

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

Papeete, Tahiti, 12-14 March 2008

**Agenda Item 4: Implementation of 30/30
AI 16-8**

Frequency of application of 30/30 separation in Tasman and Coral Seas

Presented by Airservices Australia

SUMMARY

This information paper provides information concerning the frequency of application of the 30/30NM separation minima in the Tasman and Coral Sea airspaces.

1. Introduction

- 1.1 Use of the ICAO 30NM lateral and longitudinal separation standard was implemented in the oceanic airspace east of Australia in January 2005.
- 1.2 IP/08 from ISPACG/21 provided information concerning the use of 30/30 during Dec 2006. Interest has continued to be expressed concerning the frequency of application of this separation standard.

2. Discussion

- 2.1 The use of the 30/30 separation minima is still not very common within the Tasman/Coral sea airspace. A recent data analysis of ADS-C reporting rates indicated that 30/30 was used on 5 occasions during December 2007, and on 4 occasions during January 2008. This is actually less than for the same period last year! The main reason for the low usage is the relatively small number of RNP4 aircraft that are operating in the same airspace at the same time – many conflicts that occur are between RNP4 and non-RNP4 aircraft which means that 30/30 is not available.
- 2.2 Data indicates that in the Tasman/Coral Sea airspaces, the primary use of this separation standard is for the application of longitudinal separation but several occurrences of 30NM lateral separation were observed.
- 2.3 The following tables provide information concerning the aircraft pairs to which 30/30 was being applied:

ANZ123 QFA26	ZK-NBV Wed Dec 5 20:30:45 2007 VH-OJE Wed Dec 5 20:30:53 2007
UAL840 QFA11	N196UA Sat Dec 8 05:25:45 2007 VH-OEF Sat Dec 8 05:25:50 2007
QFA11 QFA73	VH-OEG Fri Dec 21 06:37:42 2007 VH-OEE Fri Dec 21 06:37:51 2007
UAE412 UAE406	A6-ERF Wed Dec 26 22:54:25 2007 A6-ERC Wed Dec 26 22:54:29 2007
QFA74 UAL839	VH-OEF Mon Dec 31 19:35:10 2007 N117UA Mon Dec 31 19:35:16 2007

Table 1. 30/30 aircraft pairs (Dec 2007)

QFA26 ANZ123	VH-OJI Fri Jan 4 20:50:18 2008 ZK-NBU Fri Jan 4 20:50:24 2008
UAE412 UAE406	A6-ERF Sun Jan 6 22:56:32 2008 A6-ERG Sun Jan 6 22:56:40 2008
UAL863 ANZ135	N194UA Thu Jan 17 22:31:48 2008 ZK-OKF Thu Jan 17 22:31:54 2008
UAL863 UAL839	N116UA Tue Jan 29 19:19:28 2008 N174UA Tue Jan 29 19:19:37 2008

Table 2. 30/30 aircraft pairs (Jan 2008)

3. Action by the Meeting

- 3.1 The meeting is invited to note the attached information concerning the usage of the 30/30 separation minima within the Tasman and Coral Sea airspace.