



ICAO

*International Civil Aviation Organization***Twelfth Meeting of the Common aeRonautical Virtual
Private Network Operations Group (CRV OG/12)***Denarau Island, Fiji, 23-26 January 2024*

Agenda Item 9: Review and update the APAC CRV Implementation Table

CURRENT STATUS OF CRV IMPLEMENTATION IN INDONESIA

(Presented by Indonesia)

SUMMARY

This paper provides information updated regarding the current status of CRV implementation in Indonesia.

1. INTRODUCTION

1.1 Indonesia has signed the service contract of CRV project with PCCW Global as the only selected service provider for the CRV network on first Quarter of 2022.

1.2 In accordance with the relevant Service Contract, Indonesia subscribed to the CRV Connection Package-C, which includes 3 Mbps of bandwidth for each of the two sites in Jakarta FIR and Ujung Pandang FIR to support Voice and Data connection. It's noting that first connection was in first Quarter of 2023.

1.3 Parallel to the above, since first Quarter of 2023, Indonesia along the adjacent States have arranged further coordination to establish its connection for related applications accordingly.

2. DISCUSSION

2.1 As to support the full implementation of CRV, it's agreed that some necessary activities need to be completed by its timeline, such as bilateral agreements, connection establishment, trial operations, full operations, and performance monitoring.

Data Connection Status

2.2 Since the first connection was made, Indonesia has successfully tested the AMHS connection over CRV with Singapore since Q4-2023 and the AMHS operation over CRV since 21 December 2023.

2.3 Furthermore, Indonesia also has successfully tested the AMHS connection over CRV with Australia since early January 2024, and the AMHS operation over CRV in January 2024.

2.4 Other data connections using CRV (E.g., ADS-B data sharing) will be discussed later within States.

Voice Connection Status

2.5 In addition to the data connection progress, it's noting that Indonesia and Australia voice connection started testing in October 2023. The Ujung Pandang FIR voice connection to Australia has successfully tested. However, the Jakarta FIR voice connection to Australia had some issues, which on the Jakarta FIR site have been solved and are ready for further testing for voice connection with Australia.

2.6 The existing lines between Indonesia and Singapore voice connection have been testing over CRV since August 2023 until November 2023, these connections are ready and used for operational purposes, and for the additional connections will be continued testing in 2024.

2.7 Indonesia and Malaysia have been testing voice connections over CRV since September 2023, and some issues have been raised during the test. The testing will be continued in 2024.

2.8 Indonesia and the Philippines have been testing voice connections over CRV since September 2023. The Ujung Pandang FIR voice connection to the Manila FIR have been successfully tested. The operational voice connection using CRV is expected in 2024.

2.9 Indonesia and Papua New Guinea have been testing voice connections over CRV since June 2023, and some issues have been raised during the test. The testing will be continued in 2024.

2.10 Indonesia and the USA have been testing voice connections over CRV since June 2023, and some issues have been raised during the test. The testing will be continued in 2024.

CRV Connection with Other Adjacent FIRs

2.11 Other voice and data connections with other adjacent FIRs are expected using CRV.

3. ACTION BY THE MEETING

3.1 The meeting is invited to:

- a) note the information contained in this paper; and
- b) discuss any relevant matter as appropriate.