



AUSTRALIAN REPEATER DIRECTORY

Please advise any corrections or additions to: tacrep@wia.org.au, or by mail to WIA Repeater Directory, PO Box 2042, Bayswater, Vic 3153. Please follow the simple submission guidelines found at the end of this paper.

IRLP – Visit the main IRLP web site at <http://www.irlp.net> for more information.

ECHOLINK – For information, station listings and software downloads, visit <http://www.echolink.org>.

DSTAR – For information about D-Star voice and data repeaters, visit <http://www.dstar.org.au>

P25 – P25 and DMR users can register for a DMR-MARC radio ID in order to utilise the internationally linked Quantar Site Connect system. The URL is <http://dmr-marc.net/cgi-bin/trbo-database/register.cgi>

Fusion – For information about System Fusion repeaters, visit <https://systemfusion.yaesu.com>.

KEY

S	Status:	ERP	Effective radiated power (watts)
O	Operating	HASL	Height above sea level (metres)
T	Testing	T/O	Timeout (minutes)
P	Proposed	Sp	Sponsor responsible for maintenance
X	Currently off Air	Tone	Access Tone (Hz)
U	Licence Pending	Notes	See end of listing

W WIA Broadcast/Callbacks Check <https://www.wia.org.au/members/broadcast/where> for times

Note that numbers that appear in the service area are dates (MM/YY) signifying when the repeater became status T, P, X or U.

Output	Input	Call	Location	Service Area	S	ERP	HASL	T/O	Sp	Tone	Notes
10 metre FM repeaters											
29.120	29.120	VK2RMB	Terrey Hills	Sydney 6/15	P	-	150	-	2MB	-	1
29.120	29.120	VK2RBH	Mt Darling	Broken Hill	O	-	400	-	2DPG	-	12
29.120	29.120	VK4RLB	Woodridge	Brisbane South	O	25	60	4	4ARN	88.5	3
29.140	29.140	VK3RRU	Merbein	Mildura	O	20	-	2.5	3RSG	-	5
29.620	29.520	VK5RSC	Mt Terrible	Adelaide	O	40	410	3	5ARC	-	7
29.630	29.530	VK2RCZ	Winmalee	Sydney West	O	-	-	3	2CRZ	-	-
29.630	29.530	VK7RMD	Mt Duncan	NW Tasmania 6/15	P	30	600	3	7NW	-	-
29.640	29.540	VK3RHF	Olinda	Melbourne	O	100	600	3	3UJ	88.5	8
29.650	29.550	VK2RWI	Dural	Sydney 6/15	X	25	240	-	2WI	-	-
29.660	29.560	VK4RKC	Ocean View	Brisbane North	O	100	530	5	4KI	-	9
29.680	29.580	VK4RHF	Bald Hill	Toowoomba	O	50	500	5	4QF	146.2	123
29.680	29.580	VK6RHF	Leeming	Perth	O	50	300	3	6RRG	179.9	10,11
29.680	29.580	VK7RHF	Mt Nelson	Hobart	O	50	350	5	7HH	91.5	59

6 metre FM repeaters

A.C.T. and New South Wales

53.550	52.550	VK2RSC	Parrots Nest	Lismore	O	20	185	3	2SRC	-	-
53.575	52.575	VK2RPW	Grundy Mtn	Walcha	O	50	1463	3	2WRG	-	-
53.600	52.600	VK2RNW	Mt Kaputar	Narrabri 6/15	X	-	1550	-	2AJ	-	-
53.625	52.625	VK2RSN	Mt Sugarloaf	Newcastle	O	-	442	-	2FA	-	-
53.650	52.650	VK2RMP	Maddens Plains	Wollongong - Sydney	W	40	465	4	2AMW	123	2
53.675	52.675	VK2RMB	Terrey Hills	Sydney 6/15	X	50	150	3	2MB	-	1
53.700	52.700	VK2RGN	Signal Hill	Goulburn	O	-	-	-	2JQ	-	-
53.725	52.725	VK2RAG	Somersby	Gosford-Wyong	W	50	320	3	2EH	91.5	-
53.750	52.750	VK2RCB	Francis L/O Dorrigo	Bellingen 7/17	P	50	850	3	2EP	-	-
53.850	52.850	VK2RWI	Dural	Sydney	W	25	240	3.5	2WI	-	-
53.875	52.875	VK2RBM	Lawson	Blue Mtns	O	-	735	3	2HZ	-	-
53.925	52.925	VK1RGI	Mt Ginini	SE NSW - ACT 6/15	P	35	1770	3	1ACA	91.5	-

Victoria

53.500	52.500	VK3RSA	Emerald	Melbourne 8/17	P	25	316	3	VSA	91.5	-
53.550	52.550	VK3RMH	Kinglake	Melbourne	O	40	600	3	3CNE	-	-
53.575	52.575	VK3RDD	Cranbourne	Cranbourne	O	30	385	3.5	3BJA	91.5	-
53.600	52.600	VK3RMR	Mt Lookout	Gippsland	O	25	-	-	3EGC	-	-
53.625	52.625	VK3RHF	Mt Dandenong	Melbourne 11/17	X	50	600	3	3UJ	88.5	8
53.650	52.650	VK3RWU	Mt William	Grampians	O	-	-	-	3WI	91.5	-

