NAM/CAR Air Traffic Services Inter-facility Data Communication (AIDC) and North American Interface Control Document (NAM/IDC) Implementation Follow-up Meeting (AIDC/NAM/ICD)
Mexico City, Mexico, from 8 to 11 April 2019

Agenda Item 1:   **Status of implementation of automated protocols**

FOLLOW UP TO THE LAST AIDC MEETING CONCLUSIONS AND DECISIONS

(Presented by the Secretariat)

<table>
<tr><td colspan="2" align="center">**EXECUTIVE SUMMARY**</td></tr>
<tr><td colspan="2">This working paper presents to the Meeting in formation on the follow up that the Secretariat has carried out to actions derived from previous AIDC Meeting conclusions and decisions and the results of the implementation by NAM/CAR States.</td></tr>
<tr><td>**Action:**</td><td>Suggested actions are presented in Section 4.</td></tr>
<tr><td>*Strategic Objectives:*</td><td>• Safety
• Air Navigation Capacity and Efficiency</td></tr>
<tr><td>*References:*</td><td>• Previous AIDC Meeting conclusions and decisions</td></tr>
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1.   Introduction

1.1   During the Meeting of Implementation of AIDC in the NAM/CAR/SAM Region, held in April 2018, and the Fourth NAM/CAR Air Navigation Implementation Working Group Meeting held in Miami on August 2018, a series of activities to be leaded by the States and the AIDC NAM/CAR Task Force were agreed to facilitate a correct regional implementation.

1.2   This working paper follows up the agreements of both regions and the execution status by States. The States that have not being able to communicate their implementation status will be capable of doing so during this meeting and trough this working paper.

2. Agreed activities

2.1　　　　During the NAM/CAR/SAM AIDC implementation Meeting, the States agreed under recommendation number one to promote the AIDC implementation, considering the recommendations of the GREPECAS GTE Working Group in search of minimizing the LHD occurrence and to impulse lessons learnt exchange. In this regard, and having into consideration identified problematic issues the States of:

- Dominican Republic and Curacao are working jointly to carry out radar data exchange and automated messaging exchange through the AIDC.
- Ecuador and COCESNA carried out a technical cooperation agreement in this regard.

2.2　　　　Accordingly to recommendation two of the report, States must consider taking into account the recommendations of the manufacturers when developing their terms of reference to ensure the correct implementation of the AIDC.

2.3　　　　Bearing in mind that aeronautical messaging is the raw material on which the exchange of AIDC messages is based, the previous meetings recommended the development of procedures that ensure the quality of aeronautical information. The ANI/WG concluded that (ANI/WG/4/08): THE States will provide the name and contact information of the persons responsible for the management and maintenance of AMHS/AFTN by 30 September 2018. The States are requested to provide the name and contact information of the AMHS responsible personnel of their administration using the **Appendix** to this Working paper.

2.4　　　　Regarding the measures taken for the flight plans optimization, it was recommended that the States, in coordination with IATA, consider that the airlines have automated and progressed in the validation of their flight plans. Thus, so it would be convenient for the States to accept the reception of flight plans directly from airlines to their AIS/AIM positions to take advantage of this information.

2.5　　　　The States agreed to carry out an analysis to define a unique AFTN direction nationally for the reception of flight plans.

2.6　　　　The configuration and validation of information of the ATC systems databases is one of the biggest weaknesses that the States found as a factor that prevented to increase the automation percentages. The meeting will address this issue.

2.7　　　　The activities related with flight plans error mitigation will be presented in Agenda Item 4 of this Meeting.

2.8　　　　The technical characteristics (performance) of the aircrafts, whose management was requested by the meeting to ICAO, will be discussed in Agenda Item 3.

3.   Documentation development

3.1   The objectives of GREPECAS Project C should be developed with the following deliverables:

Project deliverable	Relation with the Regional Performance Objectives (RPO)	Responsible
Proposals or guidelines for improvement to the existing operation and performance related to the flight plan data processing system	RPO 4 of the NAM/CAR RPBANIP/ RSEQSURF-ASURSNET-TBO	Leaded by: Dominican Republic COCESNA
Implementation of the regional flight plan errors plan	RPO 4 del NAM/CAR RPBANIP/ RSEQSURF-ASURSNET-TBO	Dominican Republic COCESNA
Implementation of the flight plan rejection message standardization for the Region	RPO 4 of the NAM/CAR RPBANIP/ RSEQSURF-ASURSNET-TBO	Cuba Dominican Republic United States COCESNA
Monitor the AIDC implementation plan in each State with the capacity to use this facility.	RPO 4 of the NAM/CAR RPBANIP/ RSEQSURF-ASURSNET-TBO	Dominican Republic COCESNA
Guidance for the use of the AIDC in order to reduce coordination errors.	RPO 4 y 6 of the NAM/CAR RPBANIP/ RSEQSURF-ASURSNET-TBOACDM-FICE	Dominican Republic

4.   Suggested actions

4.1   The States are invited to provide the necessary information to update the status of implementation of the AIDC accordingly to:

a) Each State provide the status of implementation of the AIDC and its short-term planning;

b) Provide the name and contact information of the persons responsible for the management and maintenance of the AMHS System; and

c) Support for carrying out the GREPECAS deliverables to support the regional implementation of the AIDC.

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APPENDIX

No.	State	AMHS Point of contact
1	Antigua and Barbuda	
2	Aruba	
3	Bahamas	
4	Barbados	
5	Belize	
6	Canada	
7	Costa Rica	
8	Cuba	
9	Curacao	
10	Dominican Republic	
11	El Salvador	
12	French Antilles	
13	Grenada	
14	Guatemala	
15	Haiti	
16	Honduras	
17	Mexico	
18	*Netherlands for Bonaire, Sint Eustatius and Saba Islands*	
19	Nicaragua	
20	Saint Kitts and Nevis	
21	Saint Lucia	
22	Saint Vincent and the Grenadines	
23	Sit Maarten	
24	Trinidad and Tobago	
25	United Kingdom for *Anguilla; British Virgin Islands; Montserrat*	
26	United States	

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