



ICAO

INTERNATIONAL CIVIL AVIATION ORGANIZATION

**SIXTH MEETING OF DIRECTORS GENERAL OF CIVIL AVIATION (DGCA/6)
(Brazzaville, Congo, 2 – 4 November 2016)**

Agenda Item 4: Air Navigation Capacity and Efficiency

4.1 Global and Regional Developments related to Air Navigation: New Regional Air Navigation Plan (AFI eANP)

(Presented by Secretariat)

SUMMARY

This paper presents the progress achieved in the development of the new AFI electronic regional air navigation plan (AFI eANP) template and the action plan for its electronic availability and maintenance online.

States are urged to support the amendment process of Volumes II and III of the AFI eANP by providing their inputs/comments in a timely manner to ICAO Regional Offices, relating to the Proposals for Amendments (PfAs), once they are initiated.

Action by the meeting is at paragraph 3:

REFERENCE(S):

- Doc 7030, *Regional Supplementary Procedures*
- Doc 7300, *Convention on International Civil Aviation, 1944*
- Doc 9082, *ICAO's Policies on Charges for Airports and Air Navigation Services*
- Doc 9161, *Manual on Air Navigation Services Economics*
- Doc 7474, *Air Navigation Plan — Africa-Indian Ocean Region*
- Doc 9750, *Global Air Navigation Plan*
- Doc 10007, *Report of the Twelfth Air Navigation Conference (2012)*

Related ICAO Strategic Objective(s): **A – Safety, B – Air Navigation Capacity and Efficiency, D – Economic Development of Air Transport, and E – Environmental Protection.**

1. INTRODUCTION

1.1 The Meeting will recall that under Council Decision C-DEC 150/3 of February 1997, regional air navigation plans (ANPs) were being published in two volumes; Volume I, the Basic ANP containing stable plan material, and Volume II, the facilities and services implementation document (FASID).

1.2 As an outcome of its deliberations, the Twelfth Air Navigation Conference (AN-Conf/12) agreed on the need to realign all regional air navigation plans (ANPs) with the fourth edition of the Global Air Navigation Plan (GANP) (Doc 9750 through Recommendation 6/1 — *Regional performance framework – planning methodologies and tools*).

1.3 A eANP working group was then established which composed of representatives from each Regional Office and ICAO Headquarters, tasked with making proposals for changes to the regional ANPs which included the development of a new structure, format and content.

1.4 The eANP working group conducted a series of meetings including teleconferences and most of its work was conducted through emails among the Secretariat working group members. The final regional ANP template was submitted by the group the on 22 April 2014 for endorsement.

2. DISCUSSION

2.1 Following a comprehensive review of the current ANP structure with its two volumes and considering that ANP data related to air navigation facilities and services were normally classified as stable, dynamic or flexible, the eANP working group agreed that the new ANP should be composed of three volumes:

- a) Volume I should contain stable plan elements, the amendment of which require approval by the Council;
- b) Volume II should contain dynamic plan elements, the amendment of which does not require approval by the Council (approval is by regional agreement involving the relevant PIRG); and
- c) Volume III should contain dynamic/flexible plan elements providing implementation planning guidance for air navigation systems and their modernization taking into consideration emerging programmes such as the ASBUs and associated technology roadmaps described in the GANP. The ANP Volume III would also include appropriate additional guidance, particularly with regard to implementation, to complement the material

contained in the ANP Volumes I and II. The amendment of Volume III would not require approval by the Council (approval of Part II is under the responsibility of the relevant PIRG).

2.2 Taking into consideration the agreed format of the eANP, it was considered that the current ANP application under SPACE (iSTARS 2.0 website) could be used as the basis for the development of the eANP web-based platform with some improvements. It was also agreed that access to the eANP through the web based platform would facilitate the consultation of the ANPs of all regions, thus providing a global view of air navigation planning in all ICAO Regions.

2.3 Specific action to be taken by the ICAO Regional Offices and Air Navigation Bureau (ANB), APIRG and members States for the development and subsequent approval of the AFI eANP, is summarized as follows:

ANP volume	eANP activity/task	Responsible	Status
Vol I, II & III	Population of eANP with existing data completed	Regional Offices	Completed.
Vol I, II & III	Agreement on the content of the eANP	APIRG/States	Material developed and adopted by Sub-groups and to be endorsed by APIRG.
Vol I	Approval of Volume I of eANPs by the Council	Regional Offices/ANB	Proposal for amendment of Volume I initiated by ESAF Office and approved by the ICAO President on 19 August 2016
Vol II	Approval of Volume II of eANPs by regional agreement involving the relevant PIRG	Regional Offices/APIRG	Volume II under review by ANB. Proposal for amendment to be initiated by ROs.
Vol III	Development and approval of Part II under PIRG responsibility. Inclusion of Volume III on web-based platform.	Regional Offices/APIRG/ANB	Proposal for amendment to be initiated by ROs.

2.4 APIRG/20 agreed to apply the new Regional Air Navigation Plan Template approved by the ICAO Council. The meeting also noted the works carried out relating to the population of AFI eANP Volumes I, II and III with existing data by the ICAO Regional Offices and the APIRG Sub-groups, and formulated **Conclusion 20/47: Application and Development of the AFI eANP**, which requires the Secretariat to finalize the AFI eANP Volumes I, II and III and initiate the corresponding proposals for amendment as per applicable procedures.

2.5 A Proposal for Amendment of the ICAO AFI ANP, Volume I was approved on 19 August 2016 by the President of ICAO, on behalf of the Council. The ESAF and WACAF Regional Offices are coordinating with ANB at ICAO Headquarters for an amendment

relating to Volume II of the AFI eANP, as a next step.

3. ACTION BY THE MEETING

3.1 The meeting is invited to:

- a) Take note of the information presented in this working paper, highlighting the work achieved and progress made in the development of the new eANP for the AFI Region;
- b) Note the population and approval of AFI eANP Volume I, by the President of ICAO as of 19 August 2016, as at Appendix A to this working paper; and
- c) Urge States support the amendment process of Volumes II and III of the AFI eANP by providing their inputs/comments in a timely manner to ICAO ESAF and WACAF Regional Offices, relating to the Proposals for Amendments (PfAs), once they are initiated.

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