



ICAO

*International Civil Aviation Organization***Thirteenth Meeting of the Common Aeronautical
Virtual Private Network Operations Group (CRV
OG/13)***Wellington, New Zealand, 05-08 March 2025*

Agenda Item 9:

CRV Operational Performance Report

- CRV operational issues/matters
- CRV Bandwidth Utilization Rate
- Future bandwidth requirements

CRV ADDITIONS IN AMC

(Presented by the Secretariat)

SUMMARY

This paper presents information about ongoing work on the addition of CRV Implementation status in AMC by Eurocontrol.

1. INTRODUCTION

1.1 EUROCONTROL implements the ATS Messaging Management Centre (AMC) to provide offline network management services supporting the ground ATS Messaging network of Air Navigation Service Providers (ANSPs). The key functions of the AMC are address management and routing management. It integrates the Aeronautical Fixed Telecommunications Network (AFTN), the Common ICAO Data Interchange Network (CIDIN) and the ATS Message Handling System (AMHS) to transparently deliver operational ATS Messages on a global basis.

1.2 At present, AEROTHAI operates as APAC AMC Point of Contact (POC) for all ICAO members who operate as CCC Operators (Co-ordination COM Centres) or External COM Centre Operators in Asia/Pacific Region to update the AFTN/AMHS information via the [AMC portal](#) based on the AIRAC cycle.

2. DISCUSSION

2.1. [The AMC portal](#) has functions to download the operational COM chart in the graphics provided in **Appendix A**. The chart can present and differentiate among CIDIN/AFTN COM Centre, AFTN COM Centre, AMHS COM Centre, CIDIN Link with Line Speed, AMHS Link with Line Speed, and other types of nodes segregated by color coding. However, the chart can display only the EUR/NAT regional IP network, New PENS. AMC users/operators can also download the AMHS/PENS chart as provided in **Appendix B**.

2.2. The Joint Meeting of CRV OG Experts and SWIM TF TLs held on 12 November 2024 discussed that the COM chart downloaded from the AMC portal shows the interconnection of various ANSPs in the APAC region. However, it does not reflect which type of network it is using. It was

recalled that the ATN Infrastructure table on the CRV portal contains CRV interconnection information. In addition, the AMC COM chart has information about the New PENS interconnection. CRV and SWIM Experts suggested that the ICAO Secretariat coordinate with AMC to check if CRV network information can be added to the AMC portal.

2.3. The ICAO Secretariat shared the request of CRV and SWIM experts with the Eurocontrol point of contact for AMC portal management. In response, Eurocontrol informed that they had considered the request and decided to update the AMC application to take into account the pan-regional networks for each of the ICAO regions. Concerning the data entry, the Supplier field in the Network Inventory/Connections has to be populated with “CRV” by all applicable states. Eurocontrol intends to update the AMC application to align with the same PENS approach in March 2025. Eurocontrol will inform us when the work is completed. Further progress on this request will be shared with future CRV OG and ACSICG meetings.

3. ACTION BY THE MEETING

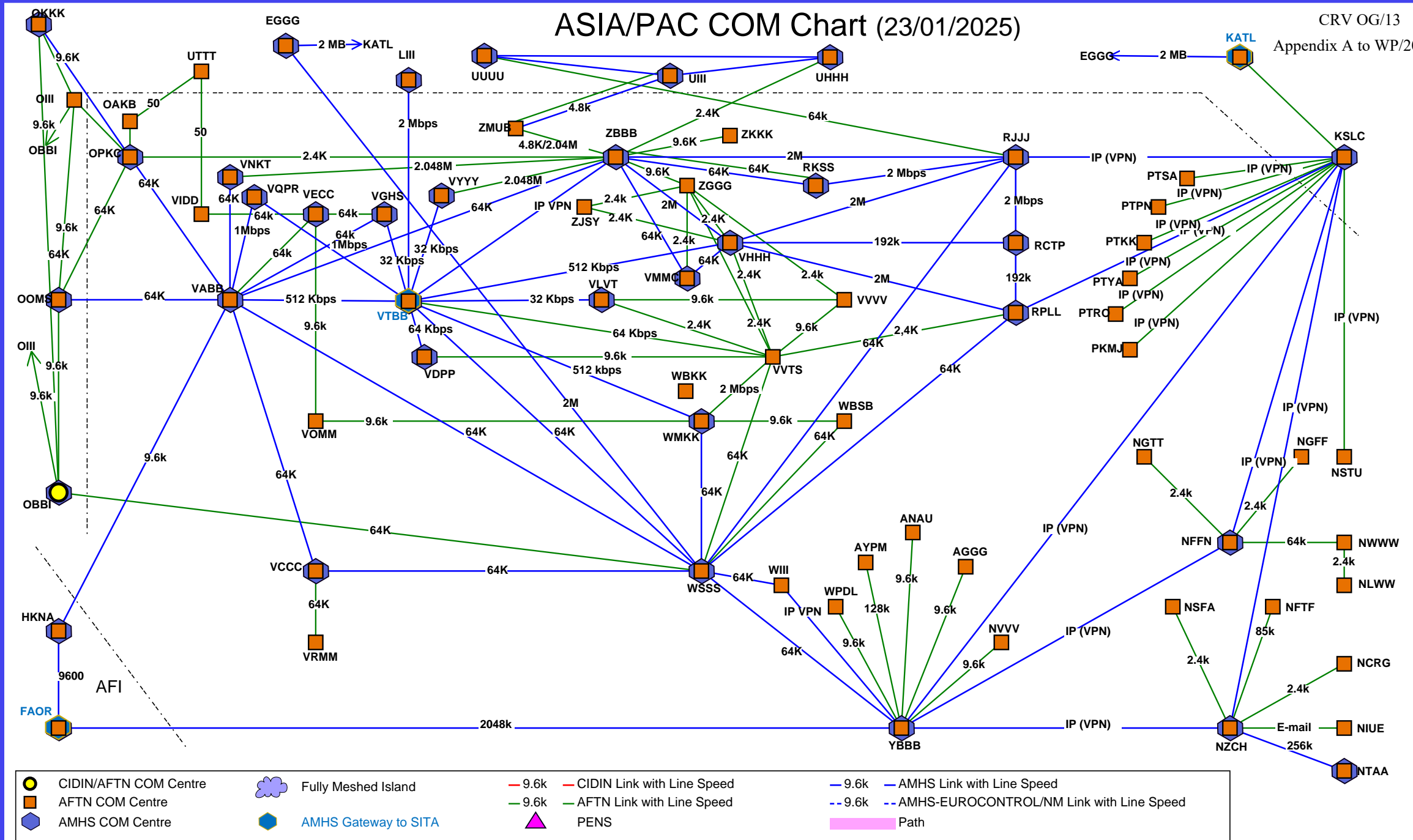
3.1 The meeting is invited to:

- a) note the information in this paper;
- b) review and update information to AMC via AEROTHAI if necessary, including points of contact; and
- c) discuss any relevant matter as appropriate.

ASIA/PAC COM Chart (23/01/2025)

CRV OG/13

Appendix A to WP/20



CRV OG/13
Appendix B to WP/20

