



ICAO

International Civil Aviation Organization

**Eighth Meeting of the Common aeRonautical Virtual
Private Network Operations Group (CRV OG/8)**

Video Teleconference, 17 – 19 May 2021

Agenda Item 6: Review and update the AMHS/ATN Implementation Status table and the APAC CRV Implementation Table

**BACKUP B2B INTERNET SERVICE
BETWEEN
FAA AND AIRSERVICES**

(Presented by Federal Aviation Administration/USA)

SUMMARY

This paper presents newly implemented B2B internet service between FAA and AirServices Australia as a backup to CRV. This B2B internet backup is designed to support AMHS.

1. INTRODUCTION

1.1 Since joining the CRV beginning in 2018, FAA telecommunication services to the Asia/Pacific region now rely solely on the CRV.

1.2 CRV OG/6 meeting concluded that CRV only has one instance of its MPLS core access in the Pacific region.

1.3 AirServices has since coordinated with FAA to establish a B2B VPN over the internet as a backup in case of catastrophic failure that may cause disruption to ANSPs in the Pacific region.

2. DISCUSSION

2.1 In May 2021, FAA and AirServices have successfully completed the testing of B2B connections at AMHS MTAs located at Salt Lake City and Brisbane.

2.2 The B2B connection at these two AMHS MTAs will be permanently available. This connection will be tested monthly following the AIRAC cycle.

2.3 This B2B connection is solely used to backup the CRV connection between the Salt Lake City AMHS and Brisbane AMHS when the CRV MPLS core or its Provider Edge (PE) routers are completely inoperable and AMHS alternative routing cannot be performed.

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
