



INTERNATIONAL CIVIL AVIATION ORGANIZATION

South American Regional Office - Regional Project RLA/06/901

Assistance for the implementation of a Regional ATM System, taking into account the ATM operational concept and the corresponding CNS technological support

Eighth Workshop/Meeting of the SAM Implementation Group (SAM/IG/8)

(Lima, Peru, 10-14 October 2011)

SAM/IG/8-WP/07

15/09/11

Agenda Item 3: Implementation of performance-based navigation (PBN) in the SAM Region

RESULTS OF RNAV5 TELECONFERENCES

(Presented by the Secretariat)

Summary	
<p>This working paper presents a summary of the main items discussed at the teleconferences held on RNAV5 implementation. The Meeting is invited to take note of the information provided, make an assessment, and make comments on Appendix A to this working paper.</p>	
References: <ul style="list-style-type: none">• SAMIG meeting reports• RNAV5 implementation action plan• RNAV5 teleconference reports	
ICAO strategic objectives:	<i>A – Safety</i> <i>C. Environmental protection and sustainable development of air transport</i>

1 Background

1.1 Pursuant to that agreed at the seventh meeting of the SAM Implementation Group (SAMIG/7, par. 3.27), teleconferences have been held at least once a month, using the “Go To Meeting” tool of the SAM Regional Office, to review the activities still pending for RNAV5 implementation, foreseen for **20 October 2011**.

1.2 To date, 12 RNAV5 TELECON have been held. **Appendix A** to this working paper shows the results obtained at these meetings. This task was included in the RNAV5 action plan.

2 Discussion

2.1 As a result of the virtual meetings and in view of the positive results obtained, the decision was made to continue with the periodic meetings so as to review, assess and identify aspects that could hinder or delay RNAV5 implementation foreseen for **20 October 2011**.

2.2 It should be noted that some States did not participate at these meetings, even though this task had been established and subsequently ratified by the States at the SAM/IG/7 meeting held at the

facilities of the ICAO Regional Office in Lima, Peru, on 23-27 May 2011, under the auspices of Regional Project RLA/06/901.

2.3 The calendar of virtual meetings established at the SAM/IG/7 meeting has not been fully complied with, due to some changes in the dates because of the absence of the participants. To date, 12 RNAV5 TELECONs have been held, there being one still pending that is scheduled for 18 October 2011.

2.4 Although not all the States have been able to participate in the teleconferences, it should be highlighted that they have been very successful, and their cost low, enabling a follow-up of tasks still pending for RNAV5 implementation. It is expected that this method will continue to be used in the future. In this sense, the Meeting is expected to define a new tentative calendar for future virtual meetings.

3 **Suggested action**

3.1 The Meeting is invited to take note of the information provided herein, make an assessment and comment on Appendix A to this working paper, and if it deems appropriate, urge those States that have not done so yet, to participate actively in the teleconferences in order to analyse issues related to RNAV5 implementation.

3.2 Establish a tentative calendar for reviewing the status of implementation of outstanding tasks as well as tasks that this Meeting may define.

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APPENDIX A

RESULTS OF RNAV5 TELECONFERENCES

Reference	Task Description	Remarks
SAM/IG/7 report, Item 3, 3.6	Assess VOR/DME coverage, based on values of 60 NM for conventional VOR/DME, and 75 NM for VOR/DME <i>Doppler</i> , for purposes of updating aircraft navigation systems	States reported no problems with this task for RNAV5 implementation.
SAM/IG/7, Appendix A to the report on Agenda Item 3, 5.4	Establish and keep up-to-date a registry of approved aircraft and operators	<p>This is the most critical situation related to the tasks defined in the action plan.</p> <p>Despite the many reminders sent by mail to State focal points and a letter sent by the Secretariat to the aeronautical authorities, the CARSAMMA database does not contain a significant number of aircraft.</p> <p>Status of RNAV5-approved aircraft:</p> <ul style="list-style-type: none"> ○ Brazil: Reported that DECEA had sent a letter to ANAC highlighting the importance of having the list of approved aircraft in the CARSAMMA database. <ul style="list-style-type: none"> ▪ CARSAMMA informed that, at present, it has 73 ACFT in its database, mainly aircraft from Colombia and Argentina. ○ Chile: Chile has prepared a single document listing all aircraft, which will be sent in late September. This option was proposed in the letter sent by the Secretariat. ○ Panama: Reported some difficulties with internal arrangements concerning human resources. ○ Uruguay: Informed that it has good coordination with the airlines. The list of aircraft will be sent soon to CARSAMMA – Phase 2 under development. ○ IATA: Informed that a list would be sent with some questions about FPL completion regarding aircraft approved/not approved for RNAV5. <p>An action was agreed for the ICAO Regional Office: Assess the action plan of those States that are not participating in the TELECONS.</p>
SAM/IG/7, Appendix A to the report on Agenda Item 3, 7.4	<p>a) Conduct training programmes.</p> <p>b) Conduct seminars for operators, indicating plans, and expected operational and economic benefits.</p>	<ul style="list-style-type: none"> ○ Brazil: Informed that DECEA had made presentations for its regional offices. It also has organised (PowerPoint) presentations on PBN concepts and details of RNAV5 implementation. ○ Chile: Has plans to use the <i>e-Learning</i> platform. <ul style="list-style-type: none"> ▪ The Regional Office has sent a letter

Reference	Task Description	Remarks
		<p>asking about the possibility of using the platform in the other States. Permission was granted.</p> <ul style="list-style-type: none"> ▪ Uruguay has asked Chile about the possibility of having the <i>e-Learning</i> tool available for use before 23Sep11. ▪ Chile informed that the training period foreseen for the <i>e-Learning</i> tool is 2 to 3 days. ▪ The platform capacity of being accessed by external users is being verified and shall be notified soon. <ul style="list-style-type: none"> ○ Panama and Bolivia informed that they were in the initial training phase and had no difficulties with the training of their personnel. ○ Uruguay: Has reported that training is available through the DINACIA intranet and is conducting local seminars.
SAM/IG/7, Appendix A to the report on Agenda Item 1, 5.16	<p>Status of publications:</p> <ul style="list-style-type: none"> - Trigger NOTAM. - Amendment to the AIP / AIP supplement containing the part corresponding to ENR 3.3, including information on RNAV5. - AIC (publication of AIC/NOTAM advising of the deferral of the RNAV5 implementation date in the SAM Region). 	<p>The States informed that the publications were already being reviewed, or had been sent to AIS offices, or had already been published. No problems were identified on this matter.</p>
SAM/IG/7, Appendix A to the report on Agenda Item 3, 6.8	<p>Review of the Procedural Handbook of the ATS units involved</p>	<p>No issues have been identified in the States participating in the TELECONs.</p>

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