



Agenda Item 2: Air navigation activities at global intra and inter-regional level

2.2 Follow-up to the implementation of intra and inter-regional activities

Progress in the development of the new electronic Air Navigation Plan (e-ANP) for the CAR/SAM Regions

(Presented by the Secretariat)

SUMMARY	
The purpose of this working paper is to inform States and aviation community about the progress of the electronic Air Navigation Plan (e-ANP) for the CAR/SAM Regions, which is being developed simultaneously for all ICAO regions.	
REFERENCES:	
<ul style="list-style-type: none"> • Twelfth Air Navigation Conference (AN-Conf/12) • e-ANP WG meetings • CAD Directors and Implementation Groups meetings • GREPECAS/17 • PPRC/3 • NAM/CAR Regional Performance-Based Air Navigation Implementation Plan (RPBANIP) • Performance-based Implementation Plan for the SAM Region (SAM-PBIP) 	
ICAO Strategic Objectives:	<i>A - Safety</i> <i>B - Air navigation capacity and efficiency</i>

1. Introduction

1.1 The Twelfth Air Navigation Conference (AN-Conf/12) agreed to Recommendation 6/1-*Regional performance framework – planning methodologies and tools regarding the alignment of regional ANPs with the fourth edition of the Global Air Navigation Plan (GANP) (Doc 9750).*

1.2 Following this recommendation, ICAO established a working group (e-ANP WG), composed of representatives from Regional Offices and ICAO Headquarters, to make proposals for changes to the regional ANPs which included the development of a new structure, format and content of the ANP.

1.3 During GREPECAS/17 meeting, States also noted the revised procedure for amendment of the e-ANP, using a web-based platform. Current procedures for amendment of the Basic ANP and of the FASID, with minor changes, would be applicable to new Volumes I and II. The management and amendment of Parts 0 and I of Volume III should go through a Secretariat inter-regional coordination mechanism, and Part II would require approval under the responsibility of the relevant PIRG, which for CAR/SAM Regions, is GREPECAS.

1.4 The implementation of e-ANP was also reported to Civil Aviation Directors (CADs) during the different meetings held in the CAR and SAM Regions, as well as through the regional implementation groups (SAM/IG and ANI/WG), which have expressed their support to the development. In order to expedite development processes and data incorporation in both Regions, focal points were designated for each administration, which will facilitate as well corresponding approval and application.

1.5 PPRC/3 Meeting took note of the progress in the implementation of the new Electronic Air Navigation Plan (e-ANP) for the CAR/SAM Regions, which consists of three volumes:

- Volume I which should include steady elements of the plan, and requires the Council approval;
- Volume II which should include dynamic elements of the plan, and does not require the Council approval (approval is by regional agreement of the corresponding PIRGs);
- Volume III which should include dynamic/flexible elements of the plan, providing guidance for the planning of the implementation of air navigation systems and their modernization, taking into account emerging programmes, as ASBU, and roadmaps of associated technologies described in the GANP.

2. Discussion

2.1 NACC and SAM Regional Offices, in line with global planning for the implementation of eANP followed by the other ICAO Regions, established compliance targets for the development of the regional electronic Air Navigation Plan in order to complete new formats with the incorporation of available information to be validated through specialized regional meetings or other coordination mechanisms.

2.2 Likewise, Officers designated by both Regional Offices as part of the e-ANP working group (e-ANP WG), were responsible for introducing in the electronic templates prepared by Headquarters and presented to GREPECAS/17, the relevant information concerning Volumes I and II of both regions.

2.3 The meeting shall recall that PPRC/3, following compliance goals for the preparation of the CAR/SAM e-ANP, agreed to approve its revision in two phases.

2.4 Considering the above, PPRC/3 formulated Decision 3/2 – **Approval of New CAR/SAM Regions electronic Air Navigation Plan (e-ANP) Volumes I, II and III**, which reads:

That, in order to expedite the preparation and approval of the new electronic Air Navigation Plan (e-ANP) for the CAR/SAM Regions, the NACC and SAM Regional Offices, using the GREPECAS fast-track procedure:

- a) circulate by **15 August 2015**, Volumes I and II of the new e-ANP for CAR/SAM States approval; and
- b) circulate by **15 October 2015**, Volume III of the new e-ANP for CAR/SAM States approval.