Output	Input	Call	Location	Service Area	S	ERP	HASL	T/O	Sp	Tone	Notes
438.825	431.825	VK7RUN	Trevallyn	Launceston 12/19	T	20	155	2	7YAD	-	
438.850	431.850	VK7RUN	Trevallyn	Launceston	O	20	155	2	7YAD	-	
438.925	431.825	VK7RCM	Snug Tiers	Channel	O	25	370	4	7SD	-	
439.700	434.700	VK7REC	Snow Hill	East Coast	O	-	970	-	7TAZ	-	
439.750	432.750	VK7RDS	Mt Nelson	Hobart	W	30	280	4	7SD	-	
439.775	434.775	VK7RDR	Dazzler Range	Northern Tasmania	W	70	155	5	TNA	91.5	
439.900	434.900	VK7RAL	Companion Hill	Hampshire	W	50	825	5	7TAZ	141.3	59,113
Northern Territory											
438.275	433.275	VK8RDA	Darwin	Darwin 6/15	X	10	75	4	8DA	91.5	
438.525	433.525	VK8RIT	West Gap	Alice Springs	O	25	776	3	8AR	91.5	
438.725	431.725	VK8RKT	Water Tank Hill	Katherine	O	50	143	-	8MA	91.5	122

23cm FM repeaters

A.C.T. and New South Wales

1273.100	1293.100	VK2RTZ	Sugarloaf Range	Lower Hunter	O	83	442	3	2ATZ	-	
1273.200	1293.200	VK2RPW	Grundy Mtn	Walcha	O	30	1463	3	2WRG	-	
1273.200	1293.200	VK2RWC	Chatswood	Sydney	O	30	140	2	NWN	-	
1273.300	1293.300	VK2RPL	Mt Nardi	Lismore 3/17	T	10	850	3	2SRC	-	
1273.400	1293.400	VK2RAG	Somersby	Gosford - Wyong 7/18	T	-	320	-	2EH	-	
1273.500	1293.500	VK2RWI	Dural	Sydney	W	10	240	3	2WI	-	

Victoria

1273.100	1293.100	VK3RCC	Melbourne	Melbourne City	O	50	120	-	3BKR	-	
1273.250	1293.250	VK3RGH	Green Hill	Macedon Ranges 6/24	X	30	600	3	3FY	-	75
1273.350	1293.350	VK3RLV	Mt Tassie	Latrobe Valley	O	80	730	2.5	3WI	-	78
1273.450	1293.450	VK3RMN	Kinglake	Melbourne	O	30	600	3	3FY	-	75
1273.500	1293.500	VK3RMU	Mt St Leonard	Melbourne East 6/15	P	-	-	-	3WI	-	
1273.650	1293.650	VK3RPS	Mt Cottrell	Melbourne West	O	40	217	3	3FY	-	
1273.700	1293.700	VK3RIR	Bendigo	Bendigo	O	-	300	-	3JED	-	
1273.925	1293.925	VK3RBA	Mt Buninyong	Ballarat	O	10	750	3	3WI	91.5	

Queensland

1273.300	1293.300	VK4RSC	Wilkes Knob	Sunshine Coast South	O	-	470	-	4WIS	91.5	
1273.350	1293.350	VK4RLB	Woodridge	Brisbane South 6/15	P	-	560	4	4ARN	-	
1273.400	1293.400	VK4RZB	Constitution Hill	Brisbane 6/15	X	20	560	-	4BWI	91.5	70
1273.500	1293.500	VK4RMC	Mt Coot-tha	Brisbane	O	30	-	3	4QF	-	

South Australia

1273.375	1293.375	VK5RHO	Houghton	Adelaide North 6/15	P	50	410	5	5GRC	-	
1273.450	1293.450	VK5RSC	Mt Terrible	Adelaide South 6/15	T	50	380	5	5ARC	-	
1273.500	1293.500	VK5RSB	Summertown	Adelaide	O	50	620	5	5ARG	-	
1273.550	1293.550	VK5RLZ	Elizabeth	Adelaide North 6/15	X	5	73	5	5LZ	-	

D-Star repeaters

Gateways are marked (G)

A.C.T. and New South Wales

146.6625	146.0625	VK1RWN C	Isaacs Ridge	Canberra Central (G)	O	25	790	3	1ACA	-	
146.6375	146.0375	VK2RAG C	Somersby	Gosford (G)	O	25	320	4	2EH	-	
438.325	432.925	VK2RAG B	Somersby	Gosford (G)	O	25	320	4	2EH	-	96
1273.400	1293.400	VK2RAG A	Somersby	Gosford 6/15	P	10	320	4	2EH	-	
438.775	433.775	VK2RBV B	Sydney	Sydney	O	50	200	3	2BV	-	
146.7625	146.1625	VK2RDS C	Maddens Plains	Wollongong-Sydney 12/24	U	50	465	4	2AMW	-	
146.9625	146.3625	VK2RWN C	Terrey Hills	Sydney (G)	O	25	-	3	2MB	-	
438.400	433.000	VK2RWN B	Terrey Hills	Sydney (G)	O	25	-	3	2MB	-	79,96
1273.900	1293.900	VK2RWN A	Terrey Hills	Sydney (G) 6/15	P	25	-	3	2MB	-	
1298.700	1298.700	VK2RWN AD	Terrey Hills	Sydney (G) 6/15	P	25	-	-	2MB	-	

