

# ZL AMATEUR RADIO BEACONS

3rd Nov 2020

# On Air - Not Active or Under Construction by Frequency Listing

Station Name	Freq MHz	Station Call-sign	Map Name	Grid Map	Branch Number	Status	Comment ( Beacon update indicated with ** )
NCDXF 20m	14.100	ZL6B	Masterton	RE79TA	46	On	?
NCDXF 17m	18.110	ZL6B	Masterton	RE79TA	46	On	?
NCDXF 15m	21.150	ZL6B	Masterton	RE79TA	46	On	?
NCDXF 12m	24.930	ZL6B	Masterton	RE79TA	46	On	?
NCDXF 10m	28.200	ZL6B	Masterton	RE79TA	46	On	?
Christchurch 10m	28.228	ZL3TEN	Aylesbury	RE66DL	5	On	?
Upper Hutt 10m	28.229	ZL2MHF	Upper Hutt Club Rooms	RE78MU	63	Under Construction	10W Horizontal half wave dipole FSK
Bay of Islands 6m	50.011	ZL1SIX	Manginangina	RF64VT	Private	On	25W, Horizontal, 3el Yagi west, CW
Manawatu 6m	50.024	ZL2WHO	Wharite	RE79VR	Private	On	?
Christchurch 6m	50.040	ZL3SIX	Aylesbury	RE66DL	5	On	?
Westland 6m	50.055	ZL3MBH	Westland	RE57MI	49	Off	Lost site
Upper Hutt 6m	52.275	ZL2MHF	Upper Hutt Club Rooms	RE78MU	63	Under Construction	10W Horizontal half wave whip FSK
Blenheim 6m	52.490	ZL2SIX	Blenheim	RE68XK	22	Under Construction	8W TX to coax Vertical ERP unknown CW
Auckland 2m	144.253	ZL1VHF	Nihotupu	RE74GB	66	Off	?
Waikato 2m	144.260	ZL1VHW	Hamilton City	RE72OF	81	Off	?
Manawatu 2m	144.271	ZL2WHO	Wharite	RE79VR	Private	On	?
Hawkins Hill 2m	144.275	ZL2UHF	Hawkins Hill	RE78IQ	74	Off	5W Horizontal FSK
Christchurch 2m	144.285	ZL3VHF	University Building	RE66GL	5	On	?
Westland 2m	144.286	ZL3MBH	Westland	RE57MI	49	Off	Lost site
Auckland 70cm	432.240	ZL1UHF	Nihotupu	RE74GB	66	Off	?
Manawatu 70m	432.271	ZL2WHO	Wharite	RE79VR	Private	On	?
Hawkins Hill 70cm	432.275	ZL2UHF	Hawkins Hill	RE78IQ	74	Off	2W Horiz FSK
Christchurch 70cm	432.285	ZL3VHF	University Building	RE66GL	5	On	?
Colonial Knob 32cm	925.275	ZL2WA	Colonial Knob	RE78JU	74	On	AFSK (Note this is not at published site)
Manawatu 23m	1296.271	ZL2WHO	Wharite	RE79VR	Private	On	?
Hawkins Hill 23cm	1296.275	ZL2UHF	Hawkins Hill	RE78IQ	74	Off	8W Horiz FSK/AFSK
Lower Hutt 12cm	2402.275	ZL2HV	Lower Hutt	RE78LS	18	Off	40mW ERP Horiz. Beam East AFSK
Waikato 12cm	2424.260	ZL1VHW	Takaurunga	RE72XC	81	On	?
Colonial Knob 9cm	3400.275	ZL2SHF	Colonial Knob	RE78JU	74	On	?
Muriwai 5cm	5765.000	ZL1SHF	Muriwai	RE78NU	74	On	0.5W 2x15dBi Horiz.180/270deg true 210mASL
Mt Climie 3cm	10368.275	ZL2VHX	Mt Climie	RE78NU	63	On	?

Private = Privately owned and operated and not a club beacon.

