



**Twenty First Meeting of the  
Informal South Pacific ATS Co-ordinating Group (ISPACG/21)**

Auckland, New Zealand, 6-8 March 2007

---

Agenda Item 3: Review relevant work conducted since the last meeting.

**GUIDANCE MATERIAL – DATA LINK GROUND EQUIPMENT**

(Presented by the ICAO Asia/Pacific Regional Office)

**SUMMARY**

This paper provides, for review by the meeting, preliminary guidance material in relation to the procurement, deployment and implementation of integrated data link systems.

**1. INTRODUCTION**

1.1 In recognizing the lack of suitable guidance material in relation to the procurement, deployment and implementation of integrated data link systems (including AFN, ADS, CPDLC and AIDC), the APANPIRG Regional Airspace Safety Monitoring Advisory Group (RASMAG) had commenced work towards drafting suitable regional guidance material in this respect.

**2. DISCUSSION**

2.1 The drafting of guidance material has continued since RASMAG/5 (June 2006). The draft material presented at RASMAG/5 was also presented to the 10<sup>th</sup> meeting of the CNS/MET Sub-group (July 2006, Bangkok) for information and feedback.

2.2 RASMAG/6 (November 2006) suggested a number of editorial corrections and additions, including the insertion of additional information explaining that data link implementation was ultimately aimed at enabling reduced lateral and longitudinal separations for RNP10 and RNP4 flights with the ultimate objective of achieving 30 NM/30 NM spacing. Some short comments in relation to the need for Central Reporting Agency (CRA) services and monitoring both before and after commissioning were also considered advantageous.

2.3 A copy of the draft *Asia/Pacific Guidance Material for ADS/CPDLC/AODC Ground Systems Procurement and Implementation* is included as the **attachment** to this paper.

2.4 The primary authors from Japan and New Zealand consider that the material is now complete, but suggested to RASMAG/6 that it be circulated to the FANS Implementation Team – for the Bay of Bengal (FIT-BOB) and South-East Asia (FIT-SEA), Informal Pacific ATC Coordinating Group (IPACG) and Informal South Pacific ATS Coordination Group (ISPACG) for comment. Final adjustments would be made to the draft during the next RASMAG meeting scheduled in June 2007, with a view to presenting the Guidance Material to APANPIRG/18 in September 2007 for adoption as regional guidance material.

### **3. ACTION BY THE MEETING**

3.1 The meeting is invited to:

- a) review the attached draft documentation; and
- b) feedback comments to the ICAO Asia/Pacific Regional Office by the end of April 2007 for consideration by RASMAG/7 (planned in June 2007).

.....