



WORKING PAPER

Meeting of the Chairpersons on the Regional Priorities and Targets

(Hong Kong, China, 16-17 January 2014)

Agenda Item 2: Recent activities/developments relevant to the discussion of the priorities and targets

REPORT OF THE SECOND MEETING OF THE E-ANP WG

(Presented by the Secretariat)

SUMMARY

This paper reports on the work of the eANP working group (eANP-WG).

1. INTRODUCTION

1.1 The ICAO Air Navigation Bureau (ANB) established the eANP Working Group (eANP-WG), a Secretariat working group, with a task 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. The eANP-WG is composed of representatives from each Regional Office and ICAO Headquarters. The Terms of Reference (ToR) of the eANP working group (eANP-WG) is in **Appendix A**.

2. DISCUSSION

2.1 The eANP-WG had two face-to-face meetings in Paris, France, (4-8 February 2013) and in Montreal, Canada (18-22 November 2013), four Teleconferences of its Steering Committee (25 March, 3 June, 27 August and 31 October 2013) and one Teleconference of the whole WG members (5 September 2013).

2.2 A revised structure, format and Table of Contents of the eANP was agreed taking into account the ASBU methodology. In this regard, it was agreed that the eANP 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 dynamic/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.

2.3 The general structure for the Parts of Volume I and II which concerned an air navigation field consists of:

- Introduction;
- General Regional Requirements; and
- Specific Regional Requirements.

2.4 The section “General Regional Requirements” should be harmonized for all Regions. Accordingly, an amendment of the provisions (text) in “General Regional Requirements” will lead to amendment of the eANP of all Regions.

2.5 The structure of Volume III consists of:

- Part 0 – Introduction;
- Part I - General Planning Aspects (GEN); and
- Part II – Air Navigation System Implementation.

*Outcome of the Second meeting of the eANP-WG (eANP-WG/2, 18-22 November 2013)*Volumes I and II

2.6 The eANP-WG/2 meeting reviewed, amended and endorsed the final drafts of each Part of Volumes I and II.

2.7 It was agreed that there would be only two Charts in the eANP, namely the Council-approved Flight Information Region (FIR) boundaries (Chart ATM I-1 and I-2) and Search and Rescue Region (SRR) boundaries (Chart SAR I-1). The following list shows the Tables that will be included in Volumes I and II of the eANP.

VOLUME IPart I — General planning aspects (GEN)

Table GEN I-1 — List of Flight Information Regions (FIR)/Upper Information Regions (UIR) in the Region [New]

Part II — Aerodromes / Aerodrome Operations (AOP)

Table AOP I-1 — International aerodromes required in the Region

Part IV — Air traffic management (ATM)

Table ATM I-1 — Flight Information Regions (FIR)/Upper Flight Information Regions (UIR) of the Region [New]

Chart ATM I-1 — Flight Information Regions (FIR) of the Region

Chart ATM I-2 — Upper Flight Information Regions (UIR) of the Region

Part V — Meteorology (MET)

Table MET I-1 — State Volcano Observatories [former MET 3C]

Part VI — Search and rescue services (SAR)

Table SAR I-1 — Search and Rescue Regions (SRR) of the Region [New]

Chart SAR I-1 — Search and Rescue Regions

VOLUME II

Part I — General planning aspects (GEN)

Table GEN II-1 — Homogeneous areas and major traffic flows identified in the Region
[New]

Part II — Aerodromes / Aerodrome Operations (AOP)

Table AOP II-1 - Requirements and capacity assessment in international aerodromes in the Region

Part III — Communications, Navigation and Surveillance (CNS)

Table CNS II-1 — AFTN Plan [former 1A]

Table CNS II-2 — Required ATN Infrastructure Routing Plan [former 1B]

Table CNS II-3 — ATS Direct Speech Circuits Plan [former 1C]

Table CNS II-4 — HF Network designators applicable for the Region [former 2B]

Part IV — Air Traffic Management (ATM)

Only if required by the Region under “Specific Regional Requirements”:

Table ATM II-X — ATS Routes agreed through regional air navigation agreement but not implemented

Chart ATM II-X — ATS Routes agreed through regional air navigation agreement but not implemented

Table ATM II-X — SSR Code Allocation Plan of the Region

Part V — Meteorology (MET)

Table MET II-1 — Meteorological watch offices [former 1B]

