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**Seventh North American, Central American and Caribbean Working Group (NACC/WG) Aeronautical Information Management Implementation Task Force Meeting**

**(AIM/TF/7)**

(Willemstad, Curaçao, 30 July – 2 August 2024)

**Agenda Item 4: Status of AIM Collaborative Plan implementation - Update based on ASBU, BBB and GANP 7th. Ed. (GREPECAS/20) Conclusions and Decisions. eANP Table Status per State**

**FOLLOW-UP ON THE GREPECAS/20 CONCLUSIONS AND DECISIONS RELEVANT TO DIGITAL REGIONAL AIR NAVIGATION PLAN (EANP)**

(Presented by the AIM/TF Rapporteur)

<b>EXECUTIVE SUMMARY</b>	
This Working Paper presents information on the follow-up carried out by the ICAO/NACC AIM/TF on the GREPECAS/20 Conclusions and Decisions relevant to Digital regional air navigation plan (eANP) Table Status per State.	
<b>Action:</b>	Described in Section #####.
<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>• GREPECAS/20 Conclusions and Decisions</li><li>• Annex 11 – Air Traffic Services</li><li>• Annex 15 – Aeronautical Information Services</li><li>• Doc 4444 – PANS-ATM</li><li>• Doc 8126 – Aeronautical Information Services Manual</li><li>• ICAO NACC AIM TF 05 meeting</li><li>• Twentieth Meeting of the CAR/SAM Planning and Implementation Regional Group (GREPECAS/20) • Follow-up Workshop on the preparation of Vol. III, of the SAM Region, 15 to 17 November 2021</li><li>• Virtual workshop for the preparation of Vol. III of the CAR/SAM Air Navigation Plan (ANP) for the CAR Region (CAR/SAM/ANP-VOLIII) 14 to 18 February 2022</li><li>• Industry and International Associations Feedback Workshop/Meeting on the Formulation and Management of Vol. III of the Air Navigation Plan of the CAR/SAM Regions, online, 22 March 2022</li><li>• ICAO NACC Working Group AIM TF 06 Meeting (2023)</li></ul>

## 1. Introduction eANP Tables' Status per State

1.1 The GREPECAS/20 Meeting, discussed the Agenda Item “2.4 CAR/SAM Regional Air Navigation Plan Vol. III, Work Update and Regional Progress” reviewed the implementation status of Vol. III of the CAR/SAM Regional Air Navigation Plan (CAR/SAM e-ANP). It describes the work carried out to build the basic knowledge for the formulation of the tables of Vol. III. The main enabler of Vol. III is the management of Key Performance Indicators (KPIs) by the Administrations.

1.2 The ICAO NACC Region has carried out activities with the purpose of generating capacities in the States for the use and application of the Vol. III and to follow up on the implementation of Vol. III of the e-ANP CAR/SAM regions.

1.3 During review of the progress of the implementation of Vol. III of the CAR/SAM eANP, the GREPECAS 20 Meeting issued Conclusion 20/14 “**APPROVAL OF THE INITIAL VERSION (VERSION 0) OF VOLUME III OF THE CAR/SAM ANP, AND FURTHER ACTIONS FOR THE MANAGEMENT AND DEVELOPMENT OF PERFORMANCE-BASED PLANNING**”. This conclusion urges States to participate actively, with the Secretariat, to complete Vol. III by using the “*Instructions for the use of the Vol. III Template*”

1.4 The ICAO NACC Region held the “Virtual workshop for the preparation of Volume III of the CAR/SAM Air Navigation Plan (ANP) for the CAR Region (CAR/SAM/ANP-VOLIII) (14 to 18 February 2022)”:

<https://www.icao.int/NACC/Documents/Meetings/2022/VWSVIII/eANPVolIII-SummaryOfDiscussions.pdf>

1.5 The ICAO NACC Regional Member States, the Industry and International Organizations, related to the provision of air navigation services in the CAR/SAM Regions, are working jointly and in a coordinated manner for the preparation of the Tables of Vol. III, applying the Performance-Based Approach process, and considering the six steps method, detailed in ICAO Doc 9883. The Meeting is aware that not all States may be able to complete the process of preparing the Tables and their contributions for Vol. III. Nevertheless, States are urged to do so.

