



ICAO

International Civil Aviation Organization

**Twenty Ninth Meeting of the Communications/
Navigation and Surveillance Sub-group (CNS SG/29)
of APANPIRG**

Bangkok, Thailand, 16-20 June 2025

Agenda Item 10: Regional implementation review and updates

10.1 State's National ANP and Elements related to CNS in Seamless ANS Plan

UPDATES IN ICAO APAC e-ANP VOL II

(Presented by the Secretariat)

SUMMARY

This paper summarized the need for APAC States/Administrations to update Volume II of the ICAO APAC e-ANP. The paper reminds States/Administrations to review the data and provide feedback to ICAO on the data's accuracy in the requisite format to update the relevant CNS requirements in all volumes of e-ANP.

1. INTRODUCTION

1.1 The ICAO Secretariat frequently shares the need to maintain up-to-date CNS requirements in ICAO APAC e-ANP and reminds States/Administrations to submit/update status to various fields of e-ANP as necessary in a timely manner in various ICAO CNS contributory bodies meetings.

1.2 The ICAO APAC e-ANP is published in **three volumes** and can be accessed at <http://www.icao.int/APAC/Pages/APAC-eANP.aspx>. *Appendix A - Procedure for the amendment (PfA) of Regional Air Navigation Plans* of ICAO APAC e-ANP Vol I shares detailed procedures to update all volumes of e-ANP. The Procedure for amendment (PfA) forms can be accessed at the ICAO APAC Webpage at [this link](#).

1.3 This paper shares concerns about outdated information provided in e-ANP Vol II and requests States/Administrations to update them following the PfA procedure.

2. DISCUSSION

2.1 As informed earlier, e-ANP is published in three volumes per the globally agreed Procedure in all regions.

e-ANP Volume I

2.2 *e-ANP Volume I Part III CNS* constitutes the agreed regional requirements considered the minimum necessary for effective planning and implementation of CNS facilities and services in the Asia and Pacific Region and complements the provisions of ICAO SARPs related to CNS. It contains **stable plan elements** related to the assignment of responsibilities to States for the provision of CNS

facilities and services within the ICAO Asia and Pacific Regions in accordance with Article 28 of the Convention on International Civil Aviation (Doc 7300) and mandatory requirements related to the CNS facilities and services to be implemented by States in accordance with regional air navigation agreements. The **amendments to e-ANP Volume I** necessitate **approval by the Council**.

e-ANP Volume II

2.3 *e-ANP Volume II Part III* CNS complements the provisions in ICAO SARPs and PANS related to CNS. It contains dynamic plan elements related to the assignment of responsibilities to States for the provision of CNS facilities and services within a specified area in accordance with Article 28 of the Convention on International Civil Aviation (Doc 7300) and the current to medium-term mandatory requirements related to CNS facilities and services to be implemented by States in accordance with regional air navigation agreements involving the APANPIRG. Such agreement indicates a commitment by the State(s) concerned to implement the specified requirement (s). The amendment of these elements **does not require approval by the Council**.

2.4 e-ANP Volume II contains the General Regional Requirements and Specific Regional Requirements related to CNS from Member States. As such, Member States are encouraged to review the information contained in the following tables in e-ANP Volume II:

General Regional Requirements

TABLE CNS II-1 AERONAUTICAL FIXED TELECOMMUNICATIONS NETWORK (AFTN) PLAN

TABLE CNS II-2 REQUIRED ATN INFRASTRUCTURE ROUTING PLAN

TABLE CNS II-3 ATS DIRECT SPEECH CIRCUITS PLAN

TABLE CNS II-4 HF NETWORK DESIGNATORS

Specific Regional Requirements

TABLE CNS II-APAC-1 ATS INTER-FACILITY DATA COMMUNICATION (AIDC) IMPLEMENTATION PLAN

TABLE CNS II-APAC-2 RADIO NAVIGATION AIDS

TABLE CNS II-APAC-3 SURVEILLANCE

e-ANP Volume III

2.5 e-ANP Volume III contains dynamic/flexible plan elements providing implementation planning guidance for air navigation systems and their modernization, taking into consideration emerging programs such as the ICAO Aviation System Block Upgrades (ASBUs) and associated technology roadmaps described in the Global Air Navigation Plan (GANP) (Doc 9750). The e-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).

2.6 It should be noted that e-ANP Volume III should be used as a tool for monitoring and reporting the status of implementation of the elements planned through the use of tables/databases and/or references to online monitoring tools, as endorsed by APANPIRG. The status of implementation is updated regularly as endorsed by APANPIRG. Updating e-ANP Vol III by incorporating the latest requirements defined in Seamless ANS Plan V4.0 is in process.

