

**59<sup>th</sup> CONFERENCE OF  
DIRECTORS GENERAL OF CIVIL AVIATION  
ASIA AND PACIFIC REGIONS**

*Cebu, Philippines  
14 to 18 October 2024*

**AGENDA ITEM 4: AIR NAVIGATION**

**UPDATE ON APAC SEAMLESS ANS PLAN**

(Presented by ICAO)

**INFORMATION PAPER**

**SUMMARY**

This paper presents progress of update of the of the Asia/Pacific Seamless ANS Plan V4.0 that will be presented to the Thirty-Fifth Meeting of the Asia/Pacific Air Navigation Planning and Implementation Regional Group (APANPIRG/35, Bangkok, Thailand, from 25 to 27 November 2024), for review and endorsement by the APANPIRG.

## UPDATE ON APAC SEAMLESS ANS PLAN

### 1. INTRODUCTION

1.1 The update cycle of the Asia/Pacific Seamless Air Navigation Service (ANS) Plan (hereinafter referred to as the ‘Seamless ANS Plan’) was based on the intention that the Asia/Pacific Air Navigation Planning and Implementation Regional Group (APANPIRG) and its contributory bodies conduct a complete review every three years to align with the review cycle of the Global Air Navigation Plan (GANP). The last review of the Seamless Plan was conducted in 2019, in the same year as the last major update of the GANP.

1.2 Phase III of the *Performance Improvement Plan* of the Seamless Plan was expected to be implemented by 03 November 2022, and Phase IV by 25 November 2025.

1.3 The following includes Seamless ANS Plan-related discussion outcomes from the APANPIRG/34 meeting, and progress of update of the Seamless ANS Plan.

### 2. DISCUSSION

#### Review of Seamless ANS Plan

2.1 APANPIRG/33 had agreed to the proposal for the Seamless ANS Plan to be updated during 2022/2023 and presented to APANPIRG Sub-Groups in 2023 before then being presented for the approval of APANPIRG/34. Subsequent updates of the Seamless ANS Plan would be conducted in the year immediately following the year of the ICAO Assembly.

2.2 Guiding principles adopted by the ICAO Secretariat for this work were:

- a) refrain from introducing new regional elements, except where absolutely necessary;
- b) focus on APAC regional prioritisation of ASBUs; and
- c) keep in mind the ICAO No Country Left Behind (NCLB) principle.

2.3 The process agreed by APANPIRG/33 for updating the Seamless ANS Plan included the following:

- a) ICAO Secretariat editorial review, and inclusion of new elements arising from APANPIRG/33;
- b) circulation to Points of Contact for Asia/Pacific (APAC) States/Administrations for comment and feedback;
- c) circulation to APANPIRG Sub-Groups;
- d) (if necessary) workshop activity; and
- e) presentation of final draft to APANPIRG/34 for adoption.

2.4 The proposed circulation to nominated Points of Contact could not be undertaken. However, the draft update of the Seamless ANS Plan had been presented to the following APANPIRG Sub-Group meetings:

- a) the Seventh Meeting of the Aerodromes Operations and Planning Sub-Group (AOP/SG/7, Bangkok, Thailand, 03 to 06 July 2023);

- b) the Twenty-Seventh Meeting of the Communications, Navigation and Surveillance Sub-Group (CNS SG/27, Bangkok, Thailand, 28 August to 01 September 2023);
- c) the Twenty-Seventh Meeting of the Meteorology Sub-Group (MET SG/27, Bangkok, Thailand, 04 to 08 September 2023); and
- d) the Eleventh Meeting of the Air Traffic Management Sub-Group (ATM/SG/11, Singapore, 02 to 06 October 2023).

2.5 The feedback received from the AOP/SG/7 and MET SG/27 had been incorporated in the draft Seamless ANS Plan.

2.6 The CNS SG/27 considered it was impractical to provide comments on proposed modifications to CNS-related Aviation System Block Upgrades (ASBUs) to be added in Phase IV of the Seamless ANS Plan, or which of the new Block 2 ASBUs should be included in the new Phase V. As a way forward, CNS SG/27 elected to form a CNS-related ASBUs Review Ad-hoc Group for next edition of Seamless ANS Plan, which would review the proposed ASBUs; prepare a list of CNS-related ASBUs to include in the Seamless ANS Plan; share its interim report to APANPIRG/34; and seek consent from CNS SG/28 in 2024.

2.7 Overall, the draft version of the Seamless ANS Plan required further consultation both with APAC States/Administrations (through their nominated Points of Contact) and APANPIRG Sub-Groups, before it could be considered ready for APANPIRG endorsement.

2.8 Therefore, the need for further consultation now resulted in the final draft being expected to be available for endorsement by APANPIRG/35.

2.9 Since April 2024, ICAO Secretariat had conducted the following internal consultations and coordination activities to update the Seamless ANS Plan:

- a) Feedback provided by ATM/SG/11 and CNS-related ASBUs Review Ad-hoc Group, both during and since the meeting, had been incorporated in the Draft Seamless ANS Plan V3.2.2 – **Status: Completed.**
- b) Circulate Draft Seamless ANS Plan V3.2.2 to nominated Points of Contact for feedback from APAC States/Administrations – **Status: Completed in April 2024.**
- c) Deadline for feedback from APAC States/Administrations on Draft Seamless ANS Plan V3.2.2 via e-mail – **Status: Completed on 10 June 2024.**
- d) ICAO Secretariat update Draft Seamless ANS Plan to incorporate feedback from APAC States/Administrations and analysis of Seamless ANS Plan implementation in current status – **Status: Completed in July 2024;**
- e) Present updated Draft Seamless ANS Plan to APANPIRG Sub-Groups (AOP, ATM, CNS and MET) in 2024 – **Status: Completed on 08 October 2024;** and
- f) Final Draft Seamless ANS Plan V4.0 to be submitted to APANPIRG/35 for endorsement.

### 3. ACTION BY THE CONFERENCE

3.1 The Conference is invited to note the information contained in this Paper.