Victoria

438.9125	438.9125	VK3RCE B	Bendigo	Bendigo (G)	O	25	-	3	3CE	-	
438.200	432.800	VK3RGV B	Mt Wombat	Shepparton (G)	O	25	800	3	3WI	-	96
146.7625	146.1625	VK3RMC C	Berwick	Berwick (G)	O	25	-	-	3APC	-	
438.125	432.725	VK3RMC B	Berwick	Berwick (G)	O	25	-	-	3APC	-	
1273.950	1293.950	VK3RMC A	Berwick	Berwick (G)	O	10	-	-	3APC	-	
1298.100	1298.100	VK3RMC AD	Berwick	Berwick (G)	O	10	-	-	3APC	-	
438.050	432.650	VK3RMM B	Mt Macedon	Melbourne NW (G)	O	25	1011	3	3WI	-	96
146.8875	146.2875	VK3RSD C	Upwey	Melbourne	O	-	270	-	VSA	-	
438.275	432.875	VK3RSD B	Upwey	Melbourne 8/17	P	-	270	-	VSA	-	96
1273.975	1293.975	VK3RSD A	Upwey	Melbourne 8/17	P	-	270	-	VSA	-	
1298.500	1298.500	VK3RSD D	Upwey	Melbourne 8/17	P	-	270	-	VSA	-	
146.9125	146.3125	VK3RWN C	Olinda	Melbourne East (G)	O	25	600	3	3ER	-	
438.300	432.900	VK3RWN B	Olinda	Melbourne East (G)	O	25	600	3	3ER	-	79,96
1273.900	1293.900	VK3RWN A	Olinda	Melbourne East (G)	O	10	600	3	3ER	-	
1298.300	1298.300	VK3RWN AD	Olinda	Melbourne East (G)	O	10	600	-	3ER	-	
438.150	432.750	VK3RWW B	portable	Nation wide (G)	O	25	-	3	WIA	-	96
438.300	432.900	VK3RWW B	portable	Nation wide (G) 6/15	X	25	-	3	WIA	-	96
1273.850	1293.850	VK3RWW A	portable	Nation wide (G) 6/15	X	10	-	3	WIA	-	
1298.900	1298.900	VK3RWW AD	portable	Nation wide (G)	O	10	-	-	WIA	-	

Output	Input	Call	Location	Service Area	S	ERP	HASL	T/O	Sp	Tone	Notes
146.850	146.250	VK4RSD	Malanda	Sth Atherton Tablelands	O	50	730	3	4SDD	-	112
146.825	146.225	VK5RBV	Mt Kitchener	Barossa Valley	W	50	580	3.5	5BRC	-	53
439.800	434.800	VK5RBV	Mt Kitchener	Barossa Valley	W	50	580	3.5	5BRC	-	53
438.325	433.325	VK5RCT	Moonta	Moonta	W	-	-	-	5ZSW	91.5	
438.1125	431.1125	VK5RDF	Crafers	Adelaide	W	50	610	3	5DF	-	
439.825	434.825	VK5RSC	Mt Terrible	Adelaide South	W	50	380	5	5ARC	91.5	
146.675	146.075	VK5RSV	Willunga Hill	Adelaide South	O	50	320	10	5ARC	91.5	52
146.800	146.200	VK6RTH	Tic Hill	Perth North East	O	60	230	4	6RRG	-	19
438.725	431.725	VK8RKT	Water Tank Hill	Katherine	O	50	143	-	8MA	91.5	122
147.000	146.400	VK8RTE	Larrakeyah	Darwin City	O	50	59	4	8DA	123	

ATV repeaters

A.C.T. and New South Wales

444.250	1250.000	VK2RTG	Kariong	Gosford	O	-	220	-	2EH	-	91
1250.000	446.500	VK2RTS	Lawson	Blue Mtns	O	300	370	30	2FKO	-	71
1250.000	444.250	VK2RFM	Oakdale	Sydney 6/24	U	600	450	3.0	2CRZ	-	92

Victoria

445.500	1287.000	VK3RBO	Specimen Hill	Bendigo	O	100	335	-	3WI	-	91,97
445.500	1246.000	VK3RTV	Glen Waverley	Melbourne	W	50	600	-	3WI	-	86
445.500	1255.000	VK3RTV	Glen Waverley	Melbourne	O	50	600	-	3WI	-	86
445.500	1278.000	VK3RTV	Glen Waverley	Melbourne	O	50	600	-	3WI	-	86
445.500	1287.000	VK3RTV	Glen Waverley	Melbourne	O	50	600	-	3WI	-	86

Queensland

444.250	1250.000	VK4RAT	Mt Stuart	Townsville	O	20	584	-	4WIT	-	91
444.250	1250.000	VK4RKP	Mt Crosby	Ipswich	O	100	-	-	4AKP	-	91
446.500	Various	VK4RKC	Ocean View	Brisbane North	O	120	530	-	4KI	-	89
446.500	1283.000	VK4RMG	Ocean View	Brisbane North	O	120	530	-	4RMG	-	109
446.500	Various	VK4RNC	Wilkes Knob	Sunshine Coast	O	120	450	-	4KI	-	110
446.500	Various	VK4RTV	Ocean View	Brisbane North	O	120	530	-	4KI	-	111

