



ICAO

*International Civil Aviation Organization***Ninth Meeting of the Common aeRonautical Virtual
Private Network Operations Group (CRV OG/9)**

Video Teleconference, 25 – 27 January 2022

Agenda Item 7: States CRV Implementation and operations experience sharing**CRV IMPLEMENTATION STATUS OF MONGOLIA**
(Presented by Mongolia)**SUMMARY**

This paper presents the current progress on the CRV implementation.

1. INTRODUCTION

1.1 Mongolia presented its plan to sign a contract with PCCW GLOBAL in 2020 and start transmitting data to the APAC region in 2021 at the Sixth Meeting of the Common aeRonautical Virtual Private Network Operations Group (CRV OG /6) held on April 8-10, 2019. However, due to the outbreak of COVID-19 pandemic, the execution was delayed.

1.2 Negotiations with neighboring countries and stakeholders on CRVs and its use are critical to implementation. It is estimated that the cost of interconnection between Mongolia and the air traffic control centers of Russia and China will increased 4-5 times with the transition to the CRV B + package. Civil Aviation Authority of Mongolia (CAAM) believes overall cost will be reduced once all systems start exchanging data through CRV.

2. DISCUSSION**CRV Implementation Plan's current state**

2.1 The development of CRV Implementation Plan. It is noted that this plan has not been confirmed by other respective states and stakeholders.

- Mongolia received technical proposal for CRV from PCCW GLOBAL in 2019.
- Contract negotiation with PCCW GLOBAL in 2020 was delayed to 2022.
- CAAM procured network equipment for CRV implementation in 2021.
- CAAM and PCCWG made ICMP package test in 2021.
- CAAM will initially use D package connection to CRV then upgrade to package B and B+ as usage is extended.

- AMHS and ADP data exchanges with Beijing is to be implemented within 4th quarter of 2022.

3. ACTION REQUIRED BY THE MEETING

- 3.1 The meeting is invited to: amend as appropriate
- a) note the information contained in this papers; and
 - b) discuss any relevant matters as appropriate.

In order to ensure system reliability, is it possible to upgrade Package D to Package D+ which will have backup line. Please see the diagram below.

