



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

## **OPERATION STATUS AND EXPERIENCE SHARING OF CRV**

(Presented by China)

### **SUMMARY**

This paper presents the CRV operation status and experience sharing in China, including the connections status and performance.

## **1. INTRODUCTION**

1.1 China has been joining the CRV since October 2020. After one year of operation, China would like to share experiences with OG members to help them better use CRV

## **2. DISCUSSION**

2.1 Currently, China has single access point that connect to CRV network for data. Package A is implemented in Beijing side and the bandwidth is 3M. The domestic network of China setup interface for connecting the CRV. If the traffic requirement need to connect other city in China, it will be communicated by China domestic network that base on MPLS/VPN network.

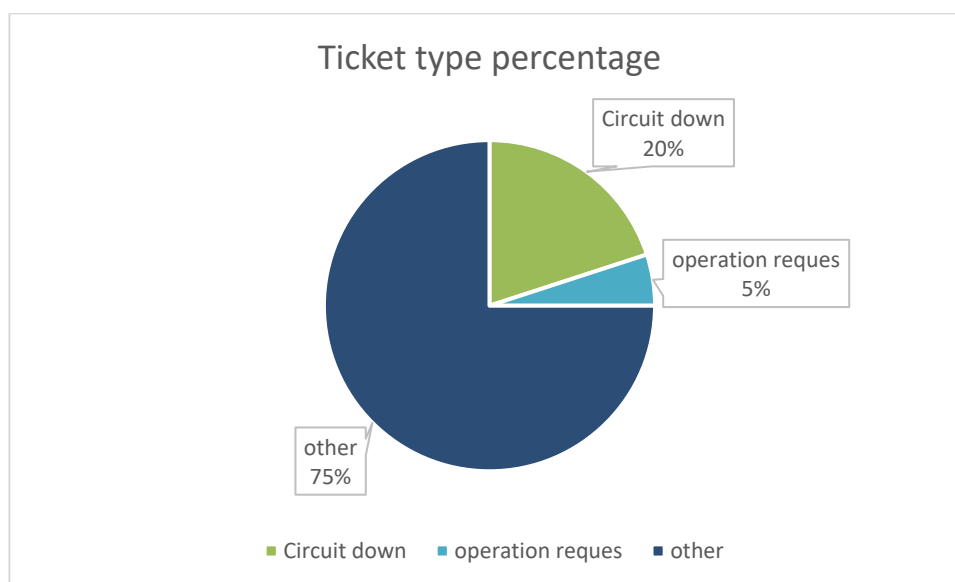
2.2 China has completed the transition and creation of AMHS and ATFM connection with States/Administrations that have joined CRV as provided in the Table below.

States/Administrations	Traffic	Time	Remark
Japan	AMHS	11,March,2021	New AMHS Connection
Japan	ATFM	26,March,2021	To Shang Hai ATFM Center
Hong Kong, China	AMHS	30,March,2021	Migrate from OSI Connection
Korea	AMHS	2021	Test

2.3 According the cost-benefit analysis, CRV service has saved cost at least three circuits from multinational telecom operators. At least five circuits are expected to be saved cost over the next few years. The benefits are significant in the COVID-19.

2.4 The performance of CRV service is stable after one year of operation. The circuit was interrupted 4 times in total. There was only one interruption that affected service (to Hong Kong China AMHS), on June 3, 2021. Services are transmitted over AFTN circuit during the interruption. The SLA percentage better than goal value (99.97%).

2.5 A total of 20 tickets been created in the past year.18 tickets have been closed successful.2 tickets was worked in progress. The ticket type chart as below:



2.6 It is recommended that CRV users use the PCCW Customer Service Portal for get adequate information and help. PCCW improves service quality through proactive service and reflection.

### 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

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