

# RADIO SPECTRUM ALLOCATIONS IN NEW ZEALAND

The radio spectrum is defined as all electromagnetic energy, of frequency arbitrarily lower than 3000 gigahertz, propagated in free space.

The radio spectrum is an important resource managed by the Crown, through the Ministry of Economic Development, on behalf of the people of New Zealand. The efficient use of this resource to provide safety-of-life, telecommunications, broadcasting and other services is essential to the functioning of a modern economy.

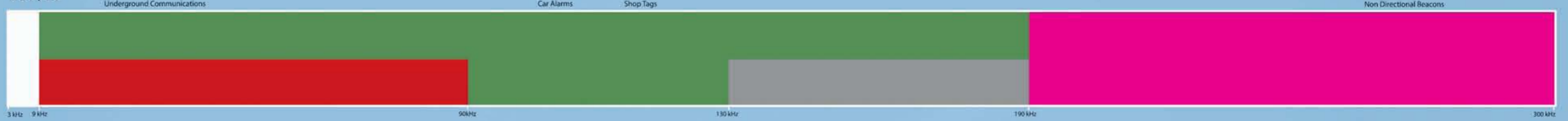
The Ministry of Economic Development is responsible for providing advice to Government on the allocation of radio frequencies to meet the demands of emerging technologies and services, in order to ensure that the radio spectrum provides the greatest economic and social benefit to New Zealand society.

Radio frequency bands are planned for various services in accordance with Government policy directives, international practices, and technical standards. Persons wishing to utilise frequencies in accordance with these plans apply for a licence for which an annual fee is often charged.

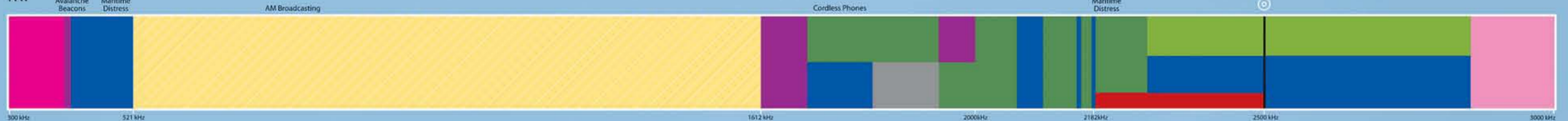
Prior to 1989, Radio licensing was the sole means for managing access to the spectrum resource. The Radiocommunications Act 1989, however, mandated alternative access based on tradable long-term leases for periods of up to 20 years. The Act enables the Crown to provide such alternative access by the creation of a Management Right over a range of frequencies. The Crown or a private concern may hold the Management Right and grant Spectrum Licences for services operating on frequencies within the associated frequency band.

This document shows in simplified form the significant primary radio frequency band usage in New Zealand. Many bands are also utilised for secondary purposes which are not shown. Hence the document must be regarded as indicative only, and the Crown does not accept any responsibility whether in contract, tort, equity or otherwise for any action taken, or reliance placed on, any part, or all, of the information in this document or for any error in or omission from, this document.

## VLF/LF



## MF



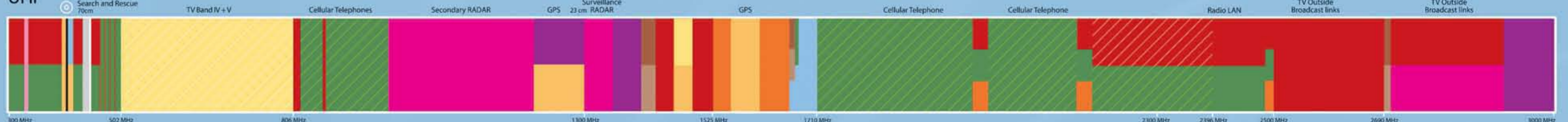
## HF



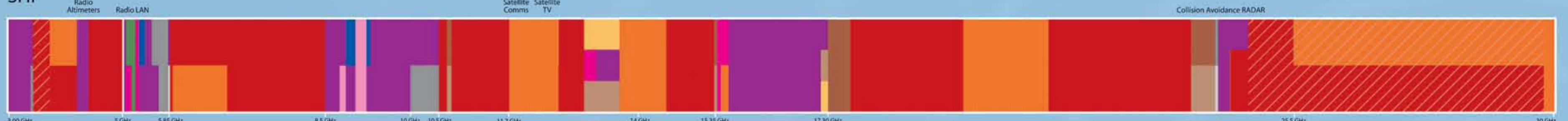
## VHF



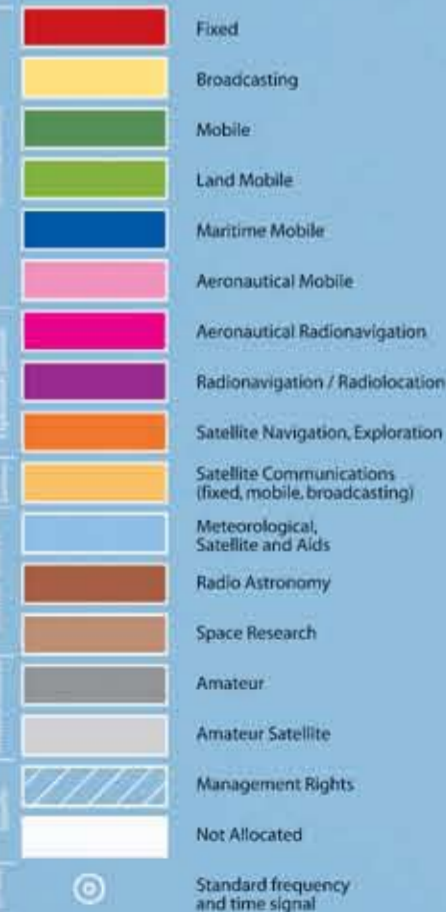
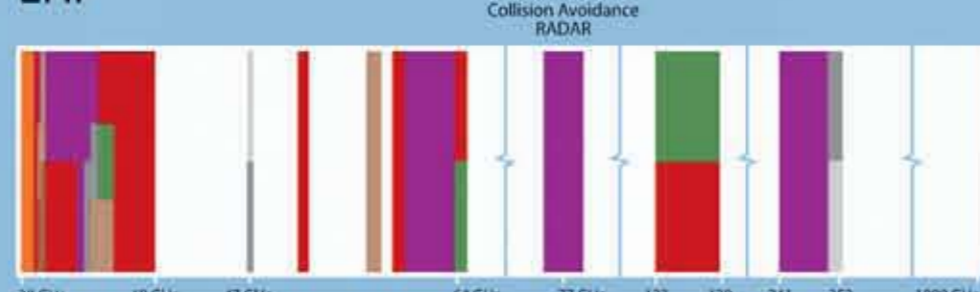
## UHF



## SHF



## EHF



Enquiries are welcomed, and should be directed to:  
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