

International Civil Aviation Organization

ICAO

WORKING PAPER**ASIA AND PACIFIC (APAC)
Twelfth Meeting of the Meteorological Requirements
Working Group (MET/R WG/12)**

Bangkok, Thailand, 02 to 05 May 2023

Agenda Item 5: Future work program and terms of reference**WORK PLAN DELIVERABLE 5 – IMPROVEMENTS TO THE APAC ANP VOLUME III**

(Presented by the Secretariat)

SUMMARY

This paper discusses the MET/R WG work plan deliverable to propose improvements to clarify the MET-related implementation planning guidance in the ANP Volume III. It invites the MET/R WG to coordinate this work with the other APANPIRG Sub-Groups and consider the implications of a recently discussed project (under APANPIRG's ATM agenda) to migrate the APAC Seamless ANS Plan into ANP Volume III on the MET/R WG work plan deliverable.

1. INTRODUCTION

1.1 The MET/R WG work plan includes a deliverable to review Volume III of the APAC regional air navigation plan (ANP) and propose improvements to the monitoring, reporting and other parts of Volume III to clarify the MET-related implementation planning guidance.

1.2 The ICAO APAC Air Navigation Planning and Implementation Regional Group (APANPIRG) suggested that the proposals to improve the MET-related content in Volume III should be coordinated with the other APANPIRG Sub-Groups. In addition, APANPIRG recently discussed a proposed project to migrate the APAC Seamless Air Navigation Services (ANS) Plan and other regional plans and guidance material into ANP Volume III, the implications of which will need to be considered by the MET/R WG.

2. DISCUSSION

2.1 The ICAO regional air navigation plans (ANPs) represent the bridge from the global provisions (ICAO standards and recommended practices (SARPs) and the global air navigation plan (GANP)) to the Member States' national plans and actual implementation of air navigation services for international civil aviation.

2.2 The ANPs consist of three volumes, as approved by the ICAO Council (in June 2014), which set out the ICAO Member States' responsibilities, including mandatory services and facilities implementation requirements for international air navigation systems.

2.3 The ANP Volume I contains the stable plan elements; Volume II contains the dynamic plan elements; and Volume III contains dynamic and flexible plan elements. A copy of the APAC ANP, in Volumes I, II and III, is available on the ICAO APAC Office website:

<https://www.icao.int/APAC/Pages/APAC-eANP.aspx>.

2.4 The content of Volume III primarily concerns the implementation of the air navigation system and its modernization in line with the ICAO Aviation System Block Upgrades (ASBUs) and associated technology roadmaps described in the Global Air Navigation Plan (GANP).

2.5 The information in Volume III is related mainly to the following:

- Planning (i.e., objectives, priorities and targets at regional or sub-regional levels);
- Monitoring and reporting (i.e., the progress of implementation of the air navigation system for reporting in global and regional air navigation reports and performance dashboards); and
- Guidance (i.e., to support the implementation of specific systems or procedures in a harmonized manner).

2.6 The management of Volume III is the responsibility of the ICAO Planning and Implementation Regional Groups (PIRGs). Therefore, updates to the APAC ANP Volume III are endorsed by APANPIRG.

2.7 The MET SG of APANPIRG is tasked to review the MET parts of the APAC ANP and prepare amendment proposals to reflect updates and changes in the operational and global requirements. The MET/R WG work plan includes Deliverable 5: a coordinated review of the APAC ANP Volume III, including proposals for improvements to the air navigation reporting form (ANRF) and other parts of Volume III, to clarify the MET-related implementation planning guidance.

2.8 At APANPIRG/31 (online from 14 to 16 December 2020), the MET SG proposed establishing a cross-cutting ANP Volume III Task Force involving each relevant air navigation field. The Task Force would develop a proposal to amend Volume III comprehensively in all air navigation fields to reflect the States' current requirements (Draft Conclusion MET SG/24-02: *APAC Regional Air Navigation Plan (ANP), Volume III*, refers).

2.9 However, APANPIRG/31 suggested the above MET SG proposal was premature and that the MET SG should continue to progress with its proposal for amendment of Volume III concerning the MET-specific requirements and coordinate such proposal with the other APANPIRG Sub-Groups.

2.10 More recently, the Secretariat informed APANPIRG/33 (in Bali, Indonesia, from 22 to 24 November 2022), under the ATM agenda, of a proposed project to migrate the APAC Seamless ANS Plan and other regional plans and guidance material into ANP Volume III (APANPIRG/33 WP/20 refers). However, further details of the proposal are to be established.

2.11 Given the developments above, the MET/R WG should coordinate the development of its proposals to clarify the MET-related implementation planning guidance in the ANP Volume III with the other APANPIRG Sub-Groups. Furthermore, the MET/R WG will need to consider the implications of the proposed project to migrate the APAC Seamless ANS Plan and other regional plans and guidance material into ANP Volume III.

3. ACTION BY THE MEETING

3.1 The meeting is invited to:

- a) Note the information in this paper; and
- b) Update the MET/R WG work plan as necessary to ensure the following:
 - i. The development of proposals to clarify the MET-related implementation planning guidance in the ANP Volume III is coordinated with the other APANPIRG Sub-Groups; and
 - ii. The MET/R WG considers the implications of the proposed project to migrate the APAC Seamless ANS Plan and other regional plans and guidance material into ANP Volume III on the MET/R WG work plan Deliverable 5.