South Australia

445.500	1246.000	VK5RDC	The Bluff	Port Pirie & Whyalla	W	100	730	-	5DMC	-	105
445.500	1287.000	VK5RDC	The Bluff	Port Pirie & Whyalla	W	100	730	-	5DMC	-	105
2415.000	1250.000	VK5RLZ	Elizabeth	Adelaide North 6/15	X	250	73	30	5LZ	-	93
5815.000	5735.000	VK5RLZ	Elizabeth	Adelaide North 6/15	X	1	80	30	5LZ	-	93,99
10350.000	10210.000	VK5RLZ	Elizabeth	Adelaide North 6/15	X	25	80	30	5LZ	-	93

Tasmania

446.500	1250.000	VK7RTV	Stowport	Central NW Coast 6/15	P	10	155	30	TNA	-	90
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Repeater notes

- 1 VK2RMB (53.675, 146.875, 438.175 MHz) has simplex gateway on 29.120 MHz.
- 2 VK2RMP 53.650 requires CTCSS 123Hz to access, but can be overridden by sending 6 short transmissions which then places the receiver in Noise Mute mode. Returns to CTCSS after 30secs of non use.
- 3 VK4RLB (53.725 and 438.750) has simplex gateway on 29.120 MHz. Access tone 88.5 Hz.
- 4 VK5ROH 439.825 has proposed simplex gateway on 29.130 MHz. Access tone 118.8 Hz.
- 5 VK3RRU 438.525 has simplex gateway on 29.140 MHz.
- 6 VK3RBA 439.2750, VK3RWU 438.6750, VK3RBH 438.1750, VK3RCU 438.3500, VK3RAD 438.5250 are all linked.
- 7 VK5RSC 10 metre receiver site Willunga Hill. VK5RSC has simplex gateway on 147.675. Gateway access tone 141.3 Hz.
- 8 VK3RHF 29.640, 53.625, 438.750 and 1273.400 are all linked. 10m has three voting receivers (Olinda, horizontal 2 el delta loop yagi; Mt Macedon, ½ wave vertical; near Yea, ground plane). 6m has two voting receivers (Olinda, ½ wave vertical; Macedon, ½ wave vertical). 70cm has two voting receivers (Olinda, Diamond X6000 vertical; Macedon, 3dB vertical). 70 cm access tone 88.5 Hz. Additional 70cm repeater and 10m voting receiver proposed for Mt Baw Baw. VK3RHF 438.750 also has a -7Mhz input.
- 9 VK4RKC 29.660 and 147.900 are linked.
- 10 Rx site Bedfordale.
- 11 Linked to VK6RHF 29.680, VK6RAP 53.800, VK6RMS 147.250, VK6RMW 146.300, VK6RBN 147.350 for WIA News.
- 12 VK2RBH 29.120 and 147.000 are linked.
- 13 VK2RNG 29.130 and 439.850 are linked.
- 14 VK3RTN 53.675, VK3RAG 146.775 are linked. VK3RAD and VK3RAG have 123 Hz CTCSS access.
- 15 Receiver site Ferny Creek.
- 16 VK2RMP 438.725 operates in FM & C4FM Auto Mode. FM users require CTCSS 123Hz.
- 17 Horizontal polarisation for both transmit and receive
- 18 VK3RGV 53.725 does not require CTCSS to open, but the squelch threshold is set high and a 123 Hz tone will open it fully.
- 19 VK2RKG is linked to VK2RCW at Gowan via 70cm
- 20 VK4RTQ 147.225 and VK4RBX 146.6375 are linked.
- 21 VK2RMP 146.850 and VK2RUW 146.675 are linked. Both repeaters are also connected to Echolink Node: 276919. VK2RUW 146.675 uses directional antennas facing south for increased coverage to Shoalhaven & Millton/Ulladulla.
- 22 VK2REE 146.675 transmits 123 Hz tone and accepts Auto C4FM/analog FM modes in, and has fixed FM out.
- 23 VK2ROT 147.025 transmits a 91.5 Hz tone on FM.
- 24 VK2RCB 146.750 and VK2RCH 146.850 are linked.
- 25 VK2RWG 146.750, VK2RBE 146.775, VK2RTD 146.800, VK2RGA 146.825, VK2RGF 146.850 and VK2RTW 438.025 are linked.
- 26 VK2RNC 146.975 is EchoLink node 1474.
- 27 VK2RSR 147.125 is turned on only when required for WICEN use.
- 28 VK2RSV 147.175 is a portable WICEN repeater. When not portable, operates from Vincentia at Jervis Bay.
