



**Australian
Broadcasting
Authority**

LICENCE AREA PLAN IPSWICH RADIO

DECEMBER 2000

LICENCE AREA PLAN – IPSWICH RADIO – DECEMBER 2000 DETERMINATION

The Australian Broadcasting Authority hereby makes this plan for broadcasting services in the Ipswich area of Queensland, under subsection 26(1) of the *Broadcasting Services Act 1992*.

One commercial radio broadcasting service is to be available in the area described at Attachment 1.1 to this Determination with the use of the broadcasting services bands. The characteristics, including technical specifications, of the service that are to be available in the area described at Attachment 1.1 are set out in Schedule One and Attachment 1.2 – 1.3 to this Determination.

One community radio broadcasting service is to be available in the area described at Attachment 2.1 to this Determination with the use of the broadcasting services bands. The characteristics, including technical specifications of the service that is to be made available is described at Attachment 2.1 are set out in Schedule Two and attachment 2.2 to this Determination.

One community radio broadcasting service is to be available in the area described at Attachment 3.1 to this Determination with the use of the broadcasting services bands. The characteristics, including technical specifications of the service that is to be made available is described at Attachment 3.1 are set out in Schedule Three and attachment 3.2 to this Determination.

(Determined by the Australian Broadcasting Authority on 21 December 2000)

SCHEDULES

Each of the Schedules 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); NA = 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 transmitter 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); and
- 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.

SCHEDULE ONE

Licence Area Plan : Ipswich Radio – December 2000

Licence Area : IPSWICH RA1

Service Category	Status	Frequency	Service Licence No	Technical Specification No	Attach No	Area Served
Commercial	Licensed	106.9 MHz	SL1121	TS1121001	1.2	Ipswich
	Alternative	94.9 MHz	SL1121	TS10010256	1.3	Ipswich

SCHEDULE TWO

Licence Area Plan : Ipswich Radio – December 2000

Licence Area : ESK RA1

Service Category	Status	Frequency	Service Licence No	Technical Specification No	Attach No	Area Served
Community	Available	95.9 MHz	SL1150748	TS10010272	2.2	Esk

SCHEDULE THREE

Licence Area Plan : Ipswich Radio – December 2000

Licence Area : BOONAH RA1

Service Category	Status	Frequency	Service Licence No	Technical Specification No	Attach No	Area Served
Community	Available	100.1 MHz	SL1150749	TS10010274	3.2	Boonah

DISCLAIMER:

The availability of frequency capacity in Ipswich is, to a large extent, based on theoretical interference predictions. Predictions by their very nature are subject to some degree of uncertainty given limitations of topography and other data.

The Australian Broadcasting Authority (ABA) takes reasonable care in assigning frequencies, but cannot warrant that licensed use of a broadcasting facility will be free from (or will not cause) interference. Any such interference can vary in extent and can originate within Australia or overseas.

Prospective applicants for licences should obtain independent technical or specialist advice concerning their applications, the operation of broadcasting equipment, and any other matters relevant to the operation of transmitters and services under the licences in question.

- Existing broadcasters should take all reasonable steps to be satisfied that their frequency will operate at the prescribed levels before making changes to its existing technical operating conditions.
- Aspirant broadcasters should take all reasonable steps to be satisfied that their frequency of interest will operate at the prescribed levels before competing for spectrum availability.

No liability is or will be accepted by the Minister for Communications, Information Technology and the Arts, the ABA, the Commonwealth of Australia, or its officers, servants or agents for the licensed use of a broadcasting facility which is not free from (or causes) interference.

**LICENCE AREA FOR SERVICE LICENCE NUMBER: SL1121
IPSWICH COMMERCIAL RADIO**

The licence area, in terms of areas defined by the Australian Bureau of Statistics at the Census of 6 August 1996, is:

Area Description	Area Description
Ipswich (C)	QLD CD 3130106
Laidley (S)	QLD CD 3142405
Boonah (S)	QLD CD 3140205
QLD CD 3130207	QLD CD 3130107
QLD CD 3131103	QLD CD 3131108
QLD CD 3142410	QLD CD 3130203
QLD CD 3260905	QLD CD 3131107
QLD CD 3131105	QLD CD 3130202
QLD CD 3142408	QLD CD 3130603
QLD CD 3140210	QLD CD 3142401
QLD CD 3131106	QLD CD 3260903
QLD CD 3260906	QLD CD 3130108
QLD CD 3130608	QLD CD 3140201
QLD CD 3130206	QLD CD 3140204
QLD CD 3131104	QLD CD 3140208
QLD CD 3140303	QLD CD 3130201
QLD CD 3130204	QLD CD 3131102
QLD CD 3142406	QLD CD 3140310
QLD CD 3130601	QLD CD 3130110
QLD CD 3142407	QLD CD 3142404
QLD CD 3142403	QLD CD 3130105
QLD CD 3142402	QLD CD 3130611
QLD CD 3130109	QLD CD 3130111
QLD CD 3140209	QLD CD 3130103
QLD CD 3142409	QLD CD 3130104
QLD CD 3140301	QLD CD 3130205
QLD CD 3131101	QLD CD 3130102
QLD CD 3130208	

