



AIDC TASK FORCE
Minutes of Teleconference/15
(January 10, 2017 1700 UTC)

References:

Purpose and agenda:

to plan the goals and activities for the year 2017

- 1 Review and approval of agenda.
- 2 Update of regional plan
- 3 Discussion of goals and activities for 2017
- 4 Other matters

Participants:

1. Cuba: Carmen De Armas
2. Dominican Republic: Fernando Casso (Rapporteur)
3. Mexico: Oscar Vargas, Daniel Castañeda, Ricardo Sánchez
4. United States: Dan Eaves
5. COCESNA: Mayda Avila
6. IATA: Marco Vidal

Discussions:

Review and approval of agenda

1. The agenda was approved without modification.

Update of regional plan

2. COCESNA updated the expected dates for several of their interfaces. Many are in parallel testing, where messages are being sent through the AIDC interface and confirmed via voice. For this year, the voice confirmation will be dropped for several of these interfaces. Considering class 2 and 3, COCESNA's INDRA system will be tested this year and if all tests are passed with the new protocol then the system will be updated, after passing the tests with Belice control center. Currently they are sharing radar data with Cuba, and also with Mexico.
3. Cuba sent an update to the contact information. Regarding Class 2, Cuba will prepare for this next step for 2018.
4. Dominican Republic updated the expected date of implementation of the Santo Domingo – Miami interface.
5. The rapporteur asked for any plans of implementing new Class II interfaces for this year. Up to now there are no plans for additional Class II interfaces for the year. As mentioned, Cuba has intentions of beginning Class II implementation for 2018.

Discussion of goals and activities for 2017

6. The goals for 2017 were discussed. The Rapporteur pointed out that the Task Force goal of two more implementations in the CAR region (apart from COCESNA) was not achieved, so this goal has been extended to the year 2017. COCESNA added three more possible interfaces in Central America: Costa Rica and Belice with COCESNA and Nicaragua with El Salvador, for a total of five new interfaces.
7. COCESNA mentioned that another goal for this year could be to have all interfaces in testing phase go operational in 2017, referring to the aforementioned status of confirmation by voice of several interfaces.
8. Another discussion was the definition of performance metrics. Until now the metrics used have been implementation



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percentages. The rapporteur mentioned that AIDC is the necessary first step for the improvements of FF-ICE, ATFM and CDM, and the benefits expected from the implementation of AIDC, as described in the GANP, in the areas of capacity, efficiency, interoperability, and safety, as also cost. Thus, it is important to measure if the actual benefits obtained are in line with the expected benefits.

9. In this sense, COCESNA indicated that it is important to have experience before measuring performance. In the first phases of a production environment there will be many problems which should be fixed before. It is recommended that the interface be stable before measuring.
10. United States mentioned, as was commented during our last face to face meeting, a 90% success rate is a good estimate that the system is stable, as also the importance of capturing the data to measure before the transition, to have a baseline. This opportunity may not be available afterwards, to have an element of comparison.
11. As a first step, the following performance metrics were proposed:
 1. Number of operations total and number of successful operations processed by the interface. Regarding this item, Mexico commented that there are two aspects to consider when determining success of the operation:
 - 1.1 The systems process the message correctly. This means there are no errors in the transmission and reception of the messages on part of the systems (no reject).
 - 1.2 The message is operationally correct. This means that the information transmitted by the message is what is expected, is correct and usable by the receiving party.
 2. Number of controllers working in each sector. This would give an idea of workload reduction.
 3. Separation under system outage conditions as established by letters of agreement or their annexes. This can give an idea of the reduction in separation because of the implementation of the AIDC interface.
12. As ATFM information becomes available, it will be another important source of information to perceive the improvement in capacity and throughput at border crossings.
13. With respect to activities for the year, the item discussed was the face to face meeting for the Task Force. The NACC meeting is programmed for the end of May, there were two possible dates considered: March 6-8 and March 27-29. This would be consulted with the group to arrive to a consensus (**ACT 1/15**). The length of the meeting was estimated in three days, which would depend on the agenda. The tentative agenda would also be circulated for comments (**ACT 2/15**).
14. Cuba expressed that the face to face meetings should be published before the end of the previous year, to allow them to include them in the yearly plan. This recommendation of including the meetings, at least with a tentative date, would be expressed to ICAO (**ACT 3/15**).

Other Matters

15. United States mentioned that the PAC ICD will not be updated in the future. The PAN ICD will, but they are mutually compatible. United States will be using PAN ICD for their oceanic interfaces. COCESNA uses PAC, and to upgrade it will be necessary to buy another control center. COCESNA mentioned that it would be useful that ICAO recommend a gradual uniformization of ICDs for new implementations, to minimize the differences. It would be difficult to change the current versions of the ICDs, thus there could be additions to the PAN, but changes to current messages would not be advisable.



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Review of Previous Action Items

| ACT No. | Description | Status | Comments |
|----------------|---|---------------|-----------------------|
| AIDC/TF/3/1 | Rapporteur to send survey to FIRs for estimation of transition to Class II. | Valid | Complete (27/06/2016) |

Summary of Action Items from this Meeting

| ACT No. | Description | Status | Comments |
|----------------|--|---------------|-----------------|
| 01/15 | Rapporteur to distribute the proposed dates for the face to face meeting, for consensus. | Valid | Due 16/01/2017 |
| 02/15 | Rapporteur to distribute the tentative agenda for the face to face meeting. | Valid | Due 20/01/2017 |
| 03/15 | Recommend to ICAO the inclusion of face to face meetings before the year end | Valid | Due 16/01/201 |

Next meeting: TBD.