Radiocommunications (Digital Radio Channels – Queensland) Plan Variation 2020 (No. 1)

The Australian Communications and Media Authority makes the following instrument under section 44A of the *Radiocommunications Act 1992*.

Dated: 10 December 2020

Fiona Cameron
[signed]
Member

Creina Chapman
[signed]
Member/~~General Manager~~

Australian Communications and Media Authority

1 Name

This is the *Radiocommunications (Digital Radio Channels – Queensland) Plan Variation 2020 (No. 1)*.

2 Commencement

This instrument commences at the start of the day after the day it is registered on the Federal Register of Legislation.

Note: The Federal Register of Legislation may be accessed free of charge at www.legislation.gov.au.

3 Authority

This instrument is made under section 44A of the *Radiocommunications Act 1992*.

4 Amendments

The instrument that is specified in Schedule 1 is amended as set out in the applicable items in that Schedule.

Schedule 1—Amendments

Radiocommunications (Digital Radio Channels – Queensland) Plan 2007 (F2007L04664)

1 Section 3

Insert:

GDA 94 means the geodetic datum designated as the "Geocentric Datum of Australia (GDA)", gazetted in the Commonwealth of Australia *Gazette* No. GN 35 on 6 September 1995, as existing on that date.

2 Section 3, definition of *technical planning guidelines*

Omit ', as in force from time to time'

3 After section 3A

Insert:

3B References to other instruments

In this Plan, unless the contrary intention appears:

(a) a reference to another legislative instrument is a reference to that other legislative instrument as in force from time to time; and

(b) a reference to any other kind of instrument or writing is a reference to that other instrument or writing as in force or existing from time to time.

Note 1: For references to Commonwealth Acts, see section 10 of the *Acts Interpretation Act 1901*; and see also subsection 13(1) of the *Legislation Act 2003* for the application of the *Acts Interpretation Act 1901* to legislative instruments.

Note 2: All Commonwealth Acts and legislative instruments are registered on the Federal Register of Legislation and are accessible free of charge.

Note 3: See section 314A of the Act.

4 Section 6

Omit 'determined by the technical planning guidelines', insert 'specified in the licence'

5 Section 6, note to the section

Repeal the note.

6 At the end of Attachment 1.3 to Schedule 1

Add:

Schedule 2 Gold Coast RA1

(subsection 4 (1))

Designated BSA radio area

Gold Coast RA1

Table 1 Frequency channels

Column 1 Multiplex Name	Column 2 Frequency block	Column 3 Reserved frequency block	Column 4 Centre frequency (MHz)	Column 5 Category	Column 6 Technical Specification Number	Column 7 Technical Specifications (Attachment number)
Gold Coast 1	9D	No	208.064	1	TS12000073	2.1
Gold Coast 2	9D	No	208.064	1	TS12000792	2.2
Gold Coast 3	8B	Yes	197.648	3	TS12000074	2.3
Gold Coast 4	8B	Yes	197.648	3	TS12000793	2.4

Table 2 Number of licences to be issued

Column 1 Licence Category	Column 2 Number of licences
Category 1	1
Category 2	0
Category 3	1

Attachment 2.1 Multiplex Gold Coast 1

Column 1 Technical specification	Column 2 Details
Category	1
General Area Served	Gold Coast
Mode	DAB
Specification number	TS12000073
Transmitter Site	
Nominal Location	GCT Mt Tamborine Site 103 m Tower Golf Course Road MOUNT TAMBORINE
GDA 94	Latitude: -27.969604 Longitude: 153.213366
Site Tolerance	Refer to technical planning guidelines
Emission	
Frequency Band	VHF
Centre Frequency	208.064 MHz (Frequency Block 9D)
Polarisation	Vertical
Maximum antenna height	80 m

Output Radiation Pattern

Bearing or sector (clockwise direction)	Maximum ERP
0 °T – 10 °T	5 kW
10 °T – 25 °T	10 kW
25 °T – 180 °T	25 kW
180 °T – 195 °T	10 kW
195 °T – 210 °T	5 kW
210 °T – 235 °T	2.5 kW
235 °T – 340 °T	625 W
340 °T – 350 °T	1.25 kW
350 °T – 360 °T	2.5 kW

Attachment 2.2 Multiplex Gold Coast 2

Column 1 **Technical specification**	**Column 2** **Details**
Category	1
General Area Served	Gold Coast
Mode	DAB
Specification number	TS12000792
Transmitter Site	
Nominal Location	40m tower NRN Broadcast Site Bilbrough Lookout SPRINGBROOK
GDA 94	Latitude: -28.234736 Longitude: 153.288940
Site Tolerance	Refer to technical planning guidelines
Emission	
Frequency Band	VHF
Centre Frequency	208.064 MHz (Frequency Block 9D)
Polarisation	Vertical
Maximum antenna height	40 m

Output Radiation Pattern

Bearing or sector (clockwise direction)	**Maximum ERP**
0 °T – 105 °T	500 W
105 °T – 120 °T	250 W
120 °T – 135 °T	125 W
135 °T – 305 °T	50 W
305 °T – 320 °T	125 W
320 °T – 335 °T	250 W
335 °T – 360 °T	500 W

Attachment 2.3 Multiplex Gold Coast 3

Column 1 Technical specification	Column 2 Details
Category	3
General Area Served	Gold Coast
Mode	DAB
Specification number	TS12000074
Transmitter Site	
Nominal Location	GCT Mt Tamborine Site 103 m Tower Golf Course Road MOUNT TAMBORINE
GDA 94	Latitude: -27.969604 Longitude: 153.213366
Site Tolerance	Refer to technical planning guidelines
Emission	
Frequency Band	VHF
Centre Frequency	197.648 MHz (Frequency Block 8B)
Polarisation	Vertical
Maximum antenna height	80 m

Output Radiation Pattern

Bearing or sector (clockwise direction)	Maximum ERP
0 °T – 10 °T	5 kW
10 °T – 25 °T	10 kW
25 °T – 180 °T	25 kW
180 °T – 195 °T	10 kW
195 °T – 210 °T	5 kW
210 °T – 235 °T	2.5 kW
235 °T – 340 °T	625 W
340 °T – 350 °T	1.25 kW
350 °T – 360 °T	2.5 kW

Attachment 2.4 Multiplex Gold Coast 4

Column 1 Technical specification	Column 2 Details
Category	3
General Area Served	Gold Coast
Mode	DAB
Specification number	TS12000793
Transmitter Site	
Nominal Location	40m tower NRN Broadcast Site Bilbrough Lookout SPRINGBROOK
GDA 94	Latitude: -28.234736 Longitude: 153.288940
Site Tolerance	Refer to technical planning guidelines
Emission	
Frequency Band	VHF
Centre Frequency	197.648 MHz (Frequency Block 8B)
Polarisation	Vertical
Maximum antenna height	40 m

Output Radiation Pattern

Bearing or sector (clockwise direction)	Maximum ERP
0 °T – 105 °T	500 W
105 °T – 120 °T	250 W
120 °T – 135 °T	125 W
135 °T – 305 °T	50 W
305 °T – 320 °T	125 W
320 °T – 335 °T	250 W
335 °T – 360 °T	500 W