- 29 VK2RCD 146.725 and VK2RCC 146.800 are linked.
- 30 VK2RST 147.225 is an SSTV / voice repeater.
- 31 VK2RAG 438.075 is linked to VK2RYL 147.225. 91.5 Hz CTCSS access.
- 32 VK2RNS 439.975 is a P25/FM Repeater. Use 91.5Hz CTCSS for FM access.
- 33 VK2RAP 147.275 and VK2RMM 147.375 are linked. IRLP 6683, EchoLink 414994.
- 34 VK4RSS 438.575. IRLP 6215
- 35 VK3REB 146.900, VK3REM 147.150, and VK3REG 146.650 are linked. VK3REM is off air but can be used for WICEN. VK3REG is green powered and may suffer outages due to bad weather.
- 36 VK3RNC 146.700, VK3RNE 147.000 and VK3RPB 147.100 are linked.
- 37 Proposed link between VK3RGS 147.025 and VK3RLV 146.800.
- 38 IRLP/EchoLink node. VK3RFY 147.425 (single frequency) and 438.400 (negative offset) are linked. Now FM & C4FM and possible WRESx connection.
- 39 VK3RMN 146.850 and 439.450 are linked.
- 40 VK3RSR 146.975 and VK3RSS 439.975 are linked. No access tone required.
- 41 VK4RKC 145.625 is an SSTV store-forward repeater.
- 42 VK4RMK 147.000 & 438.425, VK4RBM 146.775 & 439.300, will be linked.
- 43 VK6RBY 438.650 IRLP 6232
- 44 VK4RBU 146.800 and VK4RGA 146.900 are linked.
- 45 VK4RSC 146.850, VK4RSL 146.825 and VK4RSN 146.975 are linked. CTCSS is always required.
- 46 VK3RDQ 144.9375. Accepts C4FM and FM (Narrow) as inputs and outputs FM (Narrow) only. Unavailable Tuesdays between 18:45 & 19:45 to avoid clash with VK3 ALARA State net on VK3RMM.
- 47 VK4RAI 146.900 and VK4RWM 438.375 are linked.
- 48 VK4RGC 146.700 and VK4RBQ 146.950 are permanently linked.
- 49 VH4RMP 146.800, VK4RSP 146.825, VK4RAS 146.875, VK4RGA 146.900, VK4RHR 146.925, VK4RBD 146.950, VK4RRR 146.975, VK4REP 147.075, VK4RAR 438.225, VK4RAI 439.325, VK4RSA 439.635 are linked.
- 50 VK2RUW 146.975 uses directional antennas facing north to Wollongong.
- 51 VK5RNC 146.650, VK5RMG 146.900, VK5RBT 147.350 and VK5RKN 147.375 are linked.
- 52 VK5RSV 146.675 is an Auto C4FM/Analog Repeater
- 53 VK5RBV 146.825 and 439.800 are linked. 91.5 CTCSS tone output on FM transmit.
- 54 2 metre repeaters linked via Allstar VK6RLM 28608 VK6RAW 45390, VK6RMS 44087, VK6RAA 42478, VK6RMJ 42479, VK6RAL 42481, VK6RGN 43804, VK6RAV 45472, VK6RKN 45473. VK6RLM supports Echolink via node VK6ZGN-L 909122
- 55 VK2RFS uses 2 x 14db gain 20 element broadside arrays, one facing North bearing 023deg True & one facing South bearing 182deg True each fed by 50W. Eirp 1KW.
- 56 VK3RMA 146.800, VK3RON 146.700, VK3RVL 147.050 and VK2RBL 146.725 are permanently linked.
- 57 VK6RSR 147.225 is a single-frequency "parrot" repeater.
- 58 VK3RGL, VK3RWL and VK3ROW are linked repeaters
- 59 VK7RHF - 29.680MHz is a multi-site voted repeater system
- 60 VK7RJG 146.650 requires 123 Hz CTCSS for local access, or 141.3 Hz to access VK7RAF & VK7RJG
- 61 VK4RET 146.6750 and VK4RME 147.025 is part of BAD-WAN Linked Repeater System. VK4RET 438.700 Multimode FM/APCO25
- 62 VK7RAD 147.975 has its receiver located remotely from the Queens Domain at Mt Rumney
- 63 IRLP Node 4680
- 64 VK2RSV 439.325 and VK3RSV 439.425 are linked via EchoLink.
- 65 VK1RBM Isaacs Ridge has IRLP Node 6110 on the UHF frequency 439.950 MHz and Echolink.
- 66 VK2RSC 439.950 has no tail.
- 67 VK2RGN 438.325 and VK1RGI 438.050 are linked.
- 68 VK3RUG 438.175, VK3RMG 439.950 and VK3RLE 428.125 are permanently linked.

