



The ABA has decided to make licences available for 24 new radio services in south east Queensland and the north coast of New South Wales.

New radio services for Brisbane, south east Queensland and NSW north coast

The ABA has decided to make licences available for 24 new radio services in south east Queensland and the north coast of New South Wales.

The ABA will make licences available for four new commercial radio services:

- two in Brisbane
- one in the Gold Coast
- one in Nambour.

The ABA has also decided to make 18 community licences available:

- two in Brisbane
- three in the Gold Coast
- two in Nambour
- one each in Ballina, Beaudesert, Boonah, Byron Bay, Casino, Coraki, Esk, Gympie, Murwillumbah, Nimbin and Noosa.

Two open narrowcasting services will be made available:

- one in Brisbane
- one in Murwillumbah.

The ABA's decisions are contained in its final licence area plans for radio in Brisbane, Gold Coast, Gympie, Ipswich, Lismore, Murwillumbah and Nambour and its varied licence area plan for the Remote North East Zone, Queensland.

The ABA expects to allocate the first commercial radio licence for Brisbane (97.3 MHz) together with the Gold Coast and Nambour licences early in 2001. The ABA will allocate the second commercial radio licence in Brisbane (106.9 MHz) in three years time.

Ipswich licence area

In order to resolve signal deficiencies in the Ipswich licence area, channel capacity will be made available for the existing commercial radio service (4QFM) to change frequency from 106.9 MHz to 94.9 MHz and increase its maximum radiated power to 50 kW. The frequency currently being used by 4QFM will be made available for the second commercial radio service to be allocated three years after the licence area plan has been determined.

Nambour and Gympie

The licensees of the existing commercial radio services in Nambour and Gympie have requested additional transmitters for their services to rectify

signal deficiency in their licence areas. Preliminary engineering assessments by the ABA indicate that low power channel capacity exists for additional transmitters for both the Nambour and Gympie commercial radio services. However, the ABA believes that more extensive engineering assessments are required before it makes the capacity available. It will therefore conduct a field survey in the Noosa/Tewantin area, after the determination of the Nambour and Gympie licence area plans.

Remote North East Queensland

In the Remote North East Queensland licence area, the existing commercial radio serv-

ice 4SUN will improve reception of its service by changing from two low-powered transmitters to one high-powered transmitter at Mt Dunsinane, and by providing a translator service to serve Kooralbyn. The licence area of 4SUN will be extended to include Beaudesert and Jimboomba. Additionally, 4SUN will be allocated a second commercial radio licence under section 39 of the Broadcasting Services Act. The proposed licence area will be identical to 4SUN's extended licence area. 4SUN will also be allocated additional transmitters to operate on Mt Tamborine, after additional engineering work has been completed.

'Allowing the 4SUN commercial radio service to extend its licence area to Jimboomba, ►

Licence area plans for metropolitan areas

The final licence area plans for Brisbane and the surrounding areas are the third to be released for a metropolitan area. The plans are available on the ABA's web site, www.aba.gov.au/what/broplan/licence_area_plans.htm.

The ABA proposes to release the final licence area plans for the remaining metropolitan markets, Adelaide and Perth, during the first half of 2001.



New radio services for Brisbane and surrounds (ctd)

gives the service good coverage of the majority of the Beaudesert Shire and increases the diversity of services in the area,' said Professor Flint. 'The ABA is confident that the extension, along with the additional transmitters at

Kooralbyn and the proposed transmitters on Mt Tamborine will allow 4SUN to provide a competitive service.'

Channel capacity

During the final stage of the

preparation of these licence area plans, the ABA was advised that a ministerial notification to reserve channel capacity for additional national radio services might be likely in Nambour, Gympie, Lismore and on the Gold Coast. The ABA has set

aside channel capacity accordingly.

If a notification is not given by the Minister for Communications, Information Technology and the Arts, the ABA will consider varying the Gold Coast, Nambour, Lismore and Gympie licence area plans and reallocating the available spectrum.

