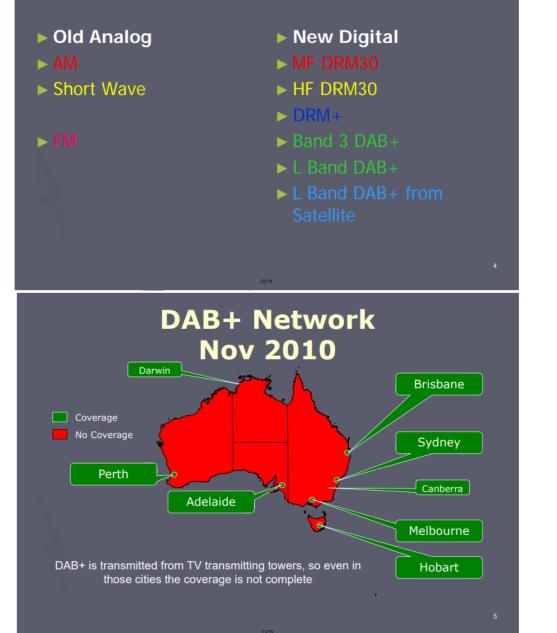
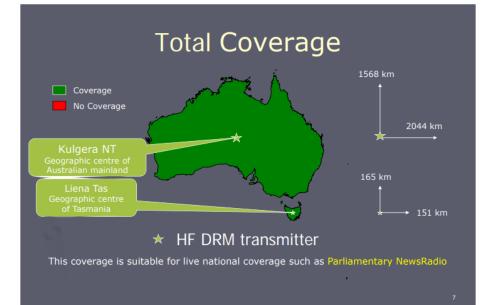
A proposal for Australian Digital Radio and TV rollout

By Chris Brendon Agpasa's Pre-Budget Submission 2021-22

Transmission Systems Available





Eastern Time Zone Coverage



This coverage is suitable for national programs for coverage in Eastern Australia For example SBS Radio 1 & 2, Radio National, JJJ, ABC Classics, Dig, ABC Jazz, ABC country & Grandstand No program delays

Central Time Zone Coverage



For example SBS Radio 1 & 2, Radio National, JJJ, ABC Classics, Dig, ABC Jazz, ABC country & Grandstand All programs are delayed 1 hour from Eastern Time

Western Time Zone Coverage



This coverage is suitable for national programs for coverage in Western Australia For example SBS Radio 1 & 2, Radio National, JJJ, ABC Classics, Dig, ABC Jazz, ABC country & Grandstand All programs are delayed 2 or 3 hours from Eastern Time

Remote "Local" Radio

An ABC Local Radio program and a pair of commercial radio programs from the nearest station can be received



Eastern Remote "Local" Coverage



Currently, there are some areas with no coverage. The map shows "local" programs in remote eastern areas. This will provide car coverage anywhere. 26 MHz DRM30 shower transmissions (NVIS) are best for these areas.

Remote "Local" Coverage SA



This coverage is suitable for "local" programs for coverage in South Australia. This will provide car coverage anywhere in SA. There are currently large areas with no coverage.

Remote "Local" Coverage NT



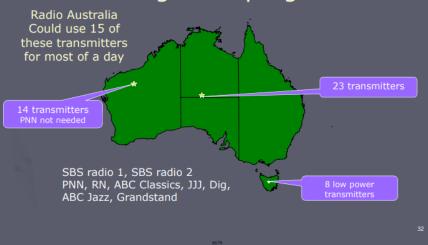
This coverage is suitable for "local" programs for coverage in Northern Territory. This will provide car coverage anywhere in NT.

Remote "Local" Coverage WA

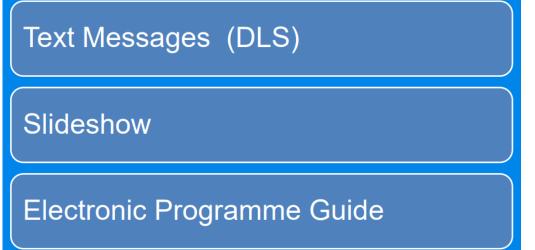


This coverage is suitable for "local" programs for coverage in Western Australia. This will provide car coverage anywhere in WA. There are currently large areas with no coverage.

