



FANS Interoperability Team (SOPAC-FIT) 14th Meeting

Auckland, New Zealand, 5-6 March 2007

Agenda Item 4:

System Capacity Planning

(Presented by Airways New Zealand)

SUMMARY

The increase in FANS-1/A traffic seen in the last few years was not anticipated by the datalink service providers and has been given as one reason for the significant system performance degradation seen during 2005 and 2006. This paper proposes that the FIT recommend to ISPACG that the ATS traffic forecasting form be adopted and included in the routine returns to the CRA for transmission to the global capacity planning group.

1. INTRODUCTION

- 1.1 The significant increase in FANS-1/A traffic worldwide and the deteriorating performance seen through 2005 and 2006 partly attributed to capacity issues at the Perth GES highlighted the need for more structured capacity planning.
- 1.2 A global capacity planning team has been constituted and is looking for inputs from ATSU's in order to provide more accurate forecasting of capacity requirements.

2. DISCUSSION

- 2.1 A proposed ATS traffic forecasting form has been circulating since September 2006 and a recent version is attached for information.
- 2.2 To help prevent a repeat of the system performance degradation that was seen it will be necessary to provide actual traffic and forecasts to the planning group. For the ISPACG grouping one method would be for the individual ATSU's to forward their completed ATS traffic forecasting forms to the CRA who can then forward them to the global capacity group.
- 2.3 It is proposed that individual ATSU's will complete the traffic forecasting form every six months providing a forecast for the next 12 month period.

3. RECOMMENDATION

3.1 It is recommended that:

- (i) The FIT agree the need for enhanced global capacity planning.
- (ii) The FIT agree that the ATS traffic forecasting form will provide the necessary ISPACG input to the global capacity planning group.
- (iii) That the FIT propose that ISPACG take action to implement the ATS traffic forecasting form as a CRA reporting requirement for individual ATSU's.