



ICAO

*International Civil Aviation Organization***Eleventh Meeting of the Common aeRonautical Virtual Private Network Operations Group (CRV OG/11)***Bangkok, Thailand, 01-03 February 2023*

Agenda Item 8: States CRV Implementation, CRV Bandwidth Utilization Rate, and operations experience sharing

## **CURRENT STATUS OF CRV IMPLEMENTATION IN INDONESIA**

(Presented by Indonesia)

### **SUMMARY**

This paper provides information on the latest progress of CRV implementation in Indonesia.

## **1. INTRODUCTION**

1.1 To enable one of the objectives of Global Air Navigation Plan and Seamless ANS, the Common aeRonautical Virtual (CRV) comes to provide a cross-border cost-effective telecommunications network for Asia and Pacific States.

1.2 In order to support GANP agenda, 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 to be exact in March 17<sup>th</sup>, 2022.

1.3 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 in order to support Voice and Data connection.

1.4 The CRV links had been established on the CE side in Jakarta and Ujung Pandang, however Indonesia plans to accomplish the internal network integration, which is anticipated to be settled by the end of the first Quarter of 2023.

## **2. DISCUSSION**

2.1 As to support aforementioned agenda, Indonesia prepared the CRV connection to replace the existing point-to-point connection for Voice and Data.

2.2 In details, CRV Implementation timeline in Indonesia are as follow:

**Agenda Item 8**

01-03/02/23

## a) Voice

No	Activity	Q1	Q2	Q3	Q4
1.	Bilateral Agreement				
2.	Connection establishment (GRE Tunnel)				
	a. Indonesia – Singapore				
	b. Indonesia – Australia				
	c. Indonesia – The Philippines				
	d. Indonesia – USA				
	e. Indonesia – Papua New Guinea				
	f. Indonesia – Malaysia				
3.	Trial operation				
4.	Full operation				
5.	Performance monitoring				

## b) Data

No	Activity	Q1	Q2	Q3	Q4
1.	Bilateral Agreement				
2.	Connection establishment (GRE Tunnel)				
	a. Indonesia – Singapore				
	b. Indonesia – Australia				
	c. Indonesia – USA				
3.	Trial operation				
4.	Full operation				
5.	Performance monitoring				

**3. ACTION BY THE MEETING**

3.1 The meeting is invited to:

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

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