2.7 ICAO Secretariat has been presenting papers in various CNS contributory bodies' Meetings in the last 2 years to request States/Administrations to update the CNS tables mentioned in e-ANP Vol II, as most tables are outdated. However, no significant updates have been shared by the States/Administrations.

NEED FOR UPDATE OF TABLE CNS II-2 REQUIRED ATN INFRASTRUCTURE ROUTING PLAN

2.8 The ACSICG/11 meeting agreed to stop updating Table CNS II-1 and II-2 in APAC e-ANP Volume II, which is not standard practice. States/Administrations must update e-ANP on all volumes in case of any changes, following the standard procedure. During CRV OG/13 held from 5 to 8 March 2025, the meeting agreed that **CRV information be added to column number 7** of TABLE CNS II-2- REQUIRED ATN INFRASTRUCTURE ROUTING PLAN.

2.9 The current information provided in *TABLE CNS II-2- REQUIRED ATN INFRASTRUCTURE ROUTING PLAN* is outdated and requires immediate updates. The CRV OG/13 Meeting endorsed the following draft conclusion, which was supported by ACSICG/12 for CNS SG/29 adoption.

Draft Conclusion ACSICG/12/01 (CRV OG/13/04) - Update the TABLE CNS II-2-REQUIRED ATN INFRASTRUCTURE ROUTING PLAN			
What:		The current TABLE CNS II-2- REQUIRED ATN INFRASTRUCTURE ROUTING PLAN of ICAO APAC e-ANP Vol II is outdated and requires immediate updates.	
		Expected impact: ☐ Political / Global ☐ Inter-regional ☐ Economic ☐ Environmental ☒ Ops/Technical	
Why:		to update e-ANP Vol II	
		Follow-up:	
		☒ Required from States	
When:		28 March 2025	
		Status:	
		Draft to be adopted by Sub-group	
Who:		☒ Sub groups ☒ APAC States ☒ ICAO APAC RO ☐ ICAO HQ ☒ Other: ACSICG/CRV OG	

NEED FOR UPDATE OF TABLE CNS II-1, TABLE CNS II-3 and TABLE CNS II-APAC-1

2.10 The ACSICG/12 Meeting urged States/Administrations to review and update the **TABLE CNS II-1 AERONAUTICAL FIXED TELECOMMUNICATIONS NETWORK (AFTN) PLAN**, **TABLE CNS II-3 ATS DIRECT SPEECH CIRCUITS PLAN** and **TABLE CNS II-APAC-1 ATS INTER-FACILITY DATA COMMUNICATION (AIDC) IMPLEMENTATION PLAN** of e-ANP Vol II following the PfA process.

2.11 With the abovementioned, the following draft conclusion was proposed, which was endorsed by the ACSICG/12 Meeting for CNS SG/29 adoption.

Draft Conclusion ACSICG/12/08- Update the TABLE CNS II-1, TABLE CNS II-3 and TABLE CNS II-APAC-1	
What: The following tables of ICAO APAC e-ANP Vol II are outdated and require immediate updates. <u>General Regional Requirements</u> TABLE CNS II-1 AERONAUTICAL FIXED TELECOMMUNICATIONS NETWORK (AFTN) PLAN TABLE CNS II-3 ATS DIRECT SPEECH CIRCUITS PLAN <u>Specific Regional Requirements</u>	Expected impact: ☐ Political / Global ☐ Inter-regional ☐ Economic ☐ Environmental ☒ Ops/Technical

TABLE CNS II-APAC-1 ATS INTER-FACILITY DATA COMMUNICATION (AIDC) IMPLEMENTATION PLAN	
Why: to update e-ANP Vol II	Follow-up: ☒ Required from States
When: 28 March 2025	Status: Draft to be adopted by Sub-group
Who: ☒ Sub groups ☒ APAC States ☒ ICAO APAC RO ☐ ICAO HQ ☒ Other: ACSICG	

NEED FOR UPDATE OF TABLE CNS II-APAC-3- SURVEILLANCE

2.12 The SURICG/10 Meeting urged States/Administrations to verify and update the **TABLE CNS II-APAC-3- SURVEILLANCE** following the PfA process and endorsed the draft conclusion for CNS SG/29 adoption:

Draft Conclusion SURICG/10/01- Update the TABLE CNS II-APAC-3	
What: The current TABLE CNS II-APAC-3 SURVEILLANCE of e-ANP Vol II is outdated and requires immediate updates.	Expected impact: ☐ Political / Global ☐ Inter-regional ☐ Economic ☐ Environmental ☒ Ops/Technical
Why: to update ICAO APAC e-ANP Vol II	Follow-up: ☒ Required from States
When: 23 April 2025	Status: Draft to be adopted by Sub-group
Who: ☒ Sub groups ☒ APAC States ☒ ICAO APAC RO ☐ ICAO HQ ☒ Other: SURICG	

