



ASSEMBLY — 38TH SESSION

TECHNICAL COMMISSION

Agenda Item 34: Air Navigation — Monitoring and Analysis

**COORDINATION ON RADIO FREQUENCY SPECTRUM MATTERS – NEW ZEALAND’S
AVIATION SPECTRUM GROUP**

(Presented by New Zealand)

EXECUTIVE SUMMARY

This paper presents a method for coordinating a State’s activities to support aviation radio frequency spectrum requirements within the scope of the International Telecommunication Union (ITU) World Radio communication Conferences (WRCs). The paper supports Working Paper A38-WP/89, *ICAO Policy on Radio Frequency Spectrum Matters*.

<i>Strategic Objectives:</i>	This working paper relates to the Safety and the Environmental Protection and Sustainable Development of Air Transport Strategic Objectives.
<i>Financial implications:</i>	Not applicable.
<i>References:</i>	Doc 9718, <i>Handbook on radio frequency spectrum requirements for civil aviation including statement of approved ICAO policies</i> Working Paper A38-WP/89, <i>ICAO Policy on Radio Frequency Spectrum Matters</i>

1. INTRODUCTION

1.1 In support of Working Paper A38-WP/89, *ICAO Policy on Radio Frequency Spectrum Matters*, this paper describes the mechanism by which New Zealand develops an aviation position on radio frequency spectrum matters and how this position influences the national position for World Radio Conferences.

2. THE AVIATION SPECTRUM GROUP

2.1 The Civil Aviation Authority of New Zealand established an Aviation Spectrum Group (ASG) in 2004 to provide a forum for the discussion, coordination and formulation of views from the New Zealand aviation sector on matters related to the radio frequency spectrum and its uses for communications, navigation and surveillance.

2.2 Membership of the ASG is open to representatives from every sector of the New Zealand aviation community with an interest in aviation use of the radio spectrum, including the air navigation service provider and the airline, general aviation and defence communities, either as users or as spectrum and frequency regulatory experts. A representative of the State radio regulatory authority, the Ministry of Business, Innovation and Employment (MBIE), attends ASG meetings in an advisory capacity.

2.3 The ASG represents these aviation views on spectrum matters to the MBIE as appropriate and participates in the New Zealand preparatory processes for relevant international meetings and conferences, particularly those of the International Telecommunication Union (ITU) and the Asia-Pacific Telecommunity (APT). The ASG also monitors activities related to spectrum issues in the ICAO communication and navigation panels and working groups.

2.4 The ASG develops a position on aviation-related agenda items for each ITU World Radio Conference. The ASG positions for the World Radio Conferences held in 2007 (WRC-07) and 2012 (WRC-12), which supported the ICAO positions, were fully incorporated into the New Zealand position.

2.5 In developing the New Zealand aviation position for WRC-15, the ASG is closely following radio spectrum activities within ICAO and will support the ICAO position. The aviation position will be passed to the MBIE for approval and subsequent incorporation into the New Zealand position for the APT Preparatory Group meetings and for the WRC.

3. CONCLUSION

3.1 New Zealand has found the ASG to be a most effective means of influencing the national input to both the regional preparatory group and to the WRC itself, and recommends other States to consider establishing similar groups.

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