Table MET II-2 — Aerodrome meteorological offices [former 1A]

Table MET II-3 — VHF VOLMET broadcast [former Table ATS 2]

Only if required by the Region under “Specific Regional Requirements”:

Table MET II-X — Offshore structures [former 1C]

Part VI — Search and Rescue Services (SAR)

Table SAR II-1 — Rescue Coordination Centres (RCCs) and Rescue Sub-centres (RSCs) in the Region

Part VII — Aeronautical Information Management (AIM)

Table AIM II-1 - Responsibility for the provision of AIS/AIM Facilities and Services in the Region

Table AIM II-2 - Production responsibility for sheets of the World Aeronautical Chart — ICAO 1: 1 000 000 or Aeronautical Chart — ICAO 1: 500 000

Volume III

2.8 Concerning Volume III, the eANP WG/2 meeting agreed that the draft Part 0 [Introduction] and Part I [General Planning Aspects] should be reviewed and finalised by the end of January 2014. It was agreed that the information contained in Volume III should be related to implementation monitoring, planning and/or guidance.

2.9 The meeting agreed that a table should be developed for inclusion in Part I to define a minimum set of High-Level Implementation Indicator(s) for each of the 18 ASBU Block 0 Modules and include other information, as deemed necessary, for use by all the ICAO Regions. It was agreed that the High-Level Implementation Indicators would be selected based on the SMART criteria (Specific, Measurable, Achievable, Relevant and Time bound). The meeting agreed that the details related to the monitoring of the ASBU Modules, including the design of supporting enablers (tables/databases) should be left to the Regions/PIRGs.

Procedure for Amendment of the eANP

2.10 The meeting agreed that the current Council-approved procedure for amendment of the Basic ANP (with minor changes) would be applicable to the new Volume I and that the current amendment procedure of the FASID (with minor changes) would be applicable to Volume II.

2.11 The meeting agreed that the management of Volume III should be under the responsibility of the PIRGs and that any amendment of Parts 0 and I of Volume III should go through an inter-regional coordination mechanism.

Future work programme/Action Plan for further development of the ANPs/eANP

2.12 The ANP Template (which included the new amendment procedure of the eANP) will be submitted to the Council for approval in June 2014. After the approval of the ANP Template by the Council, the approval of the eANP of each Region would be accomplished in accordance with the procedure for amendment.

2.13 All Regional Offices should begin the formal process of population and development of proposals for amendments based on the approved ANP Template for endorsement by PIRGs and States by the third quarter of 2014 and aim to complete the entire process by end of 2015.

3. ACTION BY THE MEETING

3.1 The meeting is invited to note the information provided.

Appendix A

TERMS OF REFERENCE OF THE eANP WORKING GROUP (eANP-WG)

1. Background

1.1 The eANP Working Group was established on 19 December 2012 by the Air Navigation Bureau (ANB) as a result of the recommendations formulated by the ICAO Deputy Regional Directors (DEPRD) training (Montreal, November 2012), taking into consideration new developments, including the outcome of the AN-Conf/12.

2. Terms of Reference

2.1 The Working Group is expected to:

- a) Make proposals for changes to the Regional Air Navigation Plans (ANPs), including:
 - development of a new structure, format and content;
 - 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
 - relevant implementation monitoring and reporting process.
- b) Review and propose amendments to the current ANP amendment procedures and approval process, as appropriate;
- c) Coordinate with the ICAO Aviation Safety Tools (SAST) Section the development of the electronic Air Navigation Plan (eANP) on a web-based platform;
- d) Prepare an action plan to carry out the above activities.

2.2 The results and proposals developed by the eANP Working Group will be presented to the Director of Air Navigation Bureau (D/ANB) for necessary action.

3. Working Methods

- a) The Working Group should avoid duplication of work with other ANB projects and maintain close coordination among the existing entities, including the ROs, to optimize the use of available resources and experience;
- b) The Working Group may designate, as necessary, ad-hoc groups to work on specific topics and activities; all tasks and activities should be clearly defined by time and deliverables; and
- c) The Working Group should conduct its work electronically (emails and teleconferences), and only hold meetings when necessary.

4. Composition

- a) Designated members from each Regional Office and Headquarters; and
- b) Focal points/experts from ICAO to support the designated members and the activities of the Working Group.