Note:

Standard terminology used by the Australian Bureau of Statistics:

- (C) = City
- (CD) = Collection District
- (S) = Shire

LICENCE AREA PLAN : Ipswich – December 2000

Category : Commercial
 General Area Served : Ipswich (QLD)
 Service Licence Number : SL1121

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS1121001

Transmitter Site :-

Nominal location : 4QFM Site THE KNOBBY
 Australian Map Grid : Zone Easting Northing
 Reference 56 459550 6957670
 Site Tolerance : Refer to Technical Planning Guidelines

Emission :-

Frequency Band & Mode VHF-FM
 Carrier Frequency : 106.9 MHz
 Polarisation Mixed
 Maximum antenna height 30 m

Output Radiation Pattern :-

Bearing or Sector (Clockwise direction)	Maximum ERP
0°T - 55°T	16 kW
55°T - 55°T	1.6 kW
55°T - 360°T	16 kW

Special Conditions: -

This specification will be replaced by the technical specification TS10010256, described under attachment 1.3, at a date not later than one year after publication of the Gazette notice (as required by s.35 of the Broadcasting Services Act 1992) that the licence area plan for Ipswich has been determined.

LICENCE AREA PLAN : Ipswich – December 2000

Category : Commercial
 General Area Served : Ipswich (QLD)
 Service Licence Number : SL1121

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS10010256

Transmitter Site :-

Nominal location : 4QFM Site THE KNOBBY
 Australian Map Grid : Zone Easting Northing
 Reference 56 459550 6957670
 Site Tolerance : Refer to Technical Planning Guidelines

Emission :-

Frequency Band & Mode VHF-FM
 Carrier Frequency : 94.9 MHz
 Polarisation Mixed
 Maximum antenna height 60 m

Output Radiation Pattern :-

Bearing or Sector (Clockwise direction)	Maximum ERP
0°T - 30°T	35 kW
30°T – 85°T	5 kW
85°T - 95°T	2 kW
95°T - 110°T	15 kW
110°T - 150°T	40 kW
150°T - 210°T	50 kW
210°T - 275°T	20 kW
275°T - 360°T	50 kW

Special Condition:-

This specification will replace the technical specification TS1121001, described under attachment 1.2, at a date not later than one year after publication of the Gazette notice (as required by s.35 of the Broadcasting Services Act 1992) that the licence area plan for Ipswich has been determined.

**LICENCE AREA FOR SERVICE LICENCE NUMBER: SL 1150748
COMMUNITY RADIO - ESK RA1**

The licence area, in terms of areas defined by the Australian Bureau of Statistics at the Census of 6 August 1996, is:

Area Description

QLD CD 3130207
QLD CD 3130206
QLD CD 3130204
QLD CD 3130109
QLD CD 3130208
QLD CD 3130106
QLD CD 3130107
QLD CD 3130203
QLD CD 3130108
QLD CD 3130201
QLD CD 3130110
QLD CD 3130111
QLD CD 3130205

Note:

Standard terminology used by the Australian Bureau of Statistics:

(CD) = Collection District

LICENCE AREA PLAN : Ipswich – December 2000

Category : Community

General Area Served : Esk (QLD)

Service Licence Number : SL1150748

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS10010272

Transmitter Site :-

Nominal location : Shire Council Telemetry Site
MT ESK

Australian Map Grid : Zone Easting Northing
Reference 56 445900 6988600

Site Tolerance : Refer to Technical Planning Guidelines

Emission :-

Frequency Band & Mode VHF-FM

Carrier Frequency : 95.9 MHz

Polarisation Mixed

Maximum antenna height 30 m

Output Radiation Pattern :-

Bearing or Sector (Clockwise direction)	Maximum ERP
At all angles of azimuth	1 kW

**LICENCE AREA FOR SERVICE LICENCE NUMBER: SL1150749
COMMUNITY RADIO - BOONAH RA1**

The licence area, in terms of areas defined by the Australian Bureau of Statistics at the Census of 6 August 1996, is:

Area Description

QLD CD 3151203
QLD CD 3151201
QLD CD 3151208
QLD CD 3151207
QLD CD 3151212
QLD CD 3151204
QLD CD 3151209
QLD CD 3151206
QLD CD 3151215
QLD CD 3151211
QLD CD 3151202
QLD CD 3151210

Note:

Standard terminology used by the Australian Bureau of Statistics:

(CD) = Collection District

LICENCE AREA PLAN : Ipswich – December 2000

Category : Community
General Area Served : Boonah (QLD)
Service Licence Number : SL1150749

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS10010274

Transmitter Site :-

Nominal location : Telstra Site Foxs Hill Greenhills Rd
BOONAH

Australian Map Grid : Zone Easting Northing
Reference 56 473290 6899098

Site Tolerance : Refer to Technical Planning Guidelines

Emission :-

Frequency Band & Mode VHF-FM
Carrier Frequency : 100.1 MHz
Polarisation Mixed
Maximum antenna height 30 m

Output Radiation Pattern :-

Bearing or Sector (Clockwise direction)	Maximum ERP
At all angles of azimuth	1 kW