## 2. The eANP Table Templates

2.1 In order to assist States in the planning for the transition from AIS to AIM in an expeditious manner, a template of the eANP implementation including the following six tables was created in March 20223 created for the AIM TF to fill out:

1. *Table DAIM III.1: Provision of AIS/AIM products and services based on the Integrated Aeronautical Information Database (IAID)*
2. *Table DAIM III.2 Aeronautical Data Quality*
3. *TABLE DAIM-III-3 World Geodetic System-1984 (WGS-84)*
4. *Table DAIM-III-4-1 Provision of Terrain and Obstacle data sets for Areas 1 and 4 Explanation of the Table*
5. *Table DAIM-III-4-2 Provision of Terrain and Obstacle data sets for Area 2, the take-off flight path area (TOFP) and the obstacle limitation surfaces (OLS) 4*

6. *TABLE DAIM-III-4-3 Provision of Terrain and Obstacle data sets for Area 3 and Airport Mapping Databases (AMDB).*

2.2 An excel sheet template was created in March 2023 by the AIM Rapporteur, based on the information provided (referring to link: <https://www.icao.int/NACC/Documents/Meetings/2022/AIMTF5/AIMTF5-WP06.pdf>), in order to assist States with an easy to fill out template. The intention is to have this information reflect on AIM Tracking Website as well, whereby States are expected to carry out continuous updates to their data/information (**Appendix**).

2.3 Just like the NAMCCAR AIS to AIM transition Status report file, the eANP contributes to the assistance in implementation management by States, by providing a guided tool as such. The results of the States' implementation can be viewed in Appendix A of this WP.

### 3. Conclusion

3.1 The ICAO NACC AIM TF member the States, the Industry and International Organizations, are to continue to update the eANP AIM Tables, by establishing a work plan for updating the Electronic Air Navigation Plan (e-ANP VOL I, II and II).

3.2 The WP/06 followed up on the Decision of the NACC/WG/07 and requested the evaluation of the actions required by the different NACC/WG TFs to comply with the requirements of Vol. III of the CAR/SAM Air Navigation Plan (ANP).

3.3 For the development of the e-ANP Volume III of the CAR/SAM Regional Air Navigation Plan (e-ANP CAR/SAM), the following was observed during the NACC/WG/RAP/02:

- a) The implementation of the BBBs, as stated in the GANP and the GASP, need to be reinforced in several States and in accordance with that which as presented in WP/02 of the NACC/WG/RAP/02 meeting.
- b) States are to collect, maintain and integrate input data, for the management itself of KPI indicators.
- c) Fill out and or maintain the proposed template, by focussing on the priorities of the Key performance areas (KPA) for AIM.

### 4. Suggested Actions:

4.1 Based on the above, the Meeting is invited to have States to continue to fill out, update and present the eANP status via template and the AIM Tracking Website in the near future.

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**APPENDIX**

**The e –ANP electronic Air Navigation Plan (e -ANP) Tables view of States’ status**

The template file created in March 2023 for the NACC/WG/AIM/TF related to the e –ANP electronic Air Navigation Plan (e -ANP) Tables view of States’ status, has been filled out by most States.

The following six tables are viewed upon and the input from States can be viewed (*updated up to JUL 2024*). There where blank fields are presented, is due to no information received from the State:

**Table DAIM III.1 - Provision of AIS/AIM products and services based on the Integrated Aeronautical Information Database (IAID)**

#	CAR/SAM States	IAID	AIP	NOTAM	SNOWTAM	PIB	Procedure Design	ATS
	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>
<b>1</b>	Antigua and Barbuda	<i>FI</i>	<i>PI</i>	<i>FC</i>	<i>FI</i>	<i>FC</i>	<i>NI</i>	<i>FI</i>
<b>2</b>	Anguilla	<i>FI</i>	<i>FI</i>	<i>FI</i>	<i>NI</i>	<i>NI</i>	<i>FI</i>	<i>FI</i>
<b>3</b>	Bahamas	<i>PI</i>	<i>PI</i>	<i>PI</i>	<i>NI</i>	<i>NI</i>	<i>NI</i>	<i>NI</i>
<b>4</b>	Barbados	<i>PI</i>	<i>PI</i>	<i>FC</i>	<i>NI</i>	<i>PC</i>	<i>NI</i>	<i>PI</i>
<b>5</b>	Belize							
<b>6</b>	Canada							
<b>7</b>	Costa Rica	<i>FI</i>	<i>FI</i>	<i>FI</i>	<i>FI</i>	<i>FI</i>	<i>FI</i>	<i>FI</i>
<b>8</b>	Cuba	<i>PI</i>	<i>PI</i>	<i>NI</i>	<i>NI</i>	<i>NI</i>	<i>PI</i>	<i>PI</i>
<b>9</b>	Dominica	<i>FI</i>	<i>FI</i>	<i>FI</i>	<i>NI</i>	<i>PC</i>	<i>FI</i>	<i>FI</i>
<b>10</b>	Dominican Republic	<i>NI</i>	<i>NI</i>	<i>NC</i>	<i>NI</i>	<i>NC</i>	<i>NI</i>	<i>NI</i>
<b>11</b>	Dutch Caribbean ( <i>Curaçao, Aruba, Sint Maarten, Bonaire, Sint Eustatius and Saba</i> )	<i>FI</i>	<i>FI</i>	<i>FC</i>	<i>FI</i>	<i>FC</i>	<i>PI</i>	<i>PI</i>
<b>12</b>	El Salvador							
<b>13</b>	Grenada							

