



Radiocommunications Licence Conditions (Fixed Licence) Amendment Determination 2000 (No. 2)

The AUSTRALIAN COMMUNICATIONS AUTHORITY makes this Determination under paragraph 107 (1) (f) of the *Radiocommunications Act 1992*.

Dated 12 October 2000

A.J SHAW
Chair

R HORTON
Deputy Chair

Australian Communications Authority

1 Name of Determination

This Determination is the *Radiocommunications Licence Conditions (Fixed Licence) Amendment Determination 2000 (No. 2)*.

2 Commencement

This Determination commences on 4 December 2000.

3 Amendment of *Radiocommunications Licence Conditions (Fixed Licence) Determination 1997*

Schedule 1 amends the *Radiocommunications Licence Conditions (Fixed Licence) Determination No. 1 of 1997*.

Schedule 1 Amendments

(section 3)

[1] Paragraph 2 (1) (b)

substitute

- (b) every fixed licence (point to multipoint station) that is not referred to in paragraph (ba) is subject to the conditions in Part 3;
- (ba) every fixed licence (point to multipoint station) used in the provision of distance education services is subject to the conditions in Part 3A;

Note Distance education services are also known as the *School of the Air*.

[2] Section 3, note

substitute

Note For the definition of other expressions used in this Determination, see the *Radiocommunications Act 1992*, the *Radiocommunications (Interpretation) Determination 2000* and the *Radiocommunications Regulations 1993*.

[3] Part 3, heading

substitute

Part 3 Conditions for fixed licences (point to multipoint station) except stations used to provide distance education services

[4] Section 6

after

(point to multipoint station)

insert

that does not apply to a station used to provide distance education services

[5] **After Part 3**

insert

Part 3A **Conditions for fixed licences
(point to multipoint station) used
to provide distance education
services**

11A **Conditions**

For paragraph 107 (1) (f) of the Act, every fixed licence (point to multipoint station) for a station used to provide distance education services is subject to the conditions in this Part and Parts 3B and 3C that are applicable to the licence.

11B **Transmitter output power**

The licensee of a fixed licence (point to multipoint station) must not operate a station authorised under the licence at a transmitter output power greater than the power sufficient to achieve efficient communications.

Note Section 18 imposes a further restriction on the level of power used to operate a remote station authorised under a fixed licence (point to multipoint station).

11C **Restrictions on communications**

The licensee of a fixed licence (point to multipoint station) must only operate a fixed station authorised under the licence:

- (a) to communicate with other stations to which the licence relates; or
- (b) if no other satisfactory means of communication is available, to transmit or receive messages in relation to distress or emergency situations.

11D **Call signs**

When operating a station authorised under a fixed licence (point to multipoint station), the licensee must:

- (a) use:
 - (i) the call sign allocated by the ACA; or
 - (ii) another form of identification that clearly identifies the station; and
- (b) transmit the call sign or form of identification at the start of each transmission or series of transmissions.

Part 3B Conditions for fixed licences (point to multipoint) medium frequency (MF) and high frequency (HF) stations

11E Technical performance of MF and HF base stations

- (1) Subsection (2) applies to a base station authorised under a fixed licence (point to multipoint station) if the station:
 - (a) is operating in MF or HF bands; and
 - (b) is operating single sideband suppressed carrier radiotelephony equipment.
- (2) The station must comply with the requirements of the edition of a document mentioned in Schedule 2A applying to the station that was:
 - (a) last published before the station was manufactured in, or imported into, Australia; and
 - (b) in force at the time of manufacture or importation.

11F Technical performance of MF and HF remote stations

- (1) Subsection (2) applies to a remote station authorised under a fixed licence (point to multipoint station) if the station:
 - (a) is operating in MF or HF bands; and
 - (b) is operating single sideband suppressed carrier radiotelephony equipment.
- (2) The station must comply with the requirements of the edition of a document mentioned in Schedule 2A applying to the station that was:
 - (a) last published before the station was manufactured in, or imported into, Australia; and
 - (b) in force at the time of manufacture or importation.