53 Transmitters give national coverage of 9 programs



Digital Radio data services



DRM Text Messages

Digital Radio EWF – Emergency Warning Feature

TPEG

Journaline[®] –

Text Based Information Service for Digital Radio

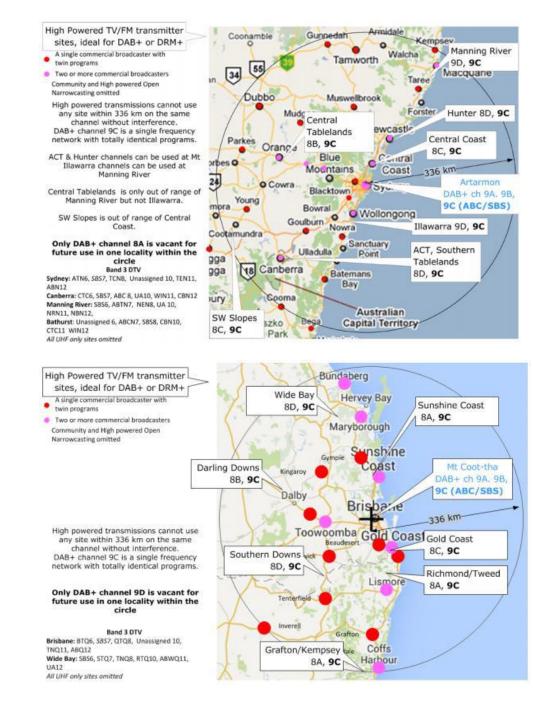


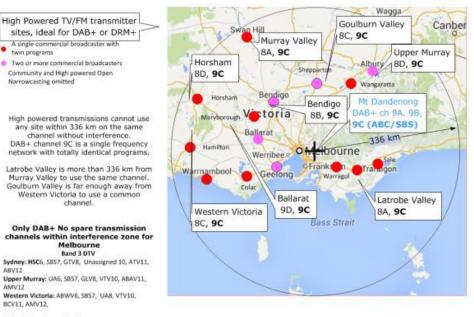


Service and Programme Information (SPI)

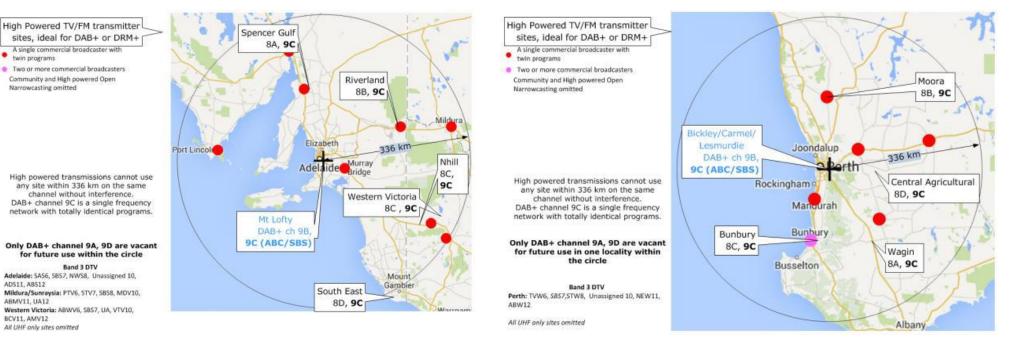








All UHF only sites omitted



Dig [®]	Jazz R 201	News Fladio R 202	NSW R 203
Classic FM NSW R 204	sE R 205	uneorthed R 206	Grandstand R 207
Country R 208	Extra R 209	000 702 Sydney R 210	Local Radio Dubbo B 211
National Radio SE R 37	NSW R 38	NSW R 39	R 34
R35	R 36	R32	Cocilia Co
R 600	RESE	R630	R 631
R 613		RadioTAB R 617	BBB WORLD SERVICE R 629
R621	R 622	R 623	R 624
R 601	R 602	R 603	R 604
👞 Yolgu Radio R 910	CAAMA R 911	R912	R 913
200 R 914	3 R 916	PAKAM R917	R 918
5NPY	R 920	TEABBA R 921	4MW R 922