**Table DAIM III.1 - Provision of AIS/AIM products and services based on the Integrated Aeronautical Information Database (IAID)**

#	CAR/SAM States	IAID	AIP	NOTAM	SNOWTAM	PIB	Procedure Design	ATS
	<i>1</i>	<i>2</i>	<i>3</i>	<i>4</i>	<i>5</i>	<i>6</i>	<i>7</i>	<i>8</i>
<b>14</b>	<b>Guatemala</b>	<i>PI</i>	<i>PI</i>	<i>FC</i>	<i>FC</i>	<i>PI</i>	<i>FC</i>	<i>PI</i>
<b>15</b>	<b>Haïti</b>							
<b>16</b>	<b>Honduras</b>							
<b>17</b>	<b>Jamaica</b>	<i>FI</i>	<i>PI</i>	<i>FC</i>	<i>NI</i>	<i>NI</i>	<i>FI</i>	<i>FI</i>
<b>18</b>	<b>French Antilles (Martinique)</b>	<i>FI</i>	<i>FI</i>			<i>FI</i>	<i>NI</i>	<i>NI</i>
<b>19</b>	<b>Mexico</b>	<i>PI</i>	<i>PI</i>	<i>NC</i>	<i>NI</i>	<i>NC</i>	<i>FI</i>	<i>NI</i>
<b>20</b>	<b>Montserrat</b>		<i>FI</i>	<i>FC</i>		<i>FC</i>		<i>FI</i>
<b>21</b>	<b>Nicaragua</b>							
<b>22</b>	<b>Saint Kitts and Nevis</b>	<i>NI</i>	<i>FI</i>	<i>FC</i>	<i>FI</i>	<i>FC</i>	<i>NI</i>	<i>FI</i>
<b>23</b>	<b>Saint Lucia</b>							
<b>24</b>	<b>Saint Vincent and the Grenadines</b>	<i>NI</i>	<i>FI</i>	<i>FI</i>	<i>N/A</i>	<i>N/A</i>	<i>N/A</i>	<i>NI</i>
<b>25</b>	<b>Trinidad and Tobago</b>	<i>PI</i>	<i>PI</i>	<i>NC</i>	<i>NI</i>	<i>NI</i>	<i>NI</i>	<i>NI</i>
<b>26</b>	<b>United States</b>							

Table DAIM III.2 Aeronautical Data Quality

#	CAR/SAM States	QMS	Establishment of formal agreements	Digital data exchange with originators	Metadata	Data quality monitoring	Data integrity monitoring	AIRAC adherence
	1	2	3	4	5	6	7	8
1	Antigua and Barbuda	NC	FC	FI	FC	FC	FC	FC
2	Anguilla	FI	FI	FI	FI	FI	FI	FI
3	Bahamas	NI	PC	NI	NC	PC	PC	FC
4	Barbados	NC	NC	NI	NI	NI	NI	FI
5	Belize							
6	Canada							
7	Costa Rica	FC	FC	FI	PC	FC	FC	FC
8	Cuba	FI	NI	PI	PC	PC	PC	FI
9	Dominica	NI	FC	FI	NC	NC	NC	FC
10	Dominican Republic	FC	NI	NI	NC	NC	NC	FC
11	Dutch Caribbean ( <i>Curaçao, Aruba, Sint Maarten, Bonaire, Sint Eustatius and Saba</i> )	PC	FC	PI	FC	FC	FC	FC
12	El Salvador							
13	Grenada							
14	Guatemala	PC	FC	PC		PI	FC	FC
15	Haïti							
16	Honduras							
17	Jamaica	PI	PC	NI	PC	PC	PC	FC
18	French Antilles (Martinique)	FI	FI	FI	FI	FI	FI	FI
19	Mexico	FC	PC	NI	NC	FC	FC	FC