2.5 Regional Offices and the Secretariat took the following actions tending to expedite the approval of Volumes I, II and III:

2.5.1 **e-ANP Volume I**

- a) On 26 August 2015, the Secretariat circulated letter LT 1/4.2.4-SA468 requesting States to consider the approval of the content of Volumes I, II and III of CAR/SAM eANP.
- b) In reply to the referred letter, States submitted comments and new data, making it necessary to modify the content of the referred volumes.
- c) A draft Proposal for Amendment (PFA) to Vol I of CAR/SAM e-ANP was sent to D/ANB requesting comments for 10 November 2015. D/ANB's remarks and comments were included in the PFA and, with this new content, the Secretariat circulated letter LT 2/7.2.135-SA656 on 7 December 2015, requesting States a new review of Volume I of CAR/SAM e-ANP.
- d) The reviews and comments of the States resulted in a second consultation, in view of the introduction of new data, the modification of the AOP Table and related tables. This second consultation was initiated by the Secretariat with letter LT 2/7.2.135-SA044 on 4 February 2016.
- e) Once completed the consultation period, Proposal for Amendment to Volume I of CAR/SAM e-ANP was submitted to ICAO Council consideration on 22 March 2016.
- f) Amendment to Volume I of CAR/SAM e-ANP was approved by ICAO Council on 4 April 2016.
- g) Such approval was communicated to States on 5 April 2016.

2.5.2 **e-ANP Volume II**

- a) Taking into consideration paragraphs a) and b) related to Volume I, the content of Volume II is modified as a result of the changes introduced in this first consultation.
- b) With the changes introduced, as a result of the modification of Volume I and new data provided by the States, a Proposal for Amendment to Volume II of CAR/SAM e-ANP was prepared, which was submitted to D/ANB for consideration and comments, on 17 March 2016.

- c) In addition, on 10 May 2016, the Secretariat submitted for States consideration letter LT 2/7.3.29-SA195 with a proposal for amendment to the CAR/SAM Air Navigation Plan, Volume II, Part IV ATM – ATS Routes (Doc 8733), serial N° CARSAM 16/01-ATM, originated by Argentina, Bolivia, Brazil, Chile, Colombia, Ecuador, Guyana, Panama, Paraguay, Peru, Suriname, Uruguay, Venezuela and IATA.
- d) On 17 May 2016, the Secretariat, through State Letter NACC60664, submitted for consideration Proposal for Amendment to Volume II of CAR/SAM e-ANP.

2.5.3

e-ANP Volume III

- a) Even though a draft version has been prepared since October 2015, it is subject to be completed considering the general and specific requirements included in Vol. II.
- b) The content of Vol. III has been formulated taking into account the regional plans RPBANIP and SAM-PBIP aligned to ASBU methodology improvements.
- c) Simultaneously, Air Navigation Reports Formats (ANRF) have been prepared for the CAR and SAM Regions in accordance with the format approved by ICAO Council, and the need to standardize the referred formats through teleconferences between Regional Offices and HQ was discussed, in order to prepare the final version.
- d) In addition, HQ has started to work in the new version of the GANP 2019, therefore, D/ANB suggested aligning Volume III of e-ANP with these changes.
- e) The meeting shall be aware of the challenge that implies the development of Volume III and the complications that difficult its approval before the end of 2016.

3. **Conclusion**

3.1 CAR/SAM Regions have faced the referred difficulties affecting the date of compliance proposed by Decision PPRC 3/2.

3.2 The meeting shall consider that the approval processes of Volumes I and II have experienced delays due to the correction of the content and the inclusion of new data. So far, Volumes I and II of CAR/SAM e-ANP have completed the approval process.

3.3 The work carried out by the Regional Offices for Volume III will require normalizing criteria, working with standardized formats and consider its alignment with the changes that would be introduced in the GANP 2019.

3.4 In order to expedite the approval of Vol III, the meeting shall consider formulating a Decision regarding its implementation using ANRF formats approved by ICAO Council, and which have already been adjusted to CAR and SAM Regions. Subsequently, another amendment to align them to the future changes that will be introduced to the GANP 2019 should be considered.

3.5 With the approval of Volumes I and II of the eANP, which replace Doc. 8733, the field of references in Air Navigation deficiencies should be reviewed.

4. **Suggested action**

4.1 Based on the above, the meeting is invited to:

- a) review the information presented in this working paper; and
- b) take other actions that may be considered necessary to expedite the approval of Vol III of e-ANP CAR/SAM.

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