69 Part of planned simulcast system of co-channel repeaters.
70 VK4RZA 438.100, VK4RZB 438.200 and 1273.400, VK4RZC 438.125, VK4RZD 438.050 and VK4RZG 438.475 are linked, 91.5 Hz CTCSS access.
71 VK2RTS Inputs 1250 FM, 1278 DVB-S, 5696 FM. Output 446.5 DVB-T
72 VK4RAI 438.425 is an IRLP/EchoLink node. IRLP 6782. Echolink 158872.
73 VK7RAA and VK7RWC on 439.900 are simplex repeaters linking the 2 meter repeaters on these sites.
74 VK7RIN on 439.950 is a simplex link to VK7RAA linking only outgoing traffic from VK7RAD for broadcast link purposes.
75 VK3RPS 1273.650, VK3RMN 1273.450, VK3RGH 1273.250 and VK3RBM 1273.150 are to be permanently linked.
76 VK3RCC 438.025 has a power save feature that requires a long key-up to trigger it after a period of inactivity.
77 VK3RTL 438.600 CTCSS free access will be maintained at reduced sensitivity as long as LIPD interference permits. CTCSS required for maximum range.
78 VK3RLV 23 cm repeater is horizontally polarised.
79 VK3RWN B, VK2RWN B, VK4RGC B, VK2RDS B, VK6RWN B are linked.
80 VK2RWS 438.275 and VK2RWK 439.825 repeaters are linked in both P25 and analog mode. P25 NAC 293.
81 VK5RSE 146.800 and VK5ROH 439.825 are linked.
82 VK2RMB 438.175 MHz supports FM and P25 modes.
83 VK5RMN 146.700 has IRLP 6865 and VK5RMN 438.500 has ECHOLINK 880692
84 Analog & P25 – Analog CTCSS: 123.0 – P25 NAC 293 ECHOLINK
85 Analog & P25 – Analog CTCSS: 91.5 – P25 NAC 293
86 VK3RTV-1 has horizontally polarised DVB-S, DVB-S2, and DVB-T inputs supporting Full HD on 1246 MHz and 1255 MHz. VK3RTV-2 has horizontally polarised DVB-S, DVB-S2, and DVB-T inputs supporting Full HD on 1278 MHz and 1287 MHz. Output is DVB-T2 vertically polarised. Liaison frequency is 147.400 MHz.
87 VK5RWH input requires vertical polarisation. Liaison 147.350 MHz relayed to TV sound.
88 Occasional use for emergencies, events, site and path testing.
89 VK4RKC inputs are 1250 FM, 1255 DVB-S, 2415 FM, 3310 FM, 5690 FM, and 10210MHz DVB-S. Receive frequencies, are FM or Digital. Primary outputs 446.500 DVB-T 2439 DVB-T, 5820 FM and 10430MHz FM. Liaison 147.400MHz.
90 AM in, AM out.
91 Input DVB-T SD or HD. Output is DVB-T HD. Vertical Polarisation on input and output. Liaison is 146.6MHz or VK3RBO.
92 AM in, FM out.
93 FM in, FM out.
94 Note negative offset.
95 Note positive offset
96 Note unusual offset.
97 VK3RBO 2415.000 also outputs a DVB-T Standard Definition QSPK modulated signal on 446.500
98 Currently off air pending relocation.
99 Frequency is not consistent with the band plan.
100 IRLP node.
101 EchoLink node.
102 VK3RAJ 439.750, VK3RSA 439.650, VK3RSB 439.550, VK3RMP 439.350, VK3RRC 439.700 and VK3RYN 439.950 are normally linked, but dynamically linked as required for JOTA/Scouting events.
103 Connected via the WiresX to room (24160) "AUS REPEATER NET". VK3RPS is IRLP/Echolink enabled.
104 VK3RAJ 146.825, VK3RPL 146.825 VK3RYN 146.825 are linked.
105 Input DVB-S (Symbol rate 5000ksyms/s, FEC 3/4) or analog PAL. Output DVB-T.
106 VK2REE 438.325 is set to run Auto C4FM/analog FM mode on RX and Auto C4FM/analog FM mode during TX. The repeater transmits a CTCSS tone of 91.5 Hz to enable tone squelch to be used on FM only transceivers to eliminate the digital noise of C4FM.
107 Note DMR repeaters have various shifts. Linked to the VKDMR.COM network
108 Note the swapped Input and Output frequencies. If using data please contact John VK8HF to co-ordinate the amount of data usage
109 Training and testing resource for South West Victoria
110 VK4RNC inputs are 1245, 1250 and 1255MHz. 1250MHz is FM, 1245 and 1255MHz are DVB-S 446.5MHz is a DVB-T output. Liaison 147.400MHz.
111 VK4RTV can operate on any of its frequencies as inputs and outputs. Primary outputs 446.500 DVB-T, 2439 DVB-T, 5820 FM, 10210 DVB-S and 10430 MHz FM. Inputs and outputs can be FM or Digital. See ACMA licence number 1976289 for frequencies. Liaison 147.400MHz
112 VK4RSD 146.850 Wires-X node 14320 Room 24320 No Tone
113 VK7RHT - 146.700 MHz is a multi-site voted and simulcasted repeater system
114 VK4RBT 147.200 is a Negative offset, 1.6MHz split due to paging towers nearby.
115 Member of the South East Qld 2M wide area network
116 Linked via a Point to Point Multipoint Hub at Mt Crawney
117 This repeater operates an EchoIRLP node and services inner East, CBD and Western Suburbs of Melbourne
118 IP linked to VK2RFS & VK2RSE
119 VK2ROJ is listed as 2 physical repeaters. 439.700 is exclusively analog and requires 91.5 Uplink Tone, 438.825 is mixed mode DMR and analog and requires 91.5 Tone for both TX and Rx. Digital mode takes precedence.
120 VK2RWE 70cm is linked to VK2RCV 2m
121 VK2RAY 2m and 70cm repeaters are linked
122 VK8RKT 438.725 uses the new 7 MHz negative split. It operates in FM & C4FM and houses IRLP Node 6800 & Echolink Node 8913

Repeater Sponsors

Could Sponsors indicated by an * below please contact tacrep@wia.org.au and supply a contact email address so as to receive important updates on the listing.