11G Transmitter output power for MF and HF remote stations

- (1) Subsection (2) applies to a remote station authorised under a fixed licence (point to multipoint station) if the station:
 - (a) is operating in MF or HF bands; and
 - (b) is operating single sideband suppressed carrier radiotelephony equipment.
- (2) The station must not be operated using transmitter output power of more than 100 watts pX.

11H Additional conditions for MF and HF remote stations

- (1) Subsection (2) applies to a remote station authorised under a fixed licence (point to multipoint station) if the station:
 - (a) is operating in MF or HF bands; and
 - (b) is operating single sideband suppressed carrier radiotelephony equipment.
- (2) The station must not be operated:
 - (a) if operation of the station would cause harmful interference to a service provided by another station; or
 - (b) to transmit to the base station unless it uses a frequency specified in the licence for the base station.

**Part 3C Conditions for fixed licences
(point to multipoint) very high
frequency (VHF) stations****11I Technical performance for VHF base stations**

- (1) Subsection (2) applies to a base station authorised under a fixed licence (point to multipoint station) if the station:
 - (a) is operating in VHF bands; and
 - (b) is operating VHF radiotelephony equipment.
- (2) The station must comply with the requirements of the edition of a document mentioned in Schedule 2B applying to the station that was:
 - (a) last published before the station was manufactured in, or imported into, Australia; and
 - (b) in force at the time of manufacture or importation.

11J VHF supplementary base stations

- (1) Subsection (2) applies to a supplementary base station authorised under a fixed licence (point to multipoint station) if the station:
 - (a) is operating in VHF bands; and
 - (b) is operating VHF radiotelephony equipment.
- (2) The station must not be operated:
 - (a) if its operation would cause harmful interference to the service provided by another station; and
 - (b) unless it uses a frequency specified in the licence of the base station; and
 - (c) unless it is used to overcome a deficiency within the coverage area of the base station.

11K Additional conditions for VHF remote stations

- (1) Subsections (2) and (3) apply to a remote station authorised under a fixed licence (point to multipoint station) if the station:
 - (a) is operating in VHF bands; and
 - (b) is operating VHF radiotelephony equipment.
- (2) The station must not be operated if its operation causes harmful interference to a service provided by another station.
- (3) The station must not transmit to a base station or supplementary base station (if any) unless the transmission uses a frequency specified in the licence for the base station.

11L VHF remote control stations

- (1) Subsections (2) and (3) apply to a remote control station authorised under a fixed licence (point to multipoint station) if the station:
 - (a) is operating in VHF bands; and
 - (b) is operating VHF radiotelephony equipment.
- (2) The station must not be operated:
 - (a) if its operation would cause harmful interference to a service provided by another station; and
 - (b) unless it uses a frequency specified in the licence for the base station; and
 - (c) if the maximum transmitter output power exceeds 1 watt at the antenna input.
- (3) If the station is located in a town:
 - (a) the antenna of the station must not be more than 30 metres above the average surrounding ground level; and
 - (b) a device must be fitted between the transmitter and the antenna that provides intermodulation performance equivalent to, or better than, the intermodulation performance achieved by an in line attenuator of 20 dB.