Table DAIM III.2 Aeronautical Data Quality

#	CAR/SAM States	QMS	Establishment of formal agreements	Digital data exchange with originators	Metadata	Data quality monitoring	Data integrity monitoring	AIRAC adherence
	1	2	3	4	5	6	7	8
20	Montserrat							
21	Nicaragua							
22	Saint Kitts and Nevis	NC	NC	FI	NC	FC	FC	FC
23	Saint Lucia							
24	Saint Vincent and the Grenadines	NI	NI	NI	PI	PI	PI	FC
25	Trinidad and Tobago	FC	FC	PI	PC	FC	PC	FC
26	United States							

Table DAIM-III-3 World Geodetic System-1984 (WGS-84)

#	CAR/SAM States	FIR/ENR	Terminal	AD	GUND
	1	2	3	4	5
1	Antigua and Barbuda	FC	FC	FC	NC
2	Anguilla	FI	FI	FI	FI
3	Bahamas	PC	FC	FC	PC
4	Barbados	N/A	FC	FC	FC
5	Belize				
6	Canada				
7	Costa Rica	FC	FC	FC	N/A

Table DAIM-III-3 World Geodetic System-1984 (WGS-84)

#	CAR/SAM States	FIR/ENR	Terminal	AD	GUND
	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>
<b>8</b>	Cuba	<i>FC</i>	<i>FC</i>	<i>FC</i>	<i>FC</i>
<b>9</b>	Dominica	<i>N/A</i>	<i>FC</i>	<i>FC</i>	<i>FC</i>
<b>10</b>	Dominican Republic	<i>FC</i>	<i>FC</i>	<i>FC</i>	<i>FC</i>
<b>11</b>	Dutch Caribbean ( <i>Curaçao, Aruba, Sint Maarten, Bonaire, Sint Eustatius and Saba</i> )	<i>FC</i>	<i>FC</i>	<i>FC</i>	<i>FC</i>
<b>12</b>	El Salvador				
<b>13</b>	Grenada				
<b>14</b>	Guatemala	<i>FC</i>	<i>FC</i>	<i>FC</i>	<i>FC</i>
<b>15</b>	Haïti				
<b>16</b>	Honduras				
<b>17</b>	Jamaica	<i>FC</i>	<i>FC</i>	<i>FC</i>	<i>FC</i>
<b>18</b>	French Antilles (Martinique)	<i>FI</i>	<i>FI</i>	<i>FI</i>	<i>FI</i>
<b>19</b>	Mexico	<i>FC</i>	<i>FC</i>	<i>FC</i>	<i>FC</i>
<b>20</b>	Montserrat				
<b>21</b>	Nicaragua				
<b>22</b>	Saint Kitts and Nevis	<i>N/A</i>	<i>FC</i>	<i>FC</i>	<i>NC</i>
<b>23</b>	Saint Lucia				
<b>24</b>	Saint Vincent and the Grenadines	<i>NI</i>	<i>PI</i>	<i>NI</i>	<i>NI</i>
<b>25</b>	Trinidad and Tobago	<i>FC</i>	<i>FC</i>	<i>FC</i>	<i>NC</i>
<b>26</b>	United States				



Table DAIM-III-4-1 Provision of Terrain and Obstacle data sets for Areas 1 and 4 Explanation of the Table