000 RN		000	RN		000 RN
Vic. R 235		Qid [R 245		SA R 255
000 RN		RN			Classic FM Vic./Tas. R 236
Classic FM Old R 246		assic FM	Classic F WA R 26		Classic FM NT R 286
	ti	AJR 257		j 8	
774 Melbourn R 237	e	612 Br	X fisbane 248		891 Adelaide R 258
720 Perth R 269		Launo R 2	eston 276		105.7 Darwin R 288
Local Radio Warmambool R 238		CCO cal Radio PL Pirie R 259	Local Rad Alice Sprin R 289		Local Radio Cairrs R 290
Local Radio Longreach R 291	Lo	CCO cal Radio ML Isa R 292	Local Rad Toowoom R 293		Local Radio Pt. Hedland R 294
Local Radio Kalgoorlie R 295			Radio ome 296		Local Radio Bunbury R 297

National	National	National Radio
Qid R 347	SA R 357	WA R 367
Radio		
Vic. R 338	QId R 348	SA R 358
Radio	#i	WO
NT R 388	Vic. 1	R 339
W TWO	🐠 i	WO R 369
SA R 359	WAT	R 369

NT | R 387

National Radio

Qid | R 349

Digital Radio stations









Widescreen



Audio





Extra Channels



Digital TV Electronic Program Guide (EPG)



Electronic Program Guide



Video Program Guides





Radio channels on TV – ABC and SBS stations







VAST Radio Services	
32. Popdesi	613. VisionRadioAM
33. SBS Arabic24	614. VisionChristianRadio
34. SBS 3	617. RadioTAB
35. Chill	621. Niche Radio No1
36. Pop Asia	622. Niche Radio No2
37. SBS Nat WA Radio	623. Niche Radio No3
38. SBS 1 WA Radio	624. Niche Radio No4
39. SBS 2 WA Radio	629. BBC
200. Double J	630. CRN 1
201. ABC Jazz	631. CRN 2
202. ABC News	632. RPHA
203. ABC RN	633. HOPE RADIO
204. Classic FM	634. Vintage FM
205. triple j	910. ARDS
206. triple j Unearthed	911. CAAMA
207. ABC Grandstand	912. GUMALA
208. ABC Country	913. LARRAKIA
209. ABC KIDS	914. 2CUZ FM
210. 720 ABC Perth	915. C2
211. ABC Karr	916. NG Media
212. ABC Kalgoo	917. PAKAM
213. ABC Broome	918. PAW
214. ABC Bunbury	919. PY Media
215. Classic 2	920. Black Star
601. NIRS News	921. TEABBA
602. NIRS Music	922. TSIMA
603. NIRS Language	923. 6WR
604. NIRS Community	

VAST WA
2. ABC HD WA
3. SBS ONE WA
5. NINE
6. GWN7
8. WIN
21. ABC HD WA
22. ABCComedy/Kids WA
23. ABC ME WA
24. ABC NEWS WA
30. SBS HD WA
32. SBS VICELAND
33. Food Network
34. NITV
50. GEM
55. GO!
60. GWN7
61. GWN7
62. 7TWO
63. 7mate
65. ishoptv
68. RACING.COM
80. WIN HD
81. ONE
82. ELEVEN
84. TVSN
85. GOLD

freeview more for free	iew Digital 1	Television Channels	freeview more for free
ABC	2	SBSHD	30
SBSONE	3	SBSTWO	32
Southern Cross Ion	5	One	50
PRIME	6	61	55
WIN	8		62
ABC 2 NO	22		63
ABCK	23	Gem	80
NEWS 24	24	CO.	88
freeview Fre	eview Digita		freeview more for free
SBS Radio 1	38		200
SBS Radio 2	39	000 ABC Jazz	201

Digital TV channels

New national community TV service in metro, regional and remote areas



A new metropolitan and regional free-to-air TV channel in Melbourne, Adelaide, Perth, Sydney, Brisbane and regional Australia that is a community focused national broadcaster aiming to reflect Australia's multicultural diversity and provide an alternative local view platform, UHF channel 32 digital in metro areas, as well as UHF channel 35 digital in regional areas.