[6] After Schedule 2*insert*

Schedule 2A Fixed licence (point to multipoint stations) providing distance education services (MF and HF stations) — specification documents

(sections 11E and 11F)

Part 1 209 Series documents

Item	Description of document
1	<i>Specification for MF and HF single sideband suppressed carrier radiotelephony equipment employed in fixed and land mobile radiotelephone services (also known as RB 209), published by the Postmaster-General's Department in December 1970</i>
2	<i>Specification for MF and HF single sideband suppressed carrier radiotelephony equipment employed in fixed and land mobile radiotelephone services (also known as RB 209), published by the Postmaster-General's Department in January 1974</i>
3	<i>Specification for MF and HF single sideband suppressed carrier radiotelephony equipment employed in fixed and land mobile radiotelephone services (also known as RB 209), published by the Postal and Telecommunications Department in January 1976</i>
4	<i>Specification for MF and HF single sideband suppressed carrier radiotelephony equipment employed in fixed and land mobile radiotelephone services (also known as DOC 209), published by the Department of Transport and Communications in October 1988</i>
5	<i>Equipment Compliance Requirements for MF and HF single sideband suppressed carrier radiotelephony equipment employed in fixed and land mobile radiotelephone services (also known as ECR 209), published by the Department of Transport and Communications in April 1992</i>

Part 2 210 Series documents

Item	Description of document
1	<i>Specification for low powered portable and mobile MF and HF single sideband suppressed carrier radiotelephony equipment employed in land mobile radiotelephone services (also known as RB 210), published by the Postmaster-General's Department in December 1970</i>

Item	Description of document
2	<i>Specification for low powered portable and mobile MF and HF single sideband suppressed carrier radiotelephony equipment employed in land mobile radiotelephone services</i> (also known as <i>RB 210</i>), published by the Postmaster-General's Department in January 1972
3	<i>Specification for low powered portable and mobile MF and HF single sideband suppressed carrier radiotelephony equipment employed in land mobile radiotelephone services</i> (also known as <i>RB 210</i>), published by the Postmaster-General's Department in January 1974
4	<i>Specification for low powered portable and mobile MF and HF single sideband suppressed carrier radiotelephony equipment employed in land mobile radiotelephone services</i> (also known as <i>RB 210</i>), published by the Postal and Telecommunications Department in January 1976
5	<i>Equipment specification for low powered portable and mobile MF and HF equipment in land mobile services</i> (also known as <i>DOC 210</i>), published by the Department of Transport and Communications in October 1988

Schedule 2B Fixed licence (point to multipoint stations) providing distance education services (VHF stations) — specification documents

(section 111)

Item	Description of document
1	<i>Equipment compliance requirements for analogue speech (angle modulated) equipment operating in the designated VHF/UHF land mobile bands in the frequency range 29.7-520 MHz</i> (also known as <i>ECR 235</i>), published by the Department of Transport and Communications in October 1991
2	<i>Specification for radio equipment employed in privately operated land and harbour mobile radiotelephone services</i> (applicable to the 29.7-52 and 54-70 MHz frequency bands) (also known as <i>RB 205</i>), published by the Postmaster-General's Department in December 1962
3	<i>Specification for radio equipment employed in privately operated land and harbour mobile radiotelephone services</i> (applicable to the 29.7-52 and 54-70 MHz frequency bands) (also known as <i>RB 205</i>), published by the Postmaster-General's Department in December 1970
4	<i>Specification for radio equipment employed in privately operated land and harbour mobile radiotelephone services</i> (applicable to the 29.7-52 and 54-70 MHz frequency bands) (also known as <i>RB 205</i>), published by the Postmaster-General's Department in January 1972

