



**Australian
Broadcasting
Authority**

VARIATION TO LICENCE AREA PLAN

EMERALD (RADIO)

November 1998

LICENCE AREA PLAN

EMERALD

VARIATION

The Australian Broadcasting Authority hereby varies the licence area plan (LAP) for radio services in the Emerald area of Queensland, determined on 5 March 1998, under subsection 26(2) of the *Broadcasting Services Act 1992*.

The variation comprises a variation of the technical specifications of the open narrowcasting radio service designated by the technical specification number TS10007947 as set out below:

Category of Service	Transmitter Specification No:	Technical Specifications	General Area Served by Transmitter	Status
Open narrowcasting	TS10007947	See attachment 1.31.1	Moranbah	Vary

The technical specifications set out in Schedule One and Attachment 1.31 of the licence area plan are deleted.

The varied technical specifications now applicable to this service are set out in Schedule One and Attachment 1.31.1 to this instrument.

(Varied by the Australian Broadcasting Authority on 26 November 1998)

SCHEDULE

Schedule One sets out:

- the category of each of the services that are to be available in that area (column one).
- The status of the service (column two) does not form part of the licence area plan decision and is included for reference only.
- The frequency for each transmitter (column three) does not form part of the licence area plan decision and is included for reference only.
- the service licence number which has been allocated to the service, if appropriate (column four); N/A = Not Applicable, as the *Broadcasting Services Act 1992* only requires service licences for Commercial and Community services.
- the number of transmitters required to transmit the service,
- the technical specification number which has been allocated to each transmitter (column five),
- the identifying number of the attachment where the technical specifications for each transmitter are described (column six). (Each set of technical specifications referred to in the Schedules is an attachment to this determination).
- the general area served by each transmitter (column seven).

Status Column

Licensed	:	service is already licensed
Available	:	new licence available for allocation
Proposed	:	transmitter for existing broadcasting service licence
Alternative	:	alternative channel proposed for licensed service
Reserved	:	capacity reserved for a national or community service in accordance with Ministerial notification

Frequency Column

- The frequency shown is the centre frequency of the channel.

For ease of reference, the Schedule affected by this variation to the LAP has been updated to reflect the variation to the plan.

Schedule One of the Emerald LAP prior to this variation is reproduced below:

SCHEDULE ONE Licence Area Plan : Emerald Radio - March 1998

Licence Area : EMERALD RA1

Service Category	Status	Frequency	Service Licence No	Technical Specification No	Attach No	Area Served
Commercial	Licensed	88.1 MHz	SL4176	TS10007818	1.2	Blair Athol
Commercial	Licensed	102.1 MHz	SL4176	TS10007809	1.3	Clermont
Commercial	Licensed	945 kHz	SL4176	TS10007819	1.4	Dysart
Commercial	Licensed	1143 kHz	SL4176	TS10007798	1.5	Emerald
Commercial	Alternative	90.5 MHz	SL4176	TS10007724	1.6	Moranbah
Commercial	Proposed	88.9 MHz	SL10333	TS10007788	1.7	Blair Athol
Commercial	Proposed	102.9 MHz	SL10333	TS10007790	1.8	Clermont
Commercial	Proposed	92.5 MHz	SL10333	TS10007789	1.9	Dysart
Commercial	Licensed	94.7 MHz	SL10333	TS10005126	1.10	Emerald
Commercial	Proposed	91.3 MHz	SL10333	TS10007723	1.11	Moranbah
National	Licensed	94.3 MHz	N/A	TS1345001	1.12	Blackwater
National	Licensed	107.3 MHz	N/A	TS1346001	1.13	Capella
National	Licensed	104.5 MHz	N/A	TS1249001	1.14	Clermont
National	Licensed	107.7 MHz	N/A	TS1329001	1.15	Clermont
National	Licensed	93.3 MHz	N/A	TS2156001	1.16	Dysart
National	Licensed	91.7 MHz	N/A	TS2157001	1.17	Dysart
National	Licensed	93.9 MHz	N/A	TS1330001	1.18	Emerald
National	Licensed	1548 kHz	N/A	TS4040001	1.19	Emerald
National	Licensed	107.7 MHz	N/A	TS10007829	1.20	Middlemount
National	Licensed	106.1 MHz	N/A	TS10007830	1.21	Middlemount
National	Licensed	106.5 MHz	N/A	TS2331001	1.22	Moranbah
National	Licensed	104.9 MHz	N/A	TS5507002	1.23	Moranbah