National

WIA WIA National

A.C.T and N.S.W.

NME Metwide Communications
 NWN WICEN VK2
 1ACA Canberra Region ARC
 2ACW Central West Group
 2AJ Northwest ARG
 2AMW Illawarra ARS
 2AO VK2AO
 2AOJ Port Stephens ARC
 2ATZ Westlakes ARC
 2AWX Hunter Radio Group
 2BAY Batemans Bay ARS
 2BOR Oxley Region ARC
 2BTW Tamworth ARC
 2BV Waverley ARS
 2CL Hellenic AR Assoc. of Australia
 2CRN Far South Coast ARC
 2CLR Clarence Valley ARG
 2CRZ Chiefly ARC
 2DAY VK2DAY
 2DIE VK2DIE
 2DK Noumea ARG
 2DPG Broken Hill ARG
 2EH Central Coast ARC
 2EP Coffs Harbour ARC
 2EWC Albury & Wodonga ARC
 2FA Newcastle ATV/UHF Club
 2FG Fisher's Ghost ARC
 2FKO Sydney ATV Group
 2FRE Taree ARC
 2GLR Great Lakes RC
 2GO North Shore ARC
 2HEY Wyangala ACRS
 2HK VK2HK
 2HQ Mid South Coast ARC
 2HZ Blue Mountains ARC
 2IY Armidale District ATV
 2JQ Goulburn & S Highlands ARS
 2JUJ VK3TE
 2LE St George ARS
 2MA Hornsby District ARC
 2MB Manly-Warringah RS
 2MES VK2MES
 2NAB VK2NAB
 2NX Newbridge ARG
 2QJ VK3TE
 2PNH VK2PNH
 2SMS Lightning Ridge Mens Shed
 2SNO Snowy Mountains ARC
 2SRC Summerland ARC
 2THE Nepean ARG
 2UBQ Orana Region ARC
 2VL VK2VL
 2VVV VK2VVV
 2WG Wagga ARC
 2WI Amateur Radio NSW
 2WRG Walcha Radio Group
 2XAQ Parkes & District ARC
 2XE VK2XE

Victoria

VSA Vic. Scout Assoc.
 VVN WICEN VK3
 3AJ VK3AJ
 3ANE NE Victoria ARC
 3APC Moorabbin & District ARC
 3ATL Geelong ARC
 3BKR Central Repeater Group
 3BJA Gippsland Gate RC
 3BML Ballarat ARG
 3BSP Southern Peninsula ARC
 3CE VK3CE
 3CMZ Bendigo AR & E
 3CNE North East Radio Group
 3DIE VK3DIE
 3DQ RadioActives & VK3 ALARA
 3ER EMDRC
 3EGC East Gippsland R&EC
 3FSK Melbourne E & RC
 3FY VK3FY
 3HF South Pacific Contest Club
 3III Wimmera ARG
 3JED VK3JED
 3JFK Six Metre Repeater Group
 3KAY VK3KAY
 3MY VK3MY

3NH VK3NH
 3RSG Sunraysia RG
 3SNR VK3SNR
 3TE VK3TE
 3TVZ VK3TVZ
 3UJ VK3UJ
 3VM VK3VM
 3VW VK3VW
 3XDE VK3XDE
 3YVG Yarra Valley ARG
 3WG VK3WG
 3WI Amateur Radio Victoria
 3ZKV VK3ZKV

Queensland

QGL Gladstone ARC
 QWN WICEN VK4
 4AB VK4AB
 4AGJ VK4AGJ
 4AKP VK4AKP
 4ARN Logan & Beaudesert ARC
 4BA Brisbane ARC
 4BAB VK4BAB
 4BAD Bunya Mtns & District AmCom.
 4BAY Bayside District ARC
 4BJT VK4BJT
 4BRC Border Ranges ARC
 4BS Howard Small
 4BV Bundaberg ARC
 4BWI Brisbane WICEN
 4CHB Hervey Bay ARC
 4DU VK3TE
 4DW VK4DW
 4GYM Gympie Comms & Elec. Group
 4HG VK4HG
 4HM Cairns ARC
 4HN VK4HN
 4KI VK4KI
 4KZK VK4KZK
 4NL VK4NL
 4OD Logan West ARC
 4QD Caboolture RC
 4QF VK4QF
 4RC Redcliffe & District RC
 4RCQ Banana Shire Repeater Assoc.
 4RM VK4RM
 4RMG SEQ ATV Group
 4RMI Mt Isa District ARG
 4ROM Roma District ARS
 4RV VK4RV
 4SDD VK4SDD
 4WAT Tablelands REC
 4WCH Central Highlands ARC
 4WID Darling Downs RC
 4WIE City of Brisbane Radio Soc.
 4WIG Gold Coast ARS
 4WIM Mackay ARA
 4WIP Ipswich RC
 4WIR Rockhampton & District ARC
 4WIS Sunshine Coast ARC
 4WIT Townsville ARC
 4WSS Southside ARC
 4XZ VK4XZ

South Australia and N.T.