Note: in the following tables, new services or additional capacity are marked in bold

Table 1: AM Radio services in the Brisbane market

Area served	Category of service	Callsign	Frequency	Maximum CMF (power)	Nominal location	Technical notes
Brisbane	National	4PB	936 kHz	1000 V (10 kW)	Bald Hills	
	National	4QR	612 kHz	2790 V (50 kW)	Bald Hills	
	National	4RN	792 kHz	1980 V (25 kW)	Bald Hills	
	Commercial	4BC	1116 kHz	1270 V (5 kW)	Fig Tree Pocket	
	Commercial	4BH	882 kHz	890 V (5 kW)	Wynnum Rd, Tingalpa	
	Commercial	4KQ	693 kHz	1100 V (5 kW)	St Helena Island	
	Commercial	4TAB	1008 kHz	1100 V (10 kW)	St Helena Island	Increase of ERP to 10 kW
	Community	4RPH	1296 kHz	960 V (5 kW)	Fleming Rd, Hemmant	
	Community		1197 kHz	1165 V(5 kW)	Fleming Rd, Tingalpa	
	Open narrowcast		1053 kHz	220 V(500 W)	Long Pocket	This frequency will be available after 4EB converts to FM

Table 2: FM Radio services in the Brisbane market

Area served	Category of service	Callsign	Frequency	Maximum CMF (power)	Nominal location	Technical notes
Brisbane	National	4ABCFM	106.1 MHz	95 kW	Mt Coot-tha	
	National	4JJJ	107.7 MHz	95 kW	Mt Coot-tha	
	National	4SBS	93.3 MHz	95 kW	Mt Coot-tha	
	Commercial	4BBB	105.3 MHz	12 kW	Mt Coot-tha	
	Commercial	4MMM	104.5 MHz	12 kW	Mt Coot-tha	
	Commercial		97.3 MHz	12 kW	Mt Coot-tha	
	Commercial		106.9 MHz	12 kW	Mt Coot-tha	This frequency will be available after 4QFM changes frequency to 94.9 MHz
	Commercial	4TAB	89.7 MHz	5 kW	Mt Dunsinane	Transmitter for 4TAB service to rectify signal deficiency in the Beaudesert area
	Community	4AAA	98.9 MHz	12 kW	Mt Coot-tha	
	Community	4MBS	103.7 MHz	12 kW	Mt Coot-tha	
	Community	4ZZZ	102.1 MHz	12 kW	Mt Coot-tha	
	Community	4EB	98.1 MHz	12 kW (500 W)	Long Pocket	4EB converting from AM to FM
	Community		96.5 MHz	12 kW	Mt Coot-tha	
	Caboolture Community	4OUR	101.5 MHz	3 kW	D'Aguilar Range	
Logan	Community	4CBL	101.1 MHz	4 kW	Springwood Reservoir	
Redcliffe	Community	4RED	99.7 MHz	2 kW	Redcliffe Water Tower	
Wynnum	Community	4BAY	100.3 MHz	4 kW	Mt Cotton	
Beaudesert	Community			101.5 MHz	1 kW	Beaudesert Water Tower

Note: new services in bold



Table 3: FM Radio services in the Gold Coast market

Area served	Category of service	Callsign	Frequency	Maximum CMF (power)	Nominal location	Technical notes
Gold Coast	National	4ABCFM	88.5 MHz	25 kW	Lower Beechmont	
	National	4ABCRN	90.1 MHz	25 kW	Lower Beechmont	
	National	4ABCRR	91.7 MHz	25 kW	Lower Beechmont	
	National	4JJJ	97.7 MHz	25 kW	Lower Beechmont	
	Commercial	4GGG	92.5 MHz	25 kW	Mt Tamborine	
	Commercial	4SEA	90.9 MHz	25 kW	Mt Tamborine	
	Commercial		102.9 MHz	25 kW	Mt Tamborine	Consideration will be given to changing 4DDDB Toowoomba's frequency, with compensation for costs incurred
	Community	4CRB	89.3 MHz	25 kW	Wilsons Lookout	
	Community		94.1 MHz	25 kW	Mt Tamborine	
	Community		105.7 MHz	25 kW	Mt Tamborine	
	Community		107.3 MHz	25 kW	Mt Tamborine	

Table 4: FM Radio Services in the Ipswich market

Area served	Category of service	Callsign	Frequency	Maximum CMF (power)	Nominal location	Technical notes
Ipswich	Commercial	4QFM	94.9 MHz	50 kW	The Knobby	4QFM to change frequency from 106.9 MHz to 94.9 MHz. A simulcast period will be provided
Esk	Community		95.9 MHz	1 kW	Shire Council	To be made available one year after LAP gazetted
Boonah	Community		100.1 MHz	1 kW	Telstra site at Fox's Hill, Green Hills Rd	To be made available two years after LAP gazetted

Table 5: AM Radio services in the Murwillumbah market

Area served	Category of service	Callsign	Frequency	Maximum CMF (power)	Nominal location	Technical notes
Murwillumbah	National	2ML	720 kHz	190 V (400 W)	Telstra Site, Terranora	
	Commercial	2MW	972 kHz	1095 V (5 kW)	Clothiers Creek	
	Open narrowcast		1593 kHz	145 V (200 W)	Terranora Lodge	