NEED FOR UPDATE OF TABLE CNS II-4- HF NETWORK DESIGNATORS

2.13 The SRWG/9 Meeting endorsed the following draft conclusion for CNS SG/29 adoption:

Draft Conclusion SRWG/09/01- Update the TABLE CNS II-4- HF NETWORK DESIGNATORS in ICAO APAC e-ANP Vol II	
What: States to provide an update on the current TABLE CNS II-4- HF NETWORK DESIGNATORS.	Expected impact: ☐ Political / Global ☐ Inter-regional ☐ Economic ☐ Environmental ☒ Ops/Technical
Why: The current TABLE CNS II-4-HF NETWORK DESIGNATORS is outdated and requires immediate updates in order to update e-ANP Vol II.	Follow-up: ☒ Required from States
When: 09 May 2025	Status: Draft to be adopted by Sub-group
Who: ☒ Sub groups ☒ APAC States ☒ ICAO APAC RO ☐ ICAO HQ ☒ Other: SRWG	

2.14 With the abovementioned, as a parent body, the CNS SG is responsible for maintaining and keeping up to date with the following tables:

General Regional Requirements

TABLE CNS II-1 AERONAUTICAL FIXED TELECOMMUNICATIONS NETWORK (AFTN) PLAN

TABLE CNS II-2 REQUIRED ATN INFRASTRUCTURE ROUTING PLAN

TABLE CNS II-3 ATS DIRECT SPEECH CIRCUITS PLAN

TABLE CNS II-4 HF NETWORK DESIGNATORS

Specific Regional Requirements

TABLE CNS II-APAC-1 ATS INTER-FACILITY DATA COMMUNICATION (AIDC) IMPLEMENTATION PLAN

TABLE CNS II-APAC-3 SURVEILLANCE

2.15 As there is no dedicated contributing body for navigation aids, the CNS SG/29 is requested to urge States/Administrations to update the following table:

TABLE CNS II-APAC-2 RADIO NAVIGATION AIDS

2.16 Combining proposed draft conclusions mentioned above endorsed by CRV OG/13, ACSICG/10, SURICG/12, and SRWG/09, along with the additional need to update TABLE CNS II-APAC-2 RADIO NAVIGATION AIDS, the meeting is invited to endorse the following draft conclusion:

Draft Conclusion CNS SG29/XXSG/29/12 (ACSICG/12/01(CRV OG/13/04), ACSICG/12/08, SURICG/10/01, SRWG/09/01) – Update the CNS Tables of ICAO APAC e-ANP Vol II		
What: The following tables of ICAO APAC e-ANP Vol II are outdated and require immediate updates. <u>General Regional Requirements</u> TABLE CNS II-1 AERONAUTICAL FIXED TELECOMMUNICATIONS NETWORK (AFTN) PLAN TABLE CNS II-2 REQUIRED ATN INFRASTRUCTURE ROUTING PLAN TABLE CNS II-3 ATS DIRECT SPEECH CIRCUITS PLAN TABLE CNS II-4 HF NETWORK DESIGNATORS <u>Specific Regional Requirements</u> TABLE CNS II-APAC-1 ATS INTER-FACILITY DATA COMMUNICATION (AIDC) IMPLEMENTATION PLAN TABLE CNS II-APAC-2 RADIO NAVIGATION AIDS TABLE CNS II-APAC-3 SURVEILLANCE	Expected impact: ☐ Political / Global ☐ Inter-regional ☐ Economic ☐ Environmental ☒ Ops/Technical	
Why: The current TABLEs related to CNS are outdated and require immediate updates in order to update e-ANP Vol II.	Follow-up: ☒ Required from States	
When: 20-Jun-25	Status: Draft to be adopted by Subgroup	
Who: ☒ Sub groups ☒ APAC States ☒ ICAO APAC RO ☐ ICAO HQ ☐ Other:		

2.17 If the draft conclusion is adopted by CNS SG/29, the ICAO Secretariat will issue a State Letter to all States/Administrations for necessary action after the CNS SG/29 meeting. States/Administrations are requested to update the required information in ICAO APAC e-ANP Vol II.

3. ACTION BY THE MEETING

3.1 The meeting is invited to:

- a) note the information in this paper
- b) urge States/Administrations to review and update all CNS tables in e-ANP Vol II following the PfA process;
- c) approach ICAO APAC Office in case of any assistance in using the process; and
- d) discuss any matters as appropriate.
