

Review of spectrum allocations for studio to transmitter links

The Ministry of Economic Development initiated a review of the spectrum allocations for Studio to Transmitter Links (STLs) by releasing an engineering discussion paper in January 2005. To assist with the preparation of submissions to this Discussion Paper, the Ministry held an industry workshop in Auckland in February 2005.

Analysis of the submissions received in response to this engineering discussion paper and the subsequent workshop have clarified the existing operational policy for granting licences for STL operations in the 400 MHz range and revealed that further technical studies, and further consultation was required.

A second Engineering Discussion paper was published in December 2005. The second discussion paper contained a number of proposals concerning possible future frequency band arrangements for STLs and also includes a summary of the results of the studies indicated above. Analysis of the submissions received in response to this discussion paper has led to clarification of the existing operational policies for analogue STLs, brought together the relevant outputs of Ministry consultations related to the provision of spectrum for short range devices and broadband wireless access, and achieved consensus on a number of technical issues including; engineering guidelines for digital STL technologies, and proposed arrangements (should they be required) for moving licences from 915 - 921 MHz range. In the meantime a moratorium will be placed on new licences in the 915 - 921 MHz range.

Further progress on the review is dependant on the outcome of two other Ministry initiatives; the renewal of cellular rights in the 800/900 MHz range, and new regulatory provisions for the security of tenure of radio licences. Once the outcome of these initiatives is known the Ministry will consult on a wider review of spectrum utilisation in the 800/900 MHz range.

[Summary of submissions and conclusions: stage 2](#)

This document contains the analysis of the submissions received in response to the second Engineering Discussion paper that was published in December 2005. The document has led to clarification of existing operational policies for analogue STLs, brings together the relevant outputs of Ministry consultations related to the provision of spectrum for short range devices and broadband wireless access, and indicates where consensus has been achieved on technical issues.

[Engineering discussion paper on spectrum allocations for studio to transmitter Links: stage 2](#)

In December 2004 the Ministry of Economic Development issued An Engineering Discussion Paper on Spectrum Allocations for Studio to Transmitter Links in support of radio broadcasting. The industry was invited to comment on the current spectrum allocations and band arrangements for issuing Studio to Transmitter Link (STL) licenses and how the utilisation of this spectrum may be improved to accommodate the anticipated growth in demand.

[Summary of submissions and conclusions](#)

In December 2004 The Ministry of Economic Development issued an Engineering Discussion Paper on Spectrum Allocations for Studio to Transmitter Links (STL). The discussion paper invited submissions on a range of issues which could contribute to better spectrum utilisation by STLs. This paper summarises the submissions received and identifies the actions to be taken by the Ministry.

[Media statements](#)

Media Statements from Hon David Cunliffe, Minister of Communications.

[An engineering discussion paper on spectrum allocations for studio to transmitter links](#)

This paper studies the current trends in studio to transmitter link spectrum usage and considers how these developments may be used to help accommodate new demands while maintaining the integrity of the current networks.