



CONNECTING THE ASIA- PACIFIC ANSP: THE COMMON REGIONAL VIRTUAL PRIVATE NETWORK (VPN)

ICAO APAC Office

DGCA – 51/DP/3.6/4

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AN-Conf/12 Recommendation 1/6 on Data communications issues

That ICAO:

- a) organize a multidisciplinary review of air traffic control communication requirements and issues; and
- b) **review the operation, management and modernization of a regional digital network technical cooperation project and other similar regional experiences** with the aim that this efficient practice can be adapted for use in other ICAO regions;

That States:

- c) explore multi-modal solutions when appropriate to overcome transition issues; and
- d) anticipate and **accelerate the migration of air traffic management communication systems towards more efficient technologies to timely service the aviation system block upgrade modules.**



Conclusion APANPIRG 25/34 – Aeronautical Common Regional Virtual (CRV) private network in APAC stage I

That,

- a) Considering the number of States/Administrations (Australia, Fiji, France, Hong Kong China, India, Japan, Macao China, Malaysia, New Zealand, Philippines, Singapore, Thailand, and USA) that expressed interest to date (10 September 2014) to be Pioneer Parties and sign the MSA;
- b) Considering the favorable Cost Benefit for CRV operations as a major enabler for achieving GANP 4th edition roadmap;
 - i. The **Management Service Agreement** (MSA) provided in APANPIRG/25/WP09, flimsy 1, Appendix B **be adopted**, pending some finer adjustments;
 - ii. States/Administrations in APAC Region which have not expressed interest be urged to **become Pioneer Parties** before 14 November 2014 or join for Stage 2;
 - iii. States/Administrations **sign the MSA before 15 December 2014** and transfer the necessary funds to ICAO TCB for its services before 31 January 2015;
 - iv. CRV Pioneer States be recommended to plan a provisional budget of USD20,000 with the view of **funding on an equal basis the cost of TCB services in Stage 1 of the CRV project.**

Stage 1 Deliverables

- Concept of Operations
- (Mature) Cost Benefit Analysis
- User Requirements (including a preliminary safety case)
- Selection of a common CRV (communication) service provider
- Common provisions (Note: individual contracts between CRV service provider & States/Entities)



Next Steps (Stage 2) – CRV Operations expected to start end of 2016

- Document of Agreement (DoA)
 - Establish and ensure compliance with the common provisions
 - Empower an Oversight Operations Group (OOG) to oversee the performance of the selected service provider
- Need for SME and Legal focal points (for CRV Task Force)



Recommendation:

- Note the information in this Paper;
- Pioneer parties be urged to sign the MSA before 15 December 2014; and
- States/Administrations include/nominate in addition to their SME/Technical expert a focal point coordinator from the legal department of the signing entity to participate in the drafting of the Stage 2 Document of Agreement by the CRV Task Force.