We bring you the best content from community TV in Australia and other content in overseas



This will be transitioned from C31, C44 and WTV in metro areas as well as Bushvision in regional areas to become a new statewide versions of national community TV service in the near future.

An realignment of regional TV stations in Australia – Nine to SCA, 10 to WIN

The renewal of regional TV affiliates in affected areas

	Northern New South Wales	NF	Network Te (WIN)	n					011/	All and a second
	Southern New South Wales	СТ	C Nine Network (Channel 9)				Network Ten	Regional Victoria	GLV BCV	Nine Network (Channel 9)
	and ACT	w	IN Network Ter		Regional Queensland	RT	Q (WIN)		VTV	Network Ten (WIN)
-		AN	(WIN) Network Ter	1		TN	Q Nine Network (Channel 9)		MDV	Nine Network (Channel 9)
	Griffith and MIA	M	Nine Network (Channel 9)					Mildura and Sunraysia	STV	Network Ten (WIN)
									SDW	
		TDT	Nine Network (Channel 9)			MGS LRS	Network Ten (WIN Ten)	Regional and Remote	VDW GDW	Nine Network (Channel 9)
sm	nania	тут	Network Ten	N	Mount Gambier and Riverland	SDS	Nine Network	Western Australia	WDW	
		1.4.1	(WIN)			RDS	(Channel 9)			Network Ten

The extended multi-year affiliation deals with Nine to Southern Cross Austereo's Nine Regional stations, Mildura Digital Television, Tasmanian Digital Television, West Digital Television, WIN SA's Nine SA and WIN Griffith's Nine Griffith, as well as WIN Television was an affiliation deal with Network 10 were renewed from July 1 2021, as well as new home of their multi-channels 9Life and 9Rush to join Nine's regional affiliates and then, 10 Shake joins WIN Television channels.

The affiliation deals of regional TV stations for next few years until 2037.

An lot of Free-to-air and satellite channels





Pay TV is going digital cable via satellite For any subscription required



Foxtel and Fetch TV also re-transmits free-to-air channels: ABC, SBS, Seven, Nine, 10

> Pay TV providers coupled with free-to-air satellite services will also carry subscription channels

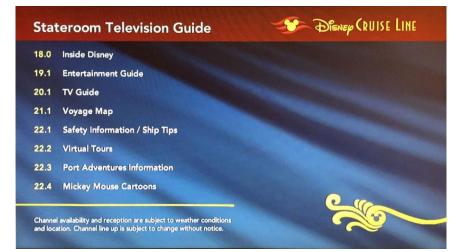
CHANNEL NEWSASIA



The digital resort television channel will help many local and rural communities to accommodation venues, Your hotel, motel and resort can have an in-house digital TV channel complete with its own Resort TV service to provide tourist information, in-house movies, a Lifestyle channel features great music, entertainment programs and classic films, as well as a list of TV channels and other services, a digital resort TV channel is part of hotel TV systems will be able to be displayed on any digital television or set-top-box and at digital ready motels, hotels, resorts and caravan parks within few number of kilometres of any transmission site.

Resort TV Lifestyle Plus

The Resort TV Lifestyle Plus channel is broadcast to all homes in Sanctuary Cove. This channel plays your favourite movies, the latest music videos, lifestyle programs including The Goodlife and Gold Coasting as well as cooking programs, documentaries, short films and much more. Lifestyle Plus is broadcast 24 hours a day, 365 days a year.







