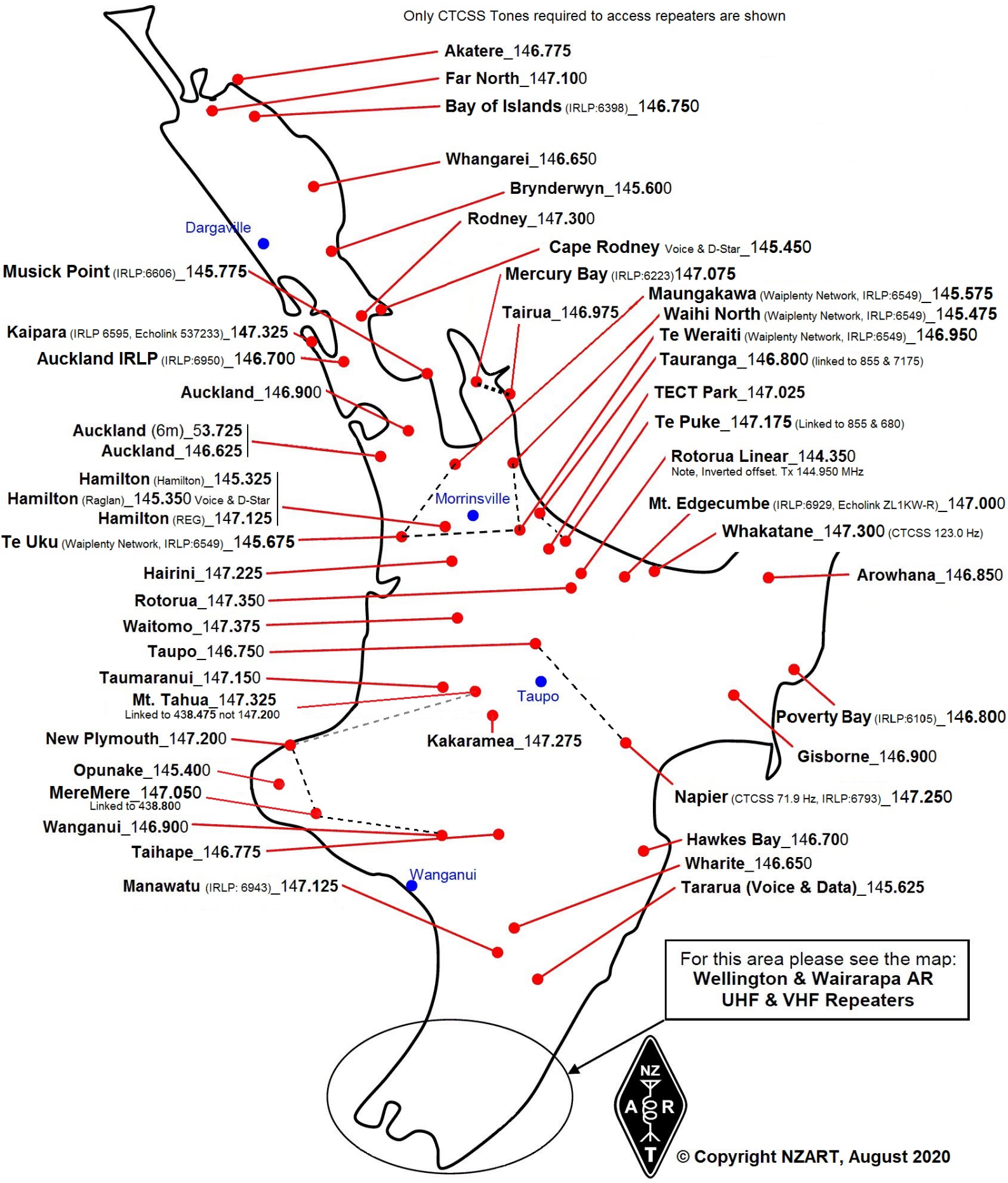
North Island Amateur Radio 6 m & 2 m (VHF) Repeaters

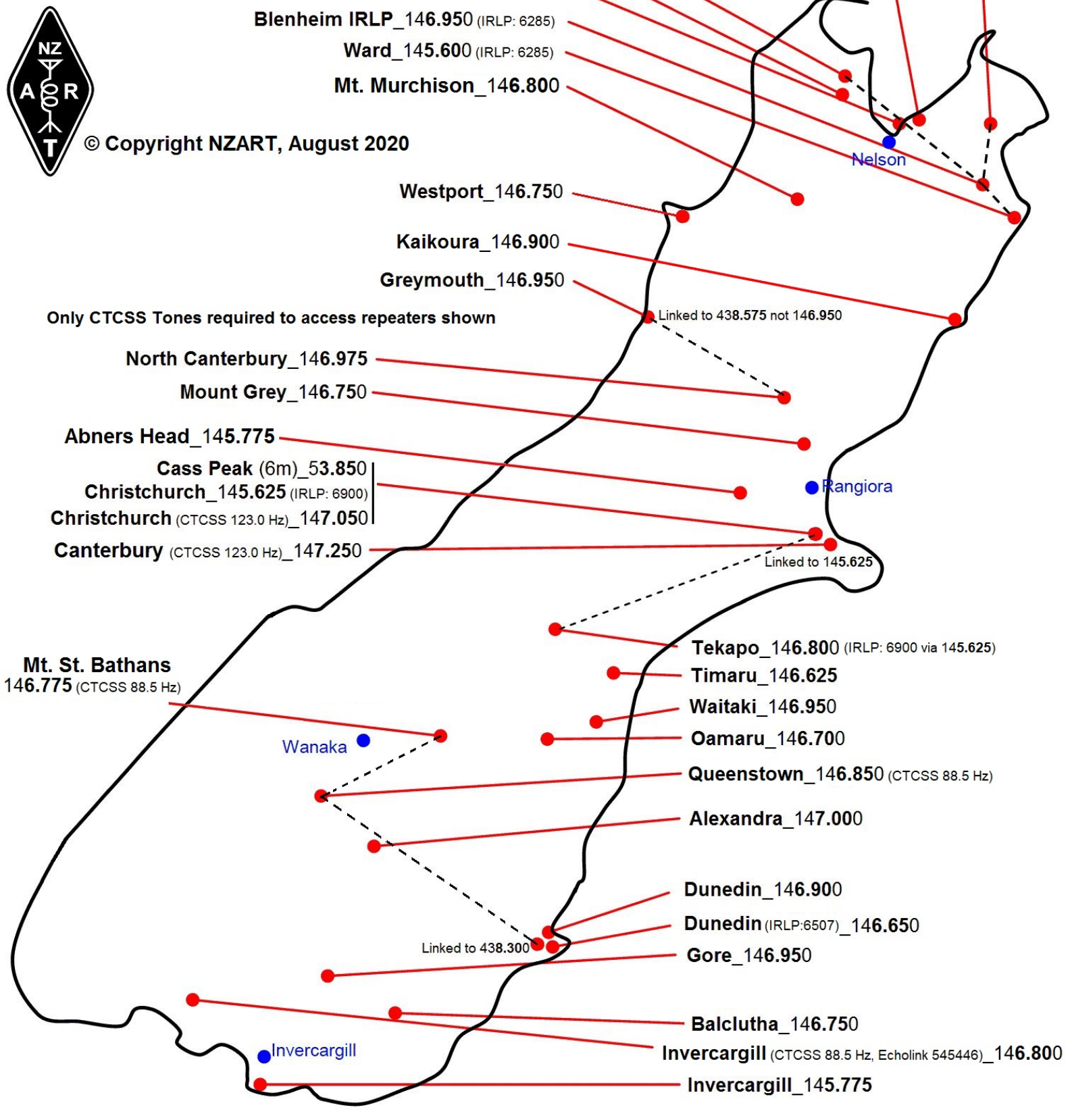
NOTE 1. The **naming system** is explained on the map **NZ South Island AR UHF Repeaters**
2. Repeater **Offsets** are explained on the map **Wellington & Wairarapa AR UHF & VHF Repeaters**



© Copyright NZART, August 2020

South Island Amateur Radio 6 m & 2 m (VHF) Repeaters

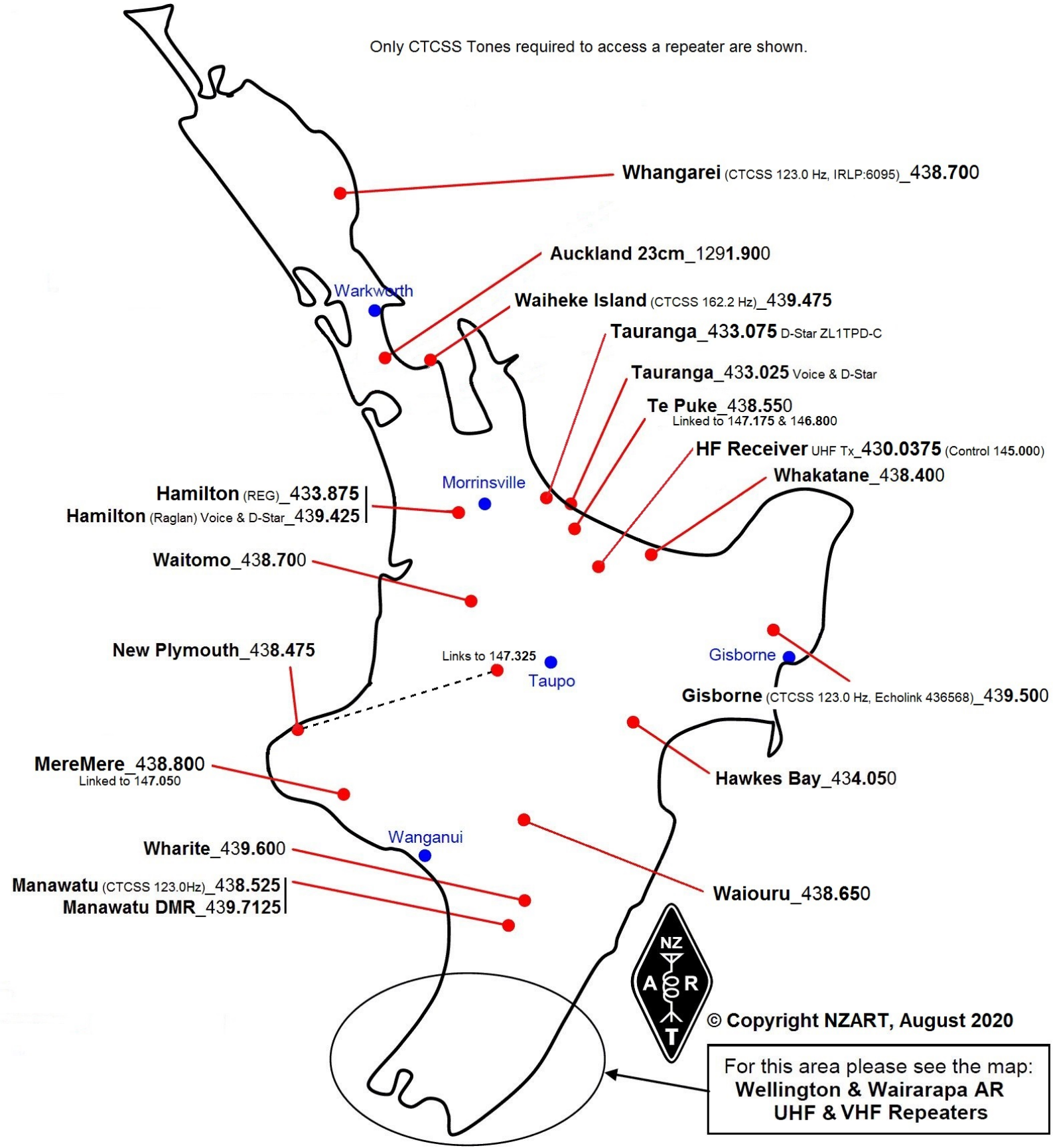
NOTE 1. The **naming system** is explained on the map **NZ South Island AR UHF Repeaters**
2. Repeater Offsets **are explained on the map** Wellington & Wairarapa AR UHF & VHF Repeaters



© Copyright NZART, August 2020

NZ North Island AR UHF Repeaters

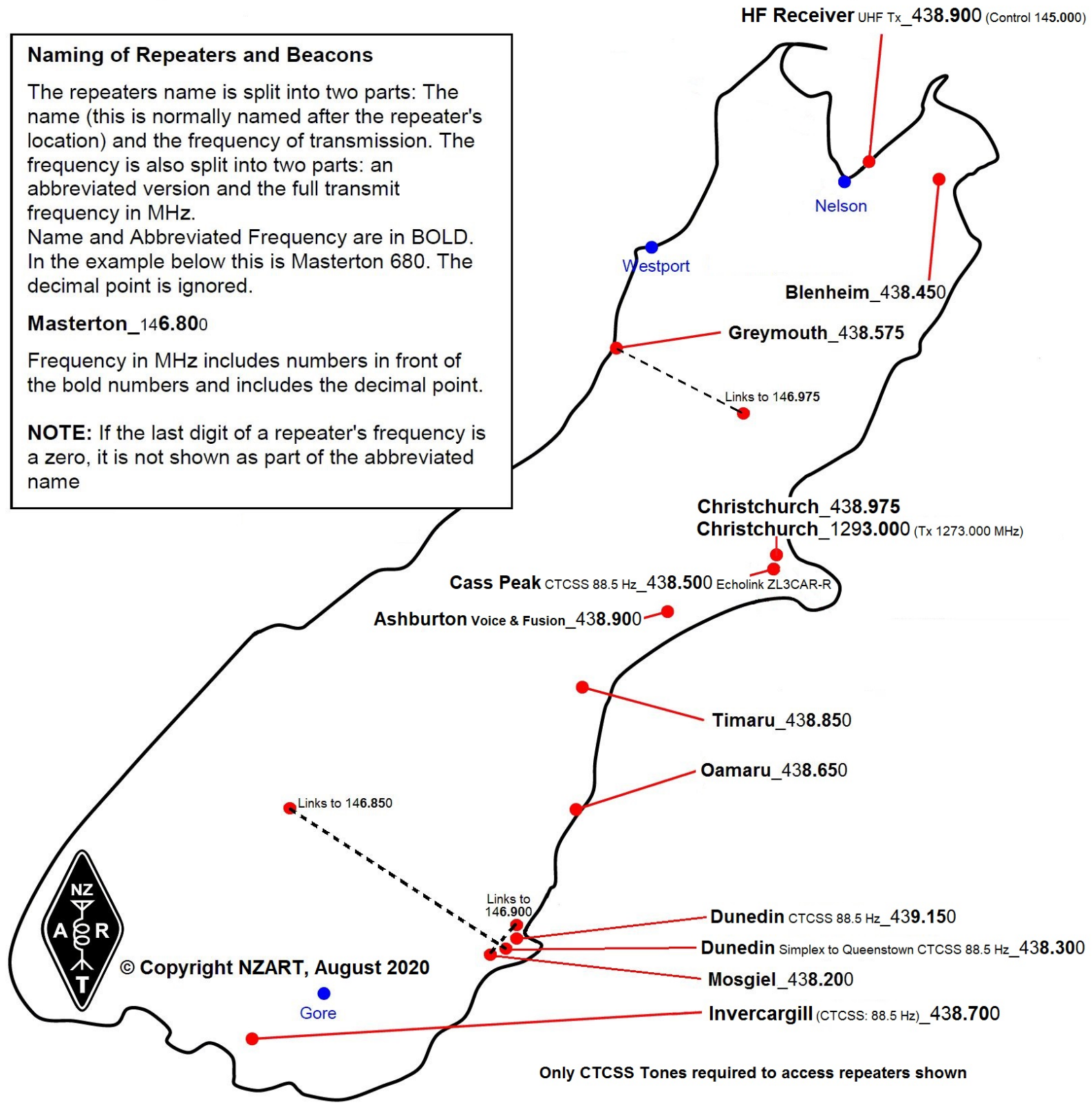
NOTE 1. The **naming system** is explained on the map **NZ South Island AR UHF Repeaters**
2. Repeater **Offsets** are explained on the map **Wellington & Wairarapa AR UHF & VHF Repeaters**



NZ South Island AR UHF Repeaters

NOTE 1. The **naming system** is explained on the map **NZ South Island AR UHF Repeaters**
2. Repeater **Offsets** are explained on the map **Wellington & Wairarapa AR UHF & VHF Repeaters**

National System repeaters are listed on their own page



Naming of Repeaters and Beacons

The repeaters name is split into two parts: The name (this is normally named after the repeater's location) and the frequency of transmission. The frequency is also split into two parts: an abbreviated version and the full transmit frequency in MHz.
Name and Abbreviated Frequency are in BOLD. In the example below this is Masterton 680. The decimal point is ignored.

Masterton_146.800

Frequency in MHz includes numbers in front of the bold numbers and includes the decimal point.

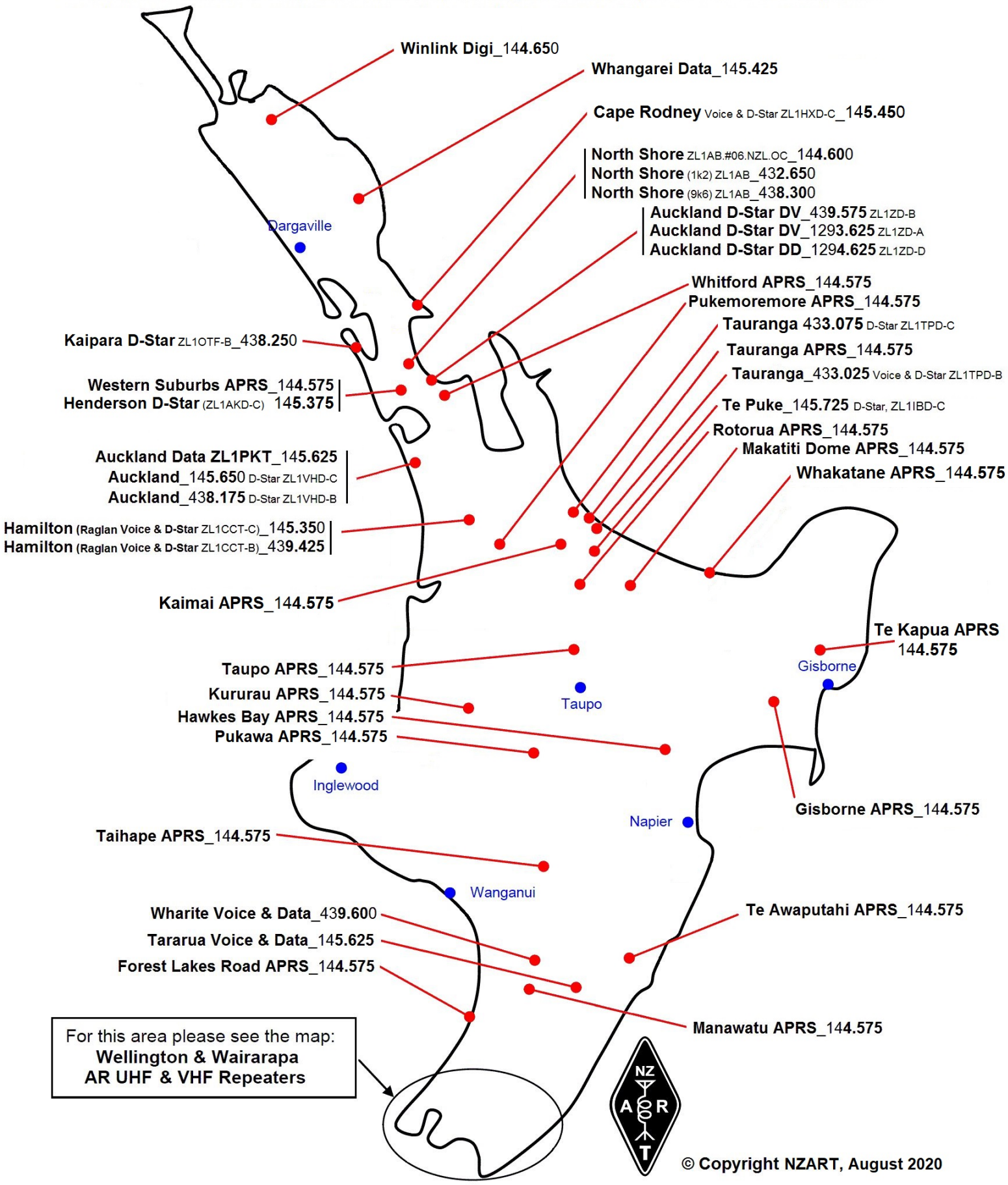
NOTE: If the last digit of a repeater's frequency is a zero, it is not shown as part of the abbreviated name

© Copyright NZART, August 2020

Only CTCSS Tones required to access repeaters shown

North Island APRS, BBS, Data (& Voice), Digipeaters

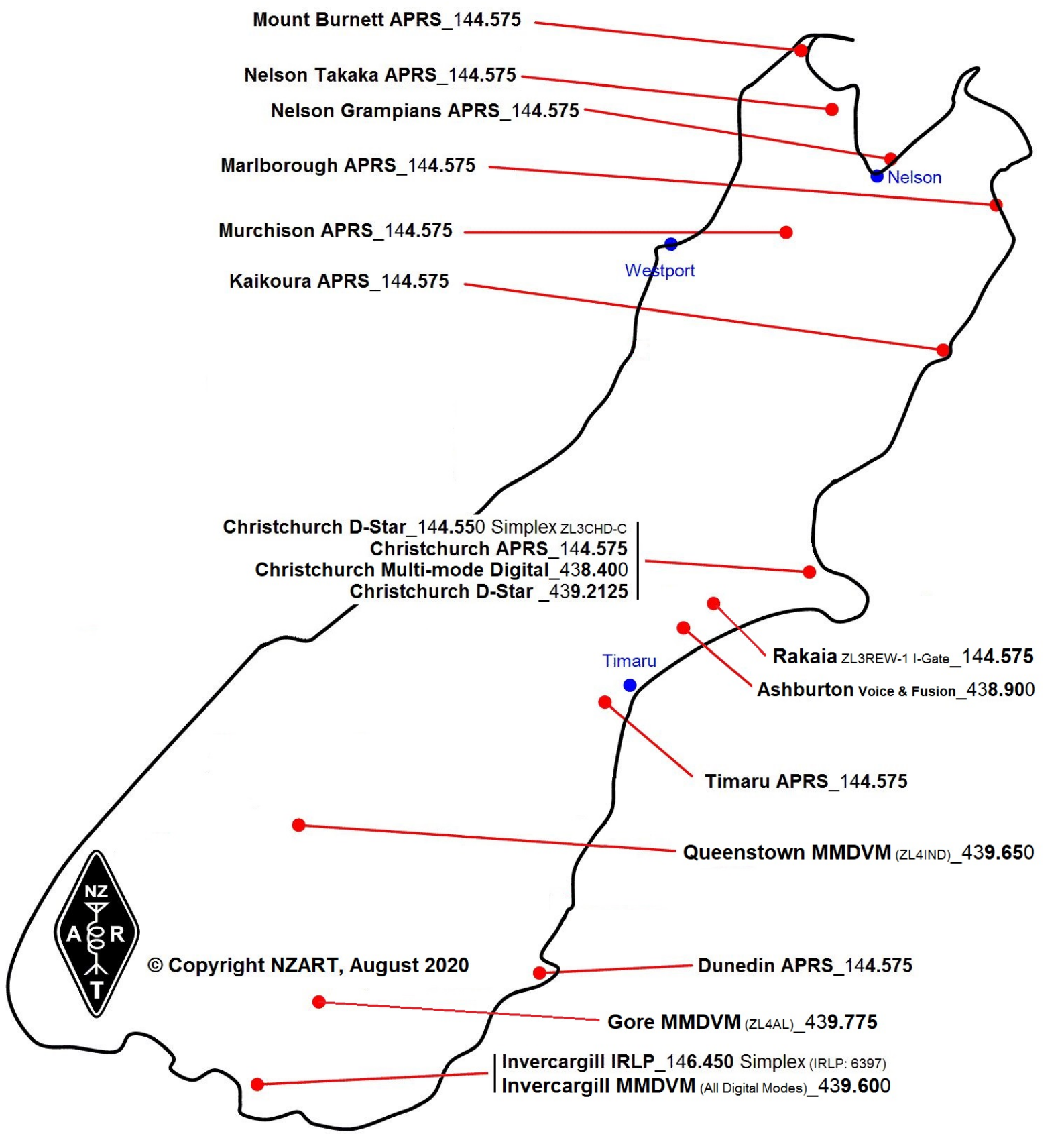
NOTE 1. The **naming system** is explained on the map **NZ South Island AR UHF Repeaters**
2. Repeater **Offsets** are explained on the map **Wellington & Wairarapa AR UHF & VHF Repeaters**



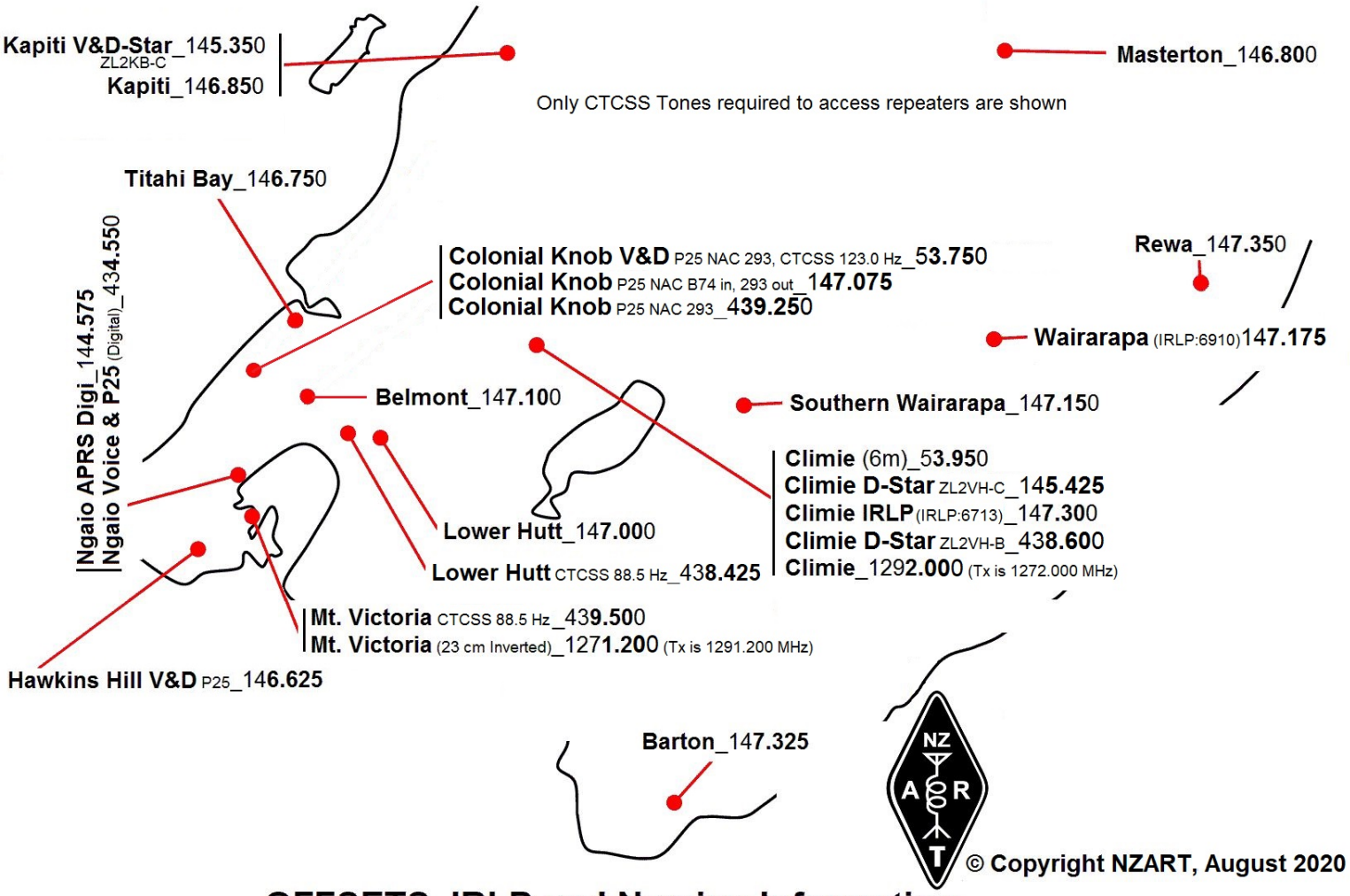
© Copyright NZART, August 2020

South Island APRS, BBS, Data (& Voice), Digipeaters

NOTE 1. The **naming system** is explained on the map **NZ South Island AR UHF Repeaters**
2. Repeater **Offsets** are explained on the map **Wellington & Wairarapa AR UHF & VHF Repeaters**



Wellington & Wairarapa AR UHF & VHF Repeaters



© Copyright NZART, August 2020

OFFSETS, IRLP and Naming Information

Bands, Offsets and Frequency of Transmission

6 m	User transmits 1 MHz lower
2 m	Rotorua Linear on 144.350 MHz, Tx is 600 kHz higher on 144.950 MHz User transmits 600 kHz lower for repeater output frequencies of 145.325 to 147.000 MHz. User transmits 600 kHz higher for repeater output frequencies of 147.025 to 147.375 MHz
70 cm	User transmits 5 MHz lower for 438.xxx and 439.xxx. User transmits 5 MHz higher for 433.xxx and 434.xxx
23 cm	User transmits lower by 20.000 MHz (Exception: Mount Victoria which is inverted, Transmit 20 MHz Higher)

Internet Radio Linking Project (IRLP)

1. For information see http://www.irlp.net/
2. Simplex IRLP nodes are shown on the Digital pages.

Naming of Repeaters

The repeaters name is split into two parts: The name (this is normally named after the repeater's location) and the frequency of transmission. The frequency is also split into two parts: an abbreviated version and the full transmit frequency in MHz. The name and abbreviated frequency are in **BOLD** and in the example below, Masterton 680 is used. The decimal point is ignored in the abbreviated version.

Masterton_146.800