National	Licensed	100.9 MHz	N/A	TS1347001	1.24	Springsure
Open Narrowcasting	Licensed	97.5 MHz	N/A	TS5685008	1.25	Blackwater
Open Narrowcasting	Licensed	106.1 MHz	N/A	TS10007810	1.26	Clermont
Open Narrowcasting	Available	90.9 MHz	N/A	TS10007949	1.27	Dysart
Open Narrowcasting	Licensed	95.5 MHz	N/A	TS10007840	1.28	Emerald
Open Narrowcasting	Available	92.3 MHz	N/A	TS10007997	1.29	Emerald
Open Narrowcasting	Available	94.1 MHz	N/A	TS10007990	1.30	Middlemount
Open Narrowcasting	Available	96.9 MHz	N/A	TS10007947	1.31	Moranbah
Open Narrowcasting	Available	92.1 MHz	N/A	TS10007989	1.32	Saraji
Open Narrowcasting	Available	92.1 MHz	N/A	TS10007950	1.33	Tieri

The updated Schedule to the licence area plan affected by this variation is as follows:

SCHEDULE ONE

Licence Area Plan : Emerald - Radio - as varied 26 November 1998

Licence Area : EMERALD RA1

Service Category	Status	Frequency	Service Licence No	Technical Specification No	Attach No	Area Served
Commercial	Licensed	88.1 MHz	SL4176	TS10007818	1.2	Blair Athol
Commercial	Licensed	102.1 MHz	SL4176	TS10007809	1.3	Clermont
Commercial	Licensed	945 kHz	SL4176	TS10007819	1.4	Dysart
Commercial	Licensed	1143 kHz	SL4176	TS10007798	1.5	Emerald
Commercial	Alternative	90.5 MHz	SL4176	TS10007724	1.6	Moranbah
Commercial	Proposed	88.9 MHz	SL10333	TS10007788	1.7	Blair Athol
Commercial	Proposed	102.9 MHz	SL10333	TS10007790	1.8	Clermont
Commercial	Proposed	92.5 MHz	SL10333	TS10007789	1.9	Dysart
Commercial	Licensed	94.7 MHz	SL10333	TS10005126	1.10	Emerald
Commercial	Proposed	91.3 MHz	SL10333	TS10007723	1.11	Moranbah
National	Licensed	94.3 MHz	N/A	TS1345001	1.12	Blackwater
National	Licensed	107.3 MHz	N/A	TS1346001	1.13	Capella
National	Licensed	104.5 MHz	N/A	TS1249001	1.14	Clermont
National	Licensed	107.7 MHz	N/A	TS1329001	1.15	Clermont
National	Licensed	93.3 MHz	N/A	TS2156001	1.16	Dysart
National	Licensed	91.7 MHz	N/A	TS2157001	1.17	Dysart
National	Licensed	93.9 MHz	N/A	TS1330001	1.18	Emerald
National	Licensed	1548 kHz	N/A	TS4040001	1.19	Emerald
National	Licensed	107.7 MHz	N/A	TS10007829	1.20	Middlemount
National	Licensed	106.1 MHz	N/A	TS10007830	1.21	Middlemount
National	Licensed	106.5 MHz	N/A	TS2331001	1.22	Moranbah

National	Licensed	104.9 MHz	N/A	TS5507002	1.23	Moranbah
National	Licensed	100.9 MHz	N/A	TS1347001	1.24	Springsure
Open Narrowcasting	Licensed	97.5 MHz	N/A	TS5685008	1.25	Blackwater
Open Narrowcasting	Licensed	106.1 MHz	N/A	TS10007810	1.26	Clermont
Open Narrowcasting	Available	90.9 MHz	N/A	TS10007949	1.27	Dysart
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Open Narrowcasting	Available	92.3 MHz	N/A	TS10007997	1.29	Emerald
Open Narrowcasting	Available	94.1 MHz	N/A	TS10007990	1.30	Middlemount
Open Narrowcasting	Available	96.9 MHz	N/A	TS10007947	1.31.1	Moranbah
Open Narrowcasting	Available	92.1 MHz	N/A	TS10007989	1.32	Saraji
Open Narrowcasting	Available	92.1 MHz	N/A	TS10007950	1.33	Tieri

Licence Area Plan : Emerald - Radio - as varied 26 November 1998

Category : Open Narrowcasting
 General Area Served : Moranbah (QLD)
 Service Licence Number : Not applicable

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS10007947

Transmitter Site :-

Nominal location Moranbah, Cnr Clements St / Mills Ave
 Australian Map Grid Reference Zone Easting Northing
 55 609201 7566698
 Site Tolerance Refer to Technical Planning Guidelines (TPG)

Emission :-

Frequency Band & Mode FM Radio
 Carrier Frequency 96.9 MHz
 Polarisation Mixed
 Maximum antenna height 30m

Output Radiation Pattern :-

Bearing or Sector (Clockwise direction)	Maximum ERP
At all angles of azimuth	50W

Special Conditions: -

The 'coverage radius' of this transmission is 10 kilometres measured from a point with the following AMG co-ordinates: Zone 55; Easting 609201; Northing 7566698. This point is the same as the nominal transmitter location.