Digital TV receivers









ALL CHANNE A TODAY TOO Channel S TOT TV1 TOO Channel S TOT TV1 TOO CANNEL TOO UKTV TOO UKTV TOO SDS TOO Arms	7.00pm Franker Nogen s.H., ABC News Dad Toynta We	Friends Kense Warris The 2.35	Assessed a
105 Lifestyle 107 Channel 7 108 FOX8 110 Channel 10	Brideritian Big Strong Press I The Simps Press I	Olivera Tar. Felicity	The Dross Real Ress. Press)
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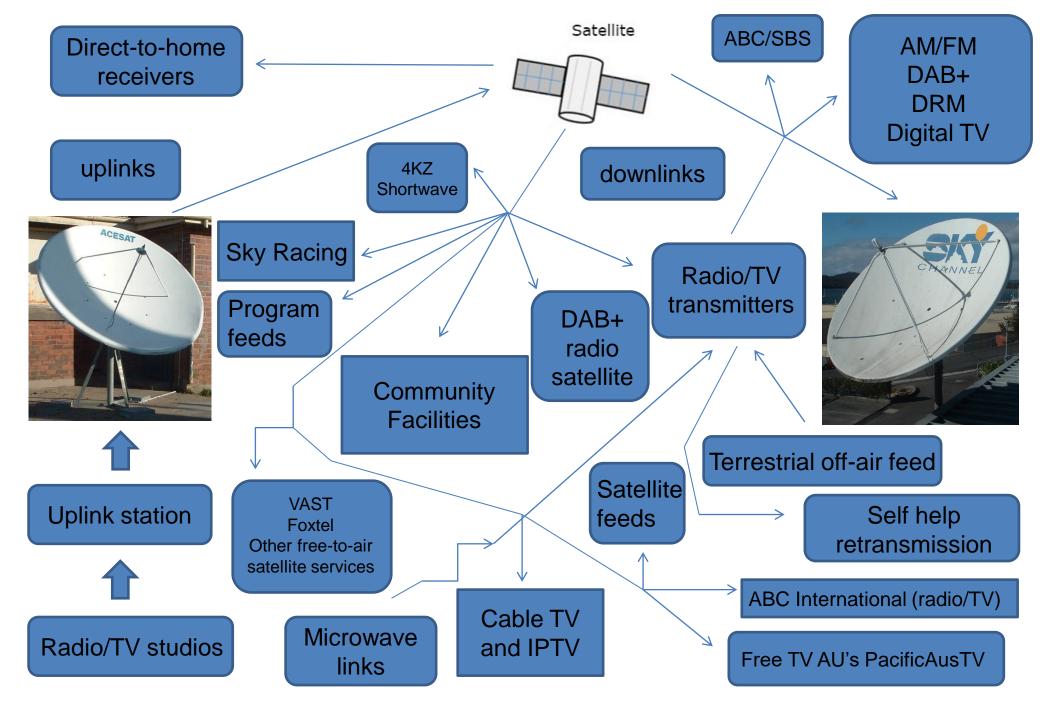
Digital Radio receivers

