



ICAO

*International Civil Aviation Organization***Seventh Meeting of the Surveillance Implementation  
Coordination Group (SURICG/7)**

Video Teleconference, 24 - 27 May 2022

**Agenda Item 5:** Review of regional requirements for Surveillance in the e-ANP, Seamless ANS Plan and the reported implementation status

### **ATS SURVEILLANCE AND DIRECT CONTROLLER AND PILOT COMMUNICATION VHF COVERAGE CHARTS FOR APAC REGION**

(Presented by Secretariat)

#### **SUMMARY**

This Working Paper summarises the work and progress of updating the coverage charts of ATS Surveillance and Direct Controller and Pilot Communication (DCPC) for APAC Region that to be incorporated in the next update of the APAC Seamless ANS Plan.

## **1. INTRODUCTION**

1.1 There is a need to enhance the surveillance and Direct Controller and Pilot Communication (DCPC) VHF coverage where gaps exist in APAC Region along some of the busy air traffic routes at boundaries between FIRs. In addressing such need, the **Conclusion APANPIRG/29/22** was endorsed in 2018, where there is a mechanism to produce charts and regularly update them in a sustainable manner to show the latest situation in ATS surveillance and DCPC VHF coverage for the region, so that resources in enhancing the surveillance and DCPC VHF coverage to address the gaps can be prioritized and optimized in a holistic, collaborative and harmonized manner.

1.2 To serve the need of regular updating, the ICAO APAC Regional Office has issued the State Letter *AP027/22 (CNS)* in February 2022 for States/Administrations to respond to the survey.

## **2. DISCUSSION**

2.1. As of mid-May 2022, ICAO APAC Regional Office received response from 13 States/Administrations responded to the survey, namely: Australia, Hong Kong China, Indonesia, Japan, Macao China, Myanmar, New Zealand, Pakistan, Philippines, Republic of Korea, Singapore, Sri Lanka and Thailand. ICAO Secretariat would like to express gratitude to these States/Administrations for active support to the work of the ICAO APAC Regional Office.

2.2. With the great assistance provided by AEROTHAI, data received are being validated for correctness and the work is under progress. Subject to further coordination with States, coverage charts on DCPC and surveillance will be produced and expect to discuss in coming CNS SG/26 meeting in August 2022, and subsequently to be included in the next update of the APAC Seamless ANS Plan.

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2.3. The work is essential for the APAC Region to produce the overall pictures of ATS surveillance and DCPC VHF coverage, especially in the areas and regions identified in the APAC Seamless ANS Plan, to identify if any gaps in coverage thus formulating improvement plans in reducing such gaps.

2.4. States which have not yet replied the survey are hereby reminded to provide updates by replying the survey in the State Letter AP027/22 (CNS), such that the updated coverage charts would better reflect the DCPC and surveillance situation in the APAC Region. Subsequently relevant States/Administrations concerned are encouraged to work with appropriate parties to derive plans in addressing the coverage gaps, such as surveillance data sharing between FIRs or adoption of space based surveillance as appropriate.

**3. ACTION BY THE MEETING**

3.1. The meeting is invited to:

- a) note the information contained in this paper; and
- b) remind States/Administrations which have not yet responded to the survey to contribute relevant information to ICAO APAC Regional Office.

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