# ZL AMATEUR RADIO BEACONS

3rd Nov 2020

## On Air - Not Active or Under Construction by area location

Station Name	Freq MHz	Station Call-sign	Location	Grid Map	Branch Number	Status	Comment ( Beacon update indicated with ** )
NCDXF 20m	14.100	ZL6B	Masterton	RE79TA	46	On	?
NCDXF 17m	18.110	ZL6B	Masterton	RE79TA	46	On	?
NCDXF 15m	21.150	ZL6B	Masterton	RE79TA	46	On	?
NCDXF 12m	24.930	ZL6B	Masterton	RE79TA	46	On	?
NCDXF 10m	28.200	ZL6B	Masterton	RE79TA	46	On	?
Christchurch 10m	28.228	ZL3TEN	Aylesbury	RE66DL	28	On	?
Muriwai 5cm	5765.000	ZL1SHF	Muriwai	RE73FD	74	On	0.5W 2x15dBi Horiz.180/270deg true 210mASL
Bay of Islands 6m	50.011	ZL1SIX	Manginangina	RF64VT	Private	On	25W, Horizontal, 3el Yagi west, CW
Auckland 2m	144.240	ZL1VHF	Nihotupu	RE73GB	66	Off	?
Auckland 70cm	432.240	ZL1UHF	Nihotupu	RE73GB	66	Off	?
Waikato 2m	144.260	ZL1VHW	Hamilton City	RE72OF	81	Off	?
Waikato 12cm	2424.260	ZL1VHW	TAKAURUNGA	RE72XC	81	On	?
Manawatu 6m	50.024	ZL2WHO	Wharite	RE78VR	Private	On	?
Manawatu 2m	144.271	ZL2WHO	Wharite	RE78VR	Private	On	?
Manawatu 70cm	432.271	ZL2WHO	Wharite	RE78VR	Private	On	?
Manawatu 23cm	1296.271	ZL2WHO	Wharite	RE78VR	Private	On	?
Hawkins Hill 2m	144.275	ZL2UHF	Hawkins Hill	RE78IQ	74	Off	5W Horiz FSK
Hawkins Hill 70cm	432.275	ZL2UHF	Hawkins Hill	RE78IQ	74	Off	2W Horiz FSK
Hawkins Hill 23cm	1296.275	ZL2UHF	Hawkins Hill	RE78IQ	74	Off	8W Horiz
Upper Hutt 10m	28.229	ZL2MHF	Upper Hutt	RE78MU	63	Under construction	10W Horizontal half wave whip FSK
Upper Hutt 6m	52.275	ZL2MHF	Upper Hutt	RE78MU	63	Under construction	10W Horizontal half wave dipole FSK
Colonial Knob 32cm	925.275	ZL2WA	Colonial Knob	RE78JU	74	On	?
Colonial Knob 9cm	3400.275	ZL2SHF	Colonial Knob	RE78JU	74	On	?
Lower Hutt 12cm	2402.275	ZL2HV	Lower Hutt	RE78LS	18	Off	40mW ERP Horiz. Beam East AFSK
Blenheim 6m	52.490	ZL2SIX	Wither Hills	RE68XK	22	Under construction	Expected Q4 2020
Westland 2m	144.286	ZL3MBH	Westland	RE57MI	49	Off	Lost site
Westland 6m	50.055	ZL3MHB	Westland	RE78MI	49	Off	Lost site
Christchurch 6m	50.040	ZL3SIX	Aylesbury	RE66DL	5	On	?
Christchurch 10m	28.228	ZL3TEN	Aylesbury	RE66DL	5	On	?
Christchurch 2m	144.285	ZL3VHF	University Building	RE66GL	5	On	?
Christchurch 70cm	432.285	ZL3UHF	University Building	RE66GL	5	On	?

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## Repeaters with Beacon or IRLP / Echo link key up function

Startion Name	Carrier Freq-MHz	Callsign	Grid	Comment
Mt Climie 1292	1292.000	ZL2VH	RE78NU	Beacons every 15mins AFSK
Mt Climie 396	53.950	ZL2VH	RE78NU	Beacons every 15mins AFSK

Repeaters that can be keyed up via the Internet

Mt Climie 730	147.300	ZL2VH	RE78NU	IRLP key up node 6713
Mt Climie 5425	145.425	ZL2VH	RE78NU	Key up via ZL2VH C
Mt Climie 860	438.600	ZL2VH	RE78NU	Key up via ZL2VH B
Mt Grey 675	146.750	ZL3AC	RE66GV	Key up via Canterbury-YSF
Cass Peak 850	438.500	ZL3AC	RE66HI	Key up via Echo Link.

Example of how to use repeaters as beacons.

Stations in Whangarei who have seen the Hepburn index

[http://www.dxinfocentre.com/tropo\\_au.html](http://www.dxinfocentre.com/tropo_au.html)

can key up node 6713 that will activate the Mt Climie 730 repeater.

Using a hand held to access via node 6095 on the ZL1AM 870 UHF repeater.

TX into 870 and listen for carrier in either USB, CW or FM.

If 730 Wellington is heard then the band is open on VHF.

The same applies to Echo Link, D-Star and YSF