

**Twenty Second Meeting of the  
Informal South Pacific ATS Co-ordinating Group (ISPACG/22)**

Papeete, Tahiti, 12-14 March 2008

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**Agenda Item 3: Review Work Conducted Since ISPACG/21**

**FMC Waypoint Reporting**

**Presented by Airservices Australia**

**SUMMARY**

Airservices Australia is considering the benefits and issues associated with FMC WPR with the view to conducting a trial in the future.

**1. Introduction**

- 1.1 ISPACG/22 WP/16 describes the FMC WPR trial being conducted in the Auckland FIR by Airways New Zealand and Air New Zealand. The working paper also asks the meeting to consider whether FMC WPR would be beneficial in other FIRs.

**2. Discussion**

- 2.1 Airservices Australia supports the concept of and benefits associated with FMC WPR. It has been agreed to progress discussions with a view to conducting a trial in the future. The time frame for such a trial is yet to be determined.
- 2.2 There are a number of issues which need to be resolved – some of which have probably already been overcome by Airways. These issues include, *inter alia*:
- HF Frequency transfers (outbound flights)  
*How are HF frequencies for the next FIR notified to the aircraft? What about changes of frequency en-route?*
  - VHF frequency transfers (inbound flights)  
*How are VHF frequencies for the first ATC sector notified to the aircraft?*
  - SSR codes  
*Whilst most SSR codes are “retained” between NZZO and YBBB, some flights require an SSR code to be issued.*
  - Phraseologies  
*What phraseology is used to transfer an aircraft from VHF to FMC WPR? It is desirable to keep this standardized.*

- **Format of ARP**  
*The format of the sample ARPs in WP/16 are not supported by TAAATS. There would also need to be discussion concerning the format of lat/longs contained within the ARP (e.g. for a flight on a non-ATS route).*
- Will SELCAL checks still occur?

2.3 During the development of their FMC WPR project, Airways made software modifications to OCS in order to support FMC reports of estimate revisions and level maintenance. The capability to support these types of messages will not be available in TAAATS.

### **3. Action by the Meeting**

3.1 The meeting is invited to note that Airservices Australia is considering conducting an FNC WPR trial in the future.