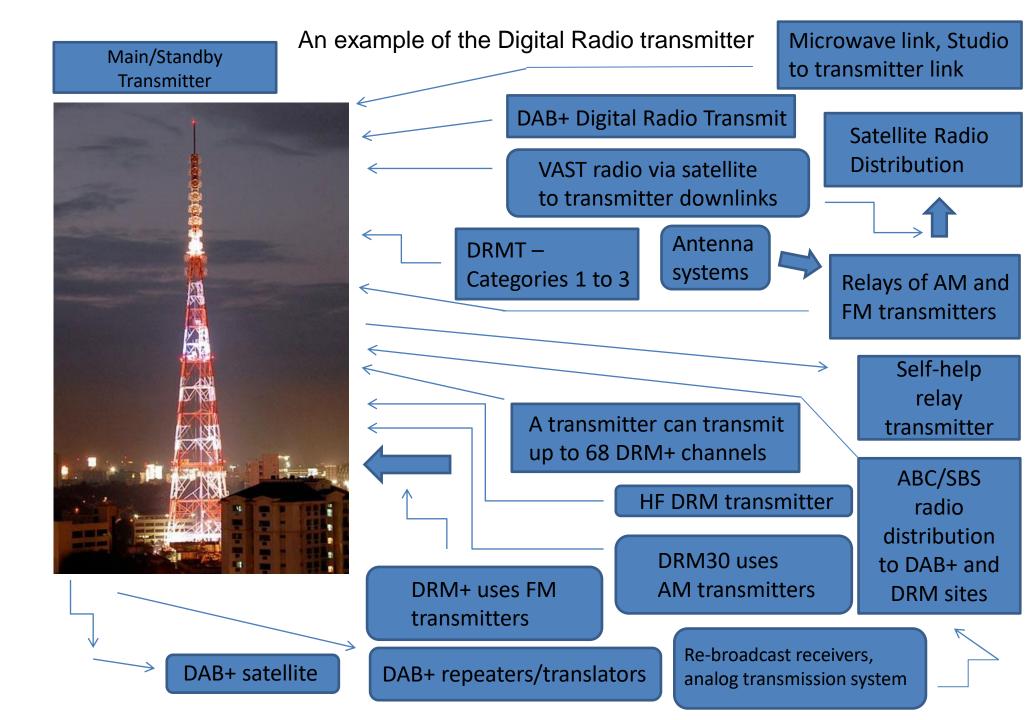






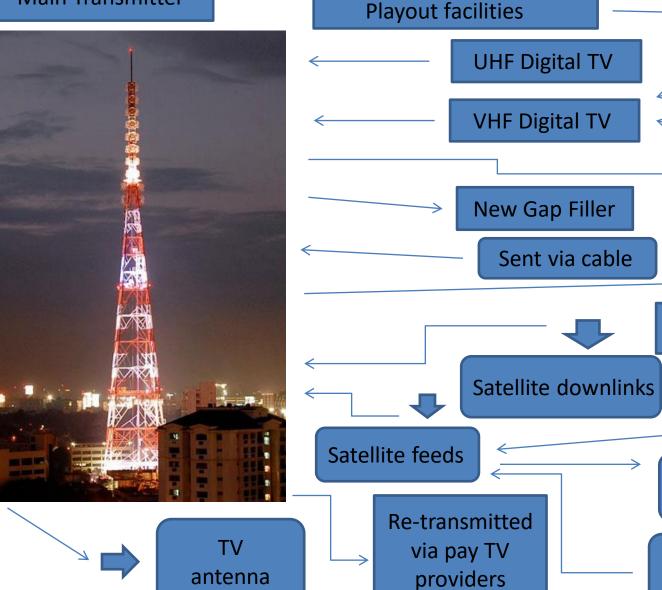


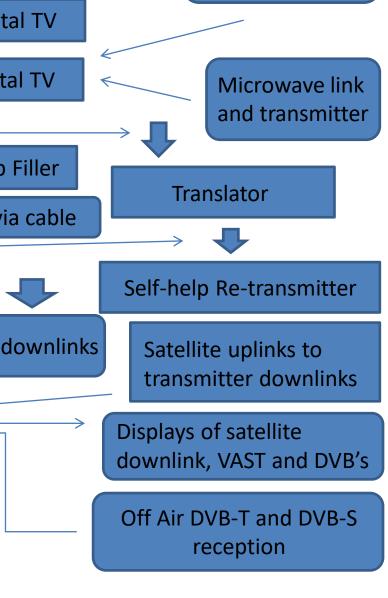




An example of the Digital TV transmitter

Main Transmitter





Studio to

transmitter link

World Radio Day 13th February 2022



World Television Day 21st November 2021



The hundreds and thousands of radio stations all over the world will reach 1 billion listeners in 2021, coupled with the TV households worldwide will rise 1.74 billion by 2023.

For more information: Contact Paul Fletcher MP

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> Electorate Office: Suite 1, Level 2 280 Pacific Highway Lindfield NSW 2070

Phone: (02) 6277 7480, (02) 9465 3950 Email: <u>paul.fletcher.mp@aph.gov.au</u>, <u>minister@communications.gov.au</u> Website: <u>www.paulfletcher.com.au</u>