

## EMBARGO 48

<b>FREQUENCY RANGE:</b>	5850–5925 MHz
<b>SUBJECT:</b>	Embargo on new frequency assignments to support planning for the introduction of intelligent transport systems
<b>DATE OF EFFECT:</b>	24 April 2008
<b>COVERAGE:</b>	Australia-wide
<b>TIME FRAME:</b>	Until further notice

### INSTRUCTIONS

No new frequency assignments are to be made in the frequency band 5850–5925 MHz. The embargo applies to all apparatus-licensed stations for any location in Australia or its Territories. This includes frequency assignments for existing licensees seeking to expand or modify their radiocommunications systems in the band.

This embargo also applies to proposed services, any part of whose necessary emission bandwidth is within the embargoed frequency band, and includes channel 1 of the interleaved channelling plan for the 6 GHz band described in the Radiocommunications Assignment and Licensing Instruction (RALI) FX 3.

Exceptions to this embargo require case-by-case consideration and the approval of the Manager, Spectrum Engineering Section.

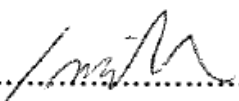
### REASON

The purpose of the embargo is to support planning for the introduction of intelligent transport systems (ITS) into Australia. ACMA is considering the international development of regulatory and channelling arrangements, and the development of Australian requirements, for ITS in the band; and needs to preserve the availability of the band for future use by ITS in Australia.

### COMMENTS

ITS involves the application of information and communications technology (ICT) to solve transport issues such as safety, mobility and pollution. ITS uses a broad range of wireless technologies intended to be incorporated in transport system infrastructure and in vehicles. ITS uses dedicated short-range communications (DSRC) technologies and typically involves data transfer over short distances between infrastructure and vehicles, and between vehicles. The introduction of ITS and the planning of its spectrum requirements is supported by Australian road safety and planning authorities.

**EMBARGO AUTHORISATION:**

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*Geoff McMillen  
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Australian Communications & Media Authority*