Item	Description of document
5	<i>Specification for radio equipment employed in privately operated land and harbour mobile radiotelephone services</i> (applicable to the 29.7-52 and 54-70 MHz frequency bands) (also known as <i>RB 205</i>), published in a revised form by the Postmaster-General's Department in January 1976
6	<i>Specification for radio equipment employed in privately operated land and harbour mobile radiocommunication services</i> (applicable to the 29.7-52 and 54-70 MHz frequency bands) (also known as <i>DOC 205</i>), published by the Department of Transport and Communications in October 1988
7	<i>Specification for radio equipment employed in privately-operated land and harbour mobile radiotelephone services</i> (applicable to the 70-85 and 92-94 MHz frequency bands) (also known as <i>RB 206</i>), published by the Postmaster-General's Department in December 1962
8	<i>Specification for radio equipment employed in privately-operated land and harbour mobile radiotelephone services</i> (applicable to the 70-85 and 92-94 MHz frequency bands) (also known as <i>RB 206</i>), published by the Postmaster-General's Department in December 1970
9	<i>Specification for radio equipment employed in privately-operated land and harbour mobile radiotelephone services</i> (applicable to the 70-85 and 92-94 MHz frequency bands) (also known as <i>RB 206</i>), published by the Postmaster-General's Department in January 1972
10	<i>Specification for radio equipment employed in privately-operated land and harbour mobile radiotelephone services</i> (applicable to the 70-85 and 92-94 MHz frequency bands) (also known as <i>RB 206</i>), published by the Postmaster-General's Department in January 1974
11	<i>Specification for radio equipment employed in privately-operated land and harbour mobile radiotelephone services</i> (applicable to the 70-85 and 92-94 MHz frequency bands) (also known as <i>RB 206</i>), published by the Postal and Telecommunications Department in January 1976
12	<i>Specification for radio equipment employed in privately-operated land and harbour mobile radiotelephone services</i> (applicable to the 70-85 and 92-94 MHz frequency bands) (also known as <i>DOC 206</i>), published by the Department of Transport and Communications in October 1988
13	<i>Specification for radio equipment employed in privately operated mobile radio telephone services</i> (applicable to the 148-174 MHz frequency band) (also known as <i>RB 207</i>), published by the Postmaster-General's Department in January 1972
14	<i>Specification for radio equipment employed in privately operated mobile radio telephone services</i> (applicable to the 148-174 MHz frequency band) (also known as <i>RB 207</i>), published by the Postmaster-General's Department in January 1974
15	<i>Specification for radio equipment employed in privately operated mobile radio telephone services</i> (applicable to the 148-174 MHz frequency band) (also known as <i>RB 207</i>), published by the Postal and Telecommunications Department in January 1976

Item	Description of document
16	<i>Specification for radio equipment employed in privately operated land and harbour mobile radiocommunication services</i> (applicable to the 148-172 MHz frequency band) (also known as <i>RB 207</i>), published by the Department of Communications in September 1981
17	<i>Specification for radio equipment employed in land and harbour mobile radiotelephone service</i> (applicable to the 70-85, 92-94 and 148-174 MHz frequency bands) (also known as <i>RB 273</i>), published by the Postmaster-General's Department in June 1972
18	<i>Specification for radio equipment employed in land and harbour mobile radiotelephone service</i> (applicable to the 70-85, 92-94 and 148-174 MHz frequency bands) (also known as <i>RB 273</i>), published by the Postmaster-General's Department in January 1974
19	<i>Specification for radio equipment employed in land and harbour mobile radiotelephone service</i> (applicable to the 70-85, 92-94 and 148-174 MHz frequency bands) (also known as <i>RB 273</i>), published by the Postal and Telecommunications Department in January 1976
20	<i>Specification for radio equipment employed in land and harbour mobile radiocommunication service</i> (applicable to the 70-85 and 148-174 MHz frequency bands) (also known as <i>RB 273</i>), published by the Department of Communications in November 1980
21	<i>Specification for radio equipment employed in land and harbour mobile radiocommunication service</i> (applicable to the 70-85 and 148-174 MHz frequency bands) (also known as <i>RB 273</i>), published by the Department of Transport and Communications in October 1988
22	<i>Specification for radio equipment employed in land and harbour mobile radiocommunication service</i> (applicable to the 70-85 and 148-174 MHz frequency bands) (also known as <i>RB 273B</i>), published by the Postal and Telecommunications Department in April 1978
23	<i>Specification for radio equipment employed in land and harbour mobile radiocommunication service</i> (applicable to the 70-85 and 148-174 MHz frequency bands) (also known as <i>RB 273B</i>), published by the Department of Transport and Communications in November 1988