Table 6: FM Radio services in the Murwillumbah market

Area served	Category of service	Callsign	Frequency	Maximum CMF (power)	Nominal location	Technical notes
Murwillumbah	Commercial	2MW	104.1 MHz	1 kW	Curumbin	Transmitter for 2MW to rectify signal deficiency
	Community		101.3 MHz	3 kW	Rock Rd, Bungalora	

Table 7: AM Radio services in the Lismore market

Area served	Category of service	Callsign	Frequency	Maximum CMF (power)	Nominal location	Technical notes
Lismore	Commercial	2LM	900 kHz	965 V (5 kW)	Unarra Road, Bexhill	

Note: new services in bold



Table 8: FM Radio services in the Lismore market

Area served	Category of service	Callsign	Frequency	Maximum CMF (power)	Nominal location	Technical notes
Lismore	National	2ABCRR	91.3 MHz	50 W	Bonalbo	
	National	2ABCRN	92.1 MHz	50 W	Bonalbo	
	National	2NNR	94.5 MHz	100 kW	Mt Nardi	
	National	2ABCFM	95.3 MHz	100 kW	Mt Nardi	
	National	2JJJ	96.1 MHz	100 kW	Mt Nardi	
	National	2ABCRN	96.9 MHz	100 kW	Mt Nardi	
	Commercial	2ZZZ	100.9 MHz	32 kW	Mt Nardi	
	Community	2NCR	92.9 MHz	6 kW	Parrots Nest	
Byron Bay	Community		99.9 MHz	3 kW	Byron View, Saint Helena	
Casino	Community		107.9 MHz	1 kW	Meatworks Tower	
Coraki	Community		88.9 MHz	1 kW	Mt Moonimba	
Ballina	Community		101.9 MHz	1 kW	Pine Avenue Site 1	
Nimbin	Community		102.3 MHz	1 kW	93 Cullen St Nimbin	

Table 9: FM Radio services in the Nambour market

Area served	Category of service	Callsign	Frequency	Maximum CMF (power)	Nominal location	Technical notes
Nambour	National	4ABCFM	88.7 MHz	20 kW	Dulong Lookout	
	National	4JJJ	89.5 MHz	20 kW	Dulong Lookout	
	National	4SCR	90.3 MHz	20 kW	Dulong Lookout	
	Commercial	4SSS	92.7 MHz	10 kW	Bald Knob	
	Commercial	4SEE	91.9 MHz	10 kW	Bald Knob	
	Commercial		91.1 MHz	10 kW	Bald Knob	
	Community		104.9 MHz	3 kW	Bald Knob	
	Community		106.5 MHz	3 kW	Bald Knob	

Table 10: AM radio services in the Gympie market

Area served	Category of service	Callsign	Frequency	Maximum CMF (power)	Nominal location	Technical notes
Gympie	National	4GM	1566 kHz	140 V (200 W)	3 km SE of Gympie	
	Commercial	4GY	558 kHz	1050 V (5 kW)	16 km E of Gympie	

Table 11: FM radio services in the Gympie market

Area served	Category of service	Callsign	Frequency	Maximum CMF (power)	Nominal location	Technical notes
Gympie	National	4ABCFM	93.7 MHz	20 kW	Black Mountain	
	National	4ABCRN	96.9 MHz	20 kW	Black Mountain	
	National	4SCR/T	95.3 MHz	20 kW	Black Mountain	
	Commercial	4NNN	96.1 MHz	5 kW	Mt Wolvi	
Noosa	Community		101.3 MHz	500 W	Sunrise Rd	
Gympie	Community		91.5 MHz	1 kW	Mt Corella	

Table 12: Variation to the Remote North East Zone

Area served	Category of service	Callsign	Frequency	Maximum CMF (power)	Nominal location	Technical notes
Beaudesert	Commercial	4SUN	90.5 MHz	5 kW	Mt Dunsinane	/Replaces the two low power transmitters currently used by 4SUN
	Commercial	4SUN	103.3 MHz	100 W	Haygarth Drive Kooralbyn	/Additional transmitter for the 4SUN service
	Commercial	4RBL	92.1 MHz	5 kW	Mt Dunsinane	/Additional commercial radio service to be allocated to 4SUN under s.39
	Commercial	4RBL	102.5 MHz	100 W	Haygarth Drive Kooralbyn	/Additional transmitter for the s.39 service

Note: new services in bold