



INTERNATIONAL CIVIL AVIATION ORGANIZATION

**AFI PLANNING AND IMPLEMENTATION REGIONAL GROUP
NINETEENTH MEETING (APIRG/19)
Dakar, Senegal, (28 – 31 October 2013)**

Agenda Item 3.0: Regional and National Performance Framework
(Update on the development of Regional eANPs)

**PROGRESS ON ALIGNMENT OF REGIONAL AIR NAVIGATION PLANS WITH THE GLOBAL
AIR NAVIGATION PLAN**

(Presented by the Secretariat)

SUMMARY	
This paper provides a progress report on the work of the eANP working group (eANP-WG) which was formed in follow-up to the 12 th Air Navigation Conference Recommendation 6/1 [Regional performance framework – planning methodologies and tools] regarding the alignment of regional air navigation plans with the Fourth Edition of the Global Air Navigation Plan.	

1. Introduction

1.1 The 12th Air Navigation Conference was informed that an online format of the regional ANPs, referenced as the electronic regional air navigation plan (eANP), was being developed with features that include a web-based planning and editing tool, an updated version of the text and tables of the Basic ANP and FASID that are aligned with the aviation system block upgrade (ASBU) methodology.

1.2 In agreeing on Recommendation 6/1 [Regional performance framework – planning methodologies and tools] the AN-Conf/12 agreed that Planning and Implementation Groups (PIRGs) should focus initially on implementing ASBU Block 0 Modules and finalizing the alignment their regional ANPs with the GANP/ASBU by May 2014. To assist the PIRGs in this task, ICAO was requested to develop guidance material for the regional/national deployment of new ATM technologies, procedures and operational approvals.

1.3 ICAO Headquarters then established a Secretariat working group, the eANP working group (eANP-WG), composed of representatives from each Regional Office and ICAO Headquarters, to follow-up on Recommendation 6/1 made at the 12th Air Navigation Conference (AN-Conf/12) [Regional performance framework – planning methodologies and tools] regarding the alignment of regional air navigation plans (ANP) with the Fourth Edition of the *Global Air Navigation Plan* (GANP).

1.4 This initiative was aimed at establishing the basic requirements for the ANP to serve a post-AN-Conf/12 regional planning environment before further development of the eANP took place. In this respect, the eANP-WG was tasked to make proposals for changes to the Regional Air Navigation Plans (ANP) which included the development of a new structure, format and content of the ANP, harmonization of the tables contained in the current Facilities and Services Implementation Documents (FASID) to support the implementation of the ICAO Aviation System Block Upgrades (ASBUs) and an implementation monitoring and reporting process. Additionally, the eANP-WG would review and propose amendments to the current ANP

amendment and approval process and coordinate with the appropriate sections at ICAO Headquarters on the development of the electronic Air Navigation Plan (eANP) on a web-based platform.

2. Discussion

2.1 At the first meeting of the eANP-WG, (4 to 8 February 2013), it was agreed that the new ANP should be composed of three volumes:

- a) Volume I should contain stable plan elements whose amendment necessitated approval by the Council and these elements be related to:
- assignment of responsibilities;
 - mandatory requirements subject to regional agreement; and/or
 - additional requirements specific to the region which are not covered in SARPs.

Note.- The following is a non-exhaustive list of such elements:

- *Flight Information Regions (FIR) boundaries (Table and Charts);*
- *Search and Rescue Regions (SRR) boundaries (Table and Charts);*
- *Volcanic Ash Advisory Centres (VAAC);*
- *Tropical Cyclone Advisory Centres (TCAC);*
- *Volcano Observatories (VO);*

- b) Volume II should contain dynamic plan elements whose amendment did not necessitate approval by the Council and these elements be related to:
- assignment of responsibilities;
 - mandatory requirements subject to regional agreement; and/or
 - additional requirements specific to the region which are not covered in SARPs.

Note.- The following is a non-exhaustive list of such elements:

- *Major traffic flows;*
- *ATS route network;*
- *Meteorological Watch Offices (MWO);*
- *Secondary Surveillance Radar (SSR) codes;*
- *Five-letter name-codes;*
- *VOLMET Broadcasts;*

- c) Volume III should contain performance-based (flexible) plan elements whose amendment did not need approval by the Council and these elements be related to the implementation of certain air navigation systems, based mainly on the ASBU modules endorsed at regional or sub-regional level.

2.2 A focal point was appointed for each Part (air navigation field) of the ANP and the following process for review and approval of the draft proposals was agreed:

- a) development and coordination of draft (led by eANP-WG Focal Point) with peers at Regional Offices and ICAO Headquarters Chiefs of Sections;
- b) review and comment of mature draft by eANP-WG members (led by eANP-WG Focal Point and shared with all concerned including ICAO Headquarters Chiefs of Sections); and
- c) endorsement of final mature version, and possible arbitration in case of disparities, by eANP-WG Steering Committee.

2.3 The general structure for the Parts which concerned an air navigation field consists of an “Introduction”, “General Regional Requirements” and “Specific Regional Requirements”. It should be noted that the section “General Regional Requirements” is harmonized for all Regions. Accordingly, an amendment of the provisions (text) in “General Regional Requirements” will lead to amendment of all Regional ANPs.

2.4 With regard to progress on Volume I, final drafts for each Part have been reviewed and the majority have been endorsed. Refinement of certain areas and a final proofreading of the drafts is being carried out.

2.5 A draft proposal to amend the current ANP amendment and approval process will be presented for discussion at the second meeting of the eANP-WG (eANP-WG/2, 18-22 November 2013).

2.6 With regard to the content of Volume II, it was planned that the final version of the different Parts would be endorsed by the Steering Committee on 4 October 2013; however, work is still on-going, especially for the development of the Tables to be included in this Volume.

2.7 Concerning work on Volume III, the design of supporting enablers (tables/databases) and the method of monitoring of implementation for a selected number of Block 0 modules which will serve as a prototype or model for each Region to use when developing the enablers for their selected modules is on-going. It is planned to review and endorse the final draft at the second meeting of the eANP-WG (eANP-WG/2, 18-22 November 2013).

2.8 Following the agreement of the proposed content of the three Volumes after the 2nd meeting of the eANP-WG, the respective PIRGs will be involved in the further development at an appropriate time.

3. Action by the Meeting

3.1 The APIRG/19 Meeting is invited to note the information provided.

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