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Spectrum Management and Telecommunications Policy

Radiocommunication Information Circular

# **Implementation in Canada of 25 kHz Channelling for the Aeronautical Mobile (R) En-Route Band of 128.8125-132.0125 MHz**

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1. The provision of additional frequencies to ensure the continued and orderly growth of the aeronautical mobile en-route service has been the subject of studies in the Department. The outcome of these studies led to negotiations with the American authorities which culminated in Canada and the United States jointly adopting a 25 kHz interim channelling arrangement for the aeronautical mobile (R) en-route band of 128.8125-132.0125 MHz. This arrangement became effective on February 14, 1978 and provides for the equitable sharing of the 25 kHz channels by Canada and the United States.
2. Assignments made on the basis of 50 or 100 kHz channels will be protected in assigning new 25 kHz channels until February 1, 1981, at which time a 25 kHz channel environment will be established in the band. While the Department will renew licences for broadband equipment existing on February 1, 1981, the continued use of such equipment shall not cause interference to properly operating 25 kHz equipment nor bar the assignment of a 25 kHz channel. In the event of conflicts between narrowband and broadband channels, licensees of broadband equipment will be required to modify or replace their equipment. Equipment purchased subsequent to February 1, 1981 for operation in the 128.8125-132.0125 MHz band must meet the criteria for 25 kHz channel operation. In the meantime, it may be advantageous for aeronautical operators to assure that new equipment purchased have a 25 kHz channelling capability. This equipment will be evaluated by the Department in keeping with existing procedures for technical acceptance.