STX TRAX FM Mid North R&EG
 SWN WICEN VK5
 5AJ VK5AJ
 5ARC South Coast ARC
 5ARG AR Experimenters Group
 5BAR Adelaide Hills ARS
 5BP Scout RG SA
 5BRC Barossa Valley ARC
 5BRL Riverland RC
 5CZ VK5CZ
 5DF VK5DF
 5DMC VK5DMC
 5GRC North East RC
 5GF South Coast Amateur Radio Group
 5HS VK5HS
 5LZ Elizabeth ARC
 5NRV VK5NRV
 5RNC Naracoorte ARC
 5SR SE RG
 5YFR VK5YFR
 5ZEA VK5ZEA
 5ZSW VK5ZSW
 8AR Alice Springs ARC

8DA Darwin ARC
 8HF VK8HF
 8MA VK8MA

Western Australia

WNW ARS of NW Aust
 WWN WICEN VK6
 6ARG Peel ARG
 6BRC Bunbury RC
 6DF VK6DF
 6FN VK6FN
 6LS VK6LS
 6MHZ VK6MHZ
 6ML VK6ML
 6NC Northern Corridors RG
 6RNA Northside Radio Assoc. Inc.
 6PK VK6PK
 6RGN Geraldton ARG
 6RM VK6RM
 6RRG WARG
 6SH Scout Assoc. of Aust. (WA)
 6SKY VK6SKY
 6SR Southern Elec Group
 6ZTN VK6ZTN

Tasmania

TNA NW ATV Group
 TWN WICEN VK7
 7DB VK7DB
 7DC VK7DC
 7HDM VK7HDM
 7HH VK7HH
 7JD VK7JD
 7NW Cradle Coast ARC
 7OB VK7OB
 7OTC Radio and Electronic Assoc. of Southern Tasmania
 7RRR VK7YXX
 7RWC West Coast Radio Group
 7SD VK7SD
 7TAZ Northern Tasmania ARC
 7YAD VK7YAD
 7ZCR VK7ZCR

Submission Guidelines

If you believe that an entry of a repeater in this listing is incorrect, then please contact the sponsor of the repeater to get clarification. The sponsor code column **SP** will tell you who the sponsor is. If you have trouble contacting the sponsor, then email tacrep@wia.org.au and we will forward the email to the sponsor verbatim.

Sponsors

If you want to add, delete or change a repeater listing please see the following examples.

The line format is copied directly from the downloadable CSV file. See <http://www.wia.org.au/members/repeaters/data>.

Each field separated by a comma directly relates to a column in the listing.

Note that the changed information is highlighted in red.

Headings: **Output, Input, Call, Location, Service Area, Status, ERP, HASL, Timeout, Sponsor, Tone, Notes**

Reason for Change: ***New Tone Access Code for VK2RMD from 91.5 to 123***

Old Entry: 146.7500,146.1500,VK2RMD,Mt Kuring-gai,Sydney North Shore,O,50,250,3,2MD,91.5,24

New Entry: 146.7500,146.1500,VK2RMD,Mt Kuring-gai,Sydney North Shore,O,50,250,3,2MD,123,24

Comment: This repeater is also shown in the System Fusion section and does not need tone access for this mode

Reason for Change: ***Please delete the listing of VK2RMD.***

Old Entry: 146.7500,146.1500,VK2RMD,Mt Kuring-gai,Sydney North Shore,O,50,250,3,2MD,123,24

Comment: Please delete from the System Fusion section as well.

Reason for Change: ***Please add the listing of VK2RMD***

New Entry: 146.7500,146.1500,VK2RMD,Mt Kuring-gai,Sydney North Shore,O,50,250,3,2MD,123,??

Note ??: VK2RMD is a solar powered repeater that is not available when the sun does not shine.

Comment: Please add to the System Fusion section as well.

Reason for Change: ***Please add a note to the listing of VK2RMD***

Old Entry: 146.7500,146.1500,VK2RMD,Mt Kuring-gai,Sydney North Shore,O,50,250,3,2MD,123,??

Note ??: VK2RMD is a solar powered repeater that is not available when the sun does not shine.

Reason for Change: ***Please change the note to the listing of VK2RMD***

Old Entry: 146.7500,146.1500,VK2RMD,Mt Kuring-gai,Sydney North Shore,O,50,250,3,2MD,123,24

Note 24: VK2RMD is a battery backed solar powered repeater that may become unavailable after long periods of inclement weather.

Reason for Change: ***New sponsor VK4MDMD vk4mdmd@wia.org.au***

Old Entry: 146.7500,146.1500,VK2RMD,Mt Kuring-gai,Sydney North Shore,O,50,250,3,2MD,123,24

New Entry: 146.7500,146.1500,VK2RMD,Mt Kuring-gai,Sydney North Shore,O,50,250,3,4MDMD,123,24

Comment: I love the new listing format as it makes my job so much easier ☺

Many thanks to the Sponsors who are already using this format. It makes the job of maintaining the listing a lot easier for tacrep. It also makes the repeater sponsors job easier to now have a standard reporting format.