AIS to AIM Implementation Status



E/CAR/CATG/8 Meeting  
Trinidad and Tobago AIS to AIM Implementation Status

Phase/Step	Step No.	Timeline																				Start Date MM / DD / Yr	(Planned) End Date MM / DD / Yr	Trinidad and Tobago	Remarks																
		2022				2023				2024				2025				2026																							
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4																				
<b>Phase I</b>																																									
AIRAC coherence	P-03																					N/A		Completed. AIRAC system used for Publications																	
Monitoring of Annex differences	P-04																					N/A		Reporting system is implemented																	
WIS-64 implementation	P-05																					N/A		Completed. WIS-64 coordinators are used in AIP. Charts for Trinidad and Tobago as well as obstacle and terrain data																	
QMS	P-17																					N/A		Completed. AIM Department's QMS is currently certified to the ISO 9001:2015 Standard																	
<b>Phase II</b>																																									
Data Quality Monitoring	P-01																					N/A		Data Quality monitored against ICAO SBPPS through manual and system evaluation processes																	
Data Integrity Monitoring	P-02																					31-Dec-23	4	All Software already acquired. Software upgrade and re-training required. Monitoring is done throughout the data process manually																	
AIM	P-06																					N/A		Systems in PUBS and OPS Units meet AIM S.1 Standards. Systems available for use in GEO Unit																	
Unique Identifiers	P-07																					N/A		Fully implemented through the use of ICAO and processes involved to ensure no conflict of identifiers occur in the aeronautical database																	
Aeronautical information conceptual model	P-09																					N/A		Systems in OPS, PUBS and GEO Units meet AIM S.1 Standards																	
AAPP	P-11																					30-Sep-23	3	Testing continues on HTML files. PDF files and charts available on TTCAA website																	
Terrain A-1	P-13																					N/A		Completed. DTM for both islands are available																	
Obstacle A-1	P-14																					N/A		Database is being continuously updated with the most current information through collaboration with various stakeholders etc																	
Terrain A-4	P-13																					N/A		TTPP & TTCP CAT I. No plan for CAT III operations																	
Obstacle A-4	P-14																					N/A		TTPP & TTCP CAT I. No plan for CAT III operations																	
Terrain A-201	P-13																					N/A		Completed. ATIS & DTM available for both islands																	
Obstacle A-201	P-14																					N/A		Database is being continuously updated with the most current information through stakeholder collaboration																	
Terrain A-3	P-13																					N/A		Completed. DTM and AD survey data available for both islands																	
Obstacle A-3	P-14																					N/A		USAC DTM and AD survey data available for both islands																	
Aeronautical Mapping	P-15																					1-Jun-23	2	Responsibility of the TT Airports Authority. Awaiting datasets from AAIT																	
<b>Phase III</b>																																									
Aeronautical data exchange	P-09																					30-Sep-23	3	Systems in OPS, PUBS & GEO meet the AIM Specifications																	
Communication networks	P-10																					N/A		Completed. AIMIS compliant with FAA and Cessna																	
Aeronautical information plotting	P-12																					30-Sep-23	2	Discussion with stakeholders ongoing																	
Training	P-16																					31-Dec-23	4	Training plans are being updated according to CATIA methodology																	
Agreement with data originators	P-18																					30-Sep-23	4	MOAs are in the process of being reviewed for internal stakeholders and developed for external stakeholder groups																	
Interoperability with meteorological products	P-19																					31-Dec-23	2	Awaiting information from stakeholders																	
Electronic aeronautical charts	P-20																					1-Jun-23	3	In the process of acquiring SIC/Charting software, along with training focused on stabilizing electronic charts																	
Digital NOTAM	P-21																							ing conducted																	

1	Not Started (leave empty)	0%
2	Initial Stage	1 - 25 %
3	Developing Stage	26 - 50 %
4	Advanced Stage	51 - 75 %
5	Finalizing Stage	76 - 99 %
6	Fully Implemented	100%
7	Implemented through a third party	100%
8	Scheduled to be completed and/or fully implemented by this date / period	Provide more information
9	Will not implement this step (Fill all years grey)	Provide reason