#	CAR/SAM States	Terrain data sets		Obstacle data sets	
		Area 1	Area 4	Area 1	Area 4
	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>
<b>1</b>	Antigua and Barbuda	<i>FC</i>	<i>N/A</i>	<i>FC</i>	<i>N/A</i>
<b>2</b>	Anguilla	<i>FI</i>	<i>FI</i>	<i>FI</i>	<i>FI</i>
<b>3</b>	Bahamas	<i>NI</i>	<i>NI</i>	<i>NI</i>	<i>PI</i>
<b>4</b>	Barbados	<i>NC</i>	<i>NC</i>	<i>NC</i>	<i>NC</i>
<b>5</b>	Belize				
<b>6</b>	Canada				
<b>7</b>	Costa Rica	<i>FC</i>	<i>N/A</i>	<i>FC</i>	<i>N/A</i>
<b>8</b>	Cuba	<i>FC</i>	<i>N/A</i>	<i>FC</i>	<i>N/A</i>
<b>9</b>	Dominica				
<b>10</b>	Dominican Republic	<i>NC</i>	<i>N/A</i>	<i>NC</i>	<i>N/A</i>
<b>11</b>	Dutch Caribbean ( <i>Curaçao, Aruba, Sint Maarten, Bonaire, Sint Eustatius and Saba</i> )	<i>FC</i>	<i>N/A</i>	<i>FC</i>	<i>N/A</i>
<b>12</b>	El Salvador				
<b>13</b>	Grenada				
<b>14</b>	Guatemala				
<b>15</b>	Haïti				
<b>16</b>	Honduras				
<b>17</b>	Jamaica	<i>FC</i>	<i>N/A</i>	<i>PC</i>	<i>N/A</i>
<b>18</b>	French Antilles ( <i>Martinique</i> )	<i>FI</i>	<i>N/A</i>	<i>FI</i>	<i>N/A</i>
<b>19</b>	Mexico	<i>FC</i>	<i>NC</i>	<i>NC</i>	<i>NC</i>
<b>20</b>	Montserrat				
<b>21</b>	Nicaragua				
<b>22</b>	Saint Kitts and Nevis	<i>NC</i>	<i>NC</i>	<i>NC</i>	<i>NC</i>
<b>23</b>	Saint Lucia				





Table DAIM-III-4-3 Provision of Terrain and Obstacle data sets for Area 3 and Airport Mapping Databases (AMDB)

#	CAR/SAM States	Terrain data sets (Area 3)	Obstacle data sets (Area 3)	AMDB
	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>
<b>1</b>	Antigua and Barbuda	<i>FI</i>	<i>FI</i>	<i>N/A</i>
<b>2</b>	Anguilla	<i>FI</i>	<i>FI</i>	<i>FI</i>
<b>3</b>	Bahamas	<i>NI</i>	<i>NI</i>	<i>NI</i>
<b>4</b>	Barbados	<i>NI</i>	<i>NI</i>	<i>NI</i>
<b>5</b>	Belize			
<b>6</b>	Canada			
<b>7</b>	Costa Rica	<i>NI</i>	<i>NI</i>	<i>PI</i>
<b>8</b>	Cuba	<i>FI</i>	<i>FI</i>	<i>NI</i>
<b>9</b>	Dominica			
<b>10</b>	Dominican Republic	<i>NI</i>	<i>NI</i>	<i>NI</i>
<b>11</b>	Dutch Caribbean ( <i>Curaçao, Aruba, Sint Maarten, Bonaire, Sint Eustatius and Saba</i> )	<i>FI</i>	<i>FI</i>	<i>PI</i>
<b>12</b>	El Salvador			
<b>13</b>	Grenada			
<b>14</b>	Guatemala	<i>NI</i>	<i>NI</i>	<i>NI</i>
<b>15</b>	Haïti			
<b>16</b>	Honduras			
<b>17</b>	Jamaica	<i>FI</i>	<i>FI</i>	<i>NI</i>
<b>18</b>	French Antilles (Martinique)	<i>FI</i>	<i>FI</i>	<i>FI</i>
<b>19</b>	Mexico	<i>NI</i>	<i>NI</i>	<i>NI</i>
<b>20</b>	Montserrat			
<b>21</b>	Nicaragua			
<b>22</b>	Saint Kitts and Nevis	<i>NI</i>	<i>NI</i>	<i>NI</i>
<b>23</b>	Saint Lucia			

**Table DAIM-III-4-3 Provision of Terrain and Obstacle data sets for Area 3 and Airport Mapping Databases (AMDB)**

#	CAR/SAM States	Terrain data sets (Area 3)	Obstacle data sets (Area 3)	AMDB
<b>24</b>	Saint Vincent and the Grenadines	<b><i>NI</i></b>	<b><i>NI</i></b>	<b><i>NI</i></b>
<b>25</b>	Trinidad and Tobago	<b><i>FI</i></b>	<b><i>FI</i></b>	
<b>26</b>	United States			