NACC/WG/6 — WP/09
18/08/21

Sixth North American, Central American and Caribbean Working Group Meeting (NACC/WG/6)
On-line, 25 to 27 August 2021, 09:00 to 13:00 (UTC-5)

Agenda Item 2:	**Follow-up on Valid Conclusions and Previous Agreements of the NACC/WG, GREPECAS, NACC/DCA and Other Related Meetings**
	2.3 Follow-up to GREPECAS improvements and AN Projects (AIM, ATM, AGA, CNS, MET and SAR)

AIDC TASK FORCE ACTIVITY REPORT, 2020-2021

(Presented by the AIDC Task Force rapporteur)

EXECUTIVE SUMMARY	
This working paper summarizes the activities carried out by the AIDC Task Force during the 2020 – 2021 period.	
Action:	Suggested actions are presented in Section 4.
Strategic Objectives:	• Safety • Air Navigation Capacity and Efficiency • Security & Facilitation • Economic Development of Air Transport • Environmental Protection
References:	• Report of the Fourth 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/4)

1.   **Introduction**

1.1   The AIDC Task Force has the mission of facilitating AIDC implementation between the different FIRs of the NACC region. Additionally, it has an ad hoc group, the FPL Monitoring Group (FPL MON), which was created with the purpose of aiding in the reduction of errors in flight plan submission, necessary condition for the correct implementation of AIDC.

1.2   During this past year 2020, the situation brought by COVID-19 virus contagion considerably reduced human activity in general, including aviation and in particular those of the task force. After several months of beginning the lockdown and curfew processes at the global level, some activities were able to be done as the conditions at the time allowed.

1.3 This report summarizes the activities carried out by the AIDC task force and the ad hoc FPL monitoring group from last year to date.

2. Actividades performed

2.1 During last year and this year, the States of the region have performed the following activities:

a) Dominican Republic updated their interface with Miami and San Juan to NAM ICD Class 2, from the end of March, 2021.

b) Cuba tested NAM ICD Class 2 with Miami, with good results, as well as Class 1 tests with Merida, CENAMER and Jamaica, which are in progress.

c) United States and Canada progressed in the testing of NAM ICD Class 3 between their FIRs.

d) COCESNA performed tests with a flight plan validation software they developed called "Procesador de Validación Inicial de Planes de vuelo" (ProVIP), which are still in progress. The purpose of this software is to centralize flight plan validation for the flight plans destined for Central America.

2.2 Other important events worth mentioning are:

a) The draft of NAM ICD version F was made available to the task force members and the general public through the task force web page. This version presents changes mainly in the Class 3 messages, regarding transfer of radar control.

b) The NACC Regional Office coordinated a BADA database training activity for States' representatives, in order to mitigate flight plan errores produced by the differences in ATC systems' databases.

c) The subject of cybersecurity was introduced to the activities of the group, including presentations during the virtual meeting of the task force, as well as the participation of group members in a cybersecurity workshop.

d) The NACC Regional Office organized an online workshop for the mitigation of flight plan error to which the task force members assisted.

2.3 The current state of AIDC implementation is presented in Appendix A. In it the number of FIRs and States that have at least one operational interface can be observed, as well as the number which do still do not have any operational interfaces. Also presented is the Regional Plan for AIDC implementation, with the status of each individual interface, in Appendix B.

2.4   Within the scope of the task force activities, this year the regional implementation of the flight and flow information in a collaborative environment (FF-ICE) was included. This initiative will be evaluated, and the terms of reference and work program of the task force will be updated to include the corresponding activities.
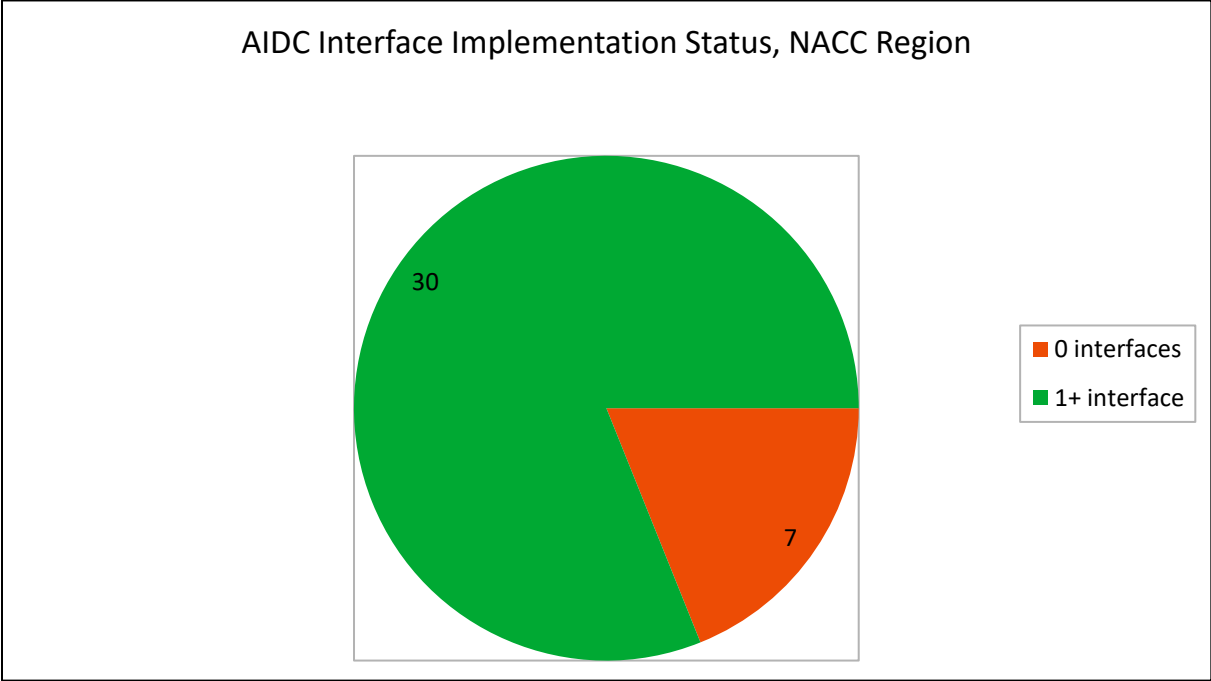
3.   Conclusion

3.1   During the time of reduced activity caused by the COVID-19 situation, States performed activities directed towards AIDC implementation, and also for the mitigation of flight plan errors. There are a number of tasks that need to be completed to continue complying with the work program, as well as getting ahead of the new challenges that FF-ICE and cybersecurity present to the task force.

4.   Suggested actions

4.1   The meeting is invited to consider the following actions:

a)   Take into account the information presented in this working paper.

b)   Make efforts for he implementations of AIDC interfaces with neighboring FIRs, for those States that have still not done so.

c)   Assign ideal personnel for the meetings and activities of the AIDC task force and FPL monitoring group, and support their participation.

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APPENDIX
AIDC IMPLEMENTATION STATUS, NACC REGION

AIDC Interface Implementation Status, NACC Region

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