



ICAO

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

WORKING PAPER

AIDC/NAM/ICD — WP/08  
07/04/19

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

**Agenda Item 6: AIDC Task Force update process**

**UPDATE OF THE AIDC TASK FORCE WORK PROGRAMME**

(Presented by AIDC Task Force Rapporteur)

**EXECUTIVE SUMMARY**

This working paper presents the work programme for the AIDC Task Force and FPL Monitoring Group, for the purpose of updating.

<b>Action:</b>	Suggested actions are presented in Section 3.
<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>• AIDC Task Force Action Plan</li></ul>

**1. Introduction**

1.1 The terms of reference of the AIDC Task Force describes the work programme as part of its working methods, and work programme management under its responsibilities. As such, the review of the work programme is a fundamental activity of the Task Force.

**2. Review of work programme**

2.1. The latest version of the work programme is presented in the Appendix to this Working paper. The work programme reflects the tasks that have been assigned to the Task Force through the ANI/WG, and also those that have been agreed on during different meetings. It contains in addition the change of status of flight plan converter use as a task, as also those pertaining to the FPL Monitoring Group. The tasks are classified according to purpose.

**3. Suggested actions**

3.1. The meeting is invited to:

- a) Review and update the work programme reflecting the progress of each State in each of the tasks.
- b) Any other action deemed necessary.

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**APPENDIX**  
**AIDC Task Force Work Programme**

<b>Task Description</b>	<b>Purpose</b>	<b>Deliverable</b>	<b>Status</b>
<b>1 Eliminate converters</b>			
1.1 Update ATC systems	Enable FPL2012 format	Updated ATC system	Valid
1.2 Update messaging systems	Enable FPL2012 format	Updated messaging system	Valid
<b>2 FPL errors</b>			
2.1 Implement homogeneous procedure		Homogeneous procedure	
2.1.1 Develop procedure	Describe a uniform, automated procedure for flight plan processing	Draft of procedure	Completed
2.1.2 send a survey to airlines to determine flight plan processing systems capabilities	Know what capabilities can be automated in new procedure	Completed survey	Completed
2.1.3 send a survey to ANSPs to determine flight plan processing systems capabilities	Know what capabilities can be automated in new procedure	Completed survey	Completed
2.1.4 discuss and agree on the use of ATS messages, in the light of the capabilities of the systems	Complete the procedure draft in 2.1.1	Guidance document	Completed, 21 <sup>st</sup> FPL Mon Group teleconference
2.1.5 carry out trials as proof of concept of the regional procedure, by means of bilateral agreements	Put new procedure in practice	Trial results	Valid, per State
2.1.6 review and publish the addresses to which airspace users should send flight plans, taking into account the capabilities of their systems and in accordance with the regional procedure	Make the address for new procedure known to users.	Update AIP with addresses to use	Valid, per State

Task Description	Purpose	Deliverable	Status
2.1.7 propose the resulting procedure for flight plan processing, based on the discussed procedure and considering the results of items c) and d) of this decision, to be the regional procedure, and request its publication in Doc 7030 - Regional Supplementary Procedures	Make the procedure official.	Proposal for amendment of Document 7030.	Valid
2.2 Improve feedback between airlines and ATS units			
2.2.1 update the contact list for the 3, in which to include Aeronautical Fixed Telecommunication Network (AFTN)/Aeronautical Message Handling System (AMHS) addresses, e-mail addresses and/or phone numbers for the entity responsible for handling flight plan errors, for uploading to the ANI/WG AIDC Task Force web page ( <a href="https://www.icao.int/NACC/Pages/regional-group-AIDC.aspx">https://www.icao.int/NACC/Pages/regional-group-AIDC.aspx</a> )	Identify the means for feedback to the users	Users contact list	Ongoing, Users contact list in Task Force web page
2.2.2 create an ANSPs contact list for, in which to include AFTN/AMHS addresses, email addresses and/or phone numbers for the entity responsible for handling flight plan errors, for uploading to the AIDC Task Force web page, and also update the Aeronautical Information Publication (AIPs) of each State accordingly	Identify the means for feedback to ANSPs	ANSPs contact list	Valid

Task Description	Purpose	Deliverable	Status
2.2.3 review and recommend the use of the reference of the Rejection Message (REJ/ACK) guidance from Cuba, United States and COCESNA, and for future updates and implementation of flight plan processing systems	Normalize the syntax and use of reject and ack messages	Guidance document	Valid
2.2.4 create a guidance document for determining which circumstances require a rejection of flight plans and which does not	Avoid the cancellation and refile of flight plans with minor issues	Guidance document	Valid, User teleconference 1 of FPL Monitoring group
2.2.5 consider and carry out user teleconferences with the participation of air navigation personnel as deemed necessary	Agreeing on local issues regarding flight planning	Teleconference schedules and minutes	Valid, per State
2.2.6 promote and carry out regional user teleconferences to follow up on pertinent issues	Agreeing on regional issues regarding flight planning	Teleconference schedules and minutes	Valid, per State
<b>2.3 Maintenance of aircraft type database</b>			
2.3.1 update aircraft type data	Avoid flight plan errors due to obsolete or incorrect aircraft type data	Updated aircraft type database	Valid, per State
2.3.2 develop a procedure to allow timely update of this data	Normalize the updating of aircraft type information, to insure the same data is used across FIRs	Drafted procedure	Valid
<b>3 Implement ATS automated message exchanges as required (FPL, CPL, CNL, DLA, etc.)</b>			
3.1 AIDC implementation class 1-2	Allow automated coordination between FIRs	Implemented AIDC interfaces between FIRs, LOAs.	Valid, per State

Task Description	Purpose	Deliverable	Status
<b>4 Implement automated radar handoffs where possible</b>			
4.1 AIDC implementation class 3	Allow automated handoff of aircraft between FIRs	Implemented handoff through AIDC interfaces,	Valid, per State LOAs
<b>5 Improve training</b>			
5.1 Identify and inform of training needs for the application and implementation of ATS system automation	Allow States implementing AIDC to have a reference of what is needed trainingwise for a successful implementation	Description of training needs.	Valid
5.2 Enhance the training infrastructure of the region and the training programs related to surveillance and automated systems	Incorporate AIDC training to current training programs	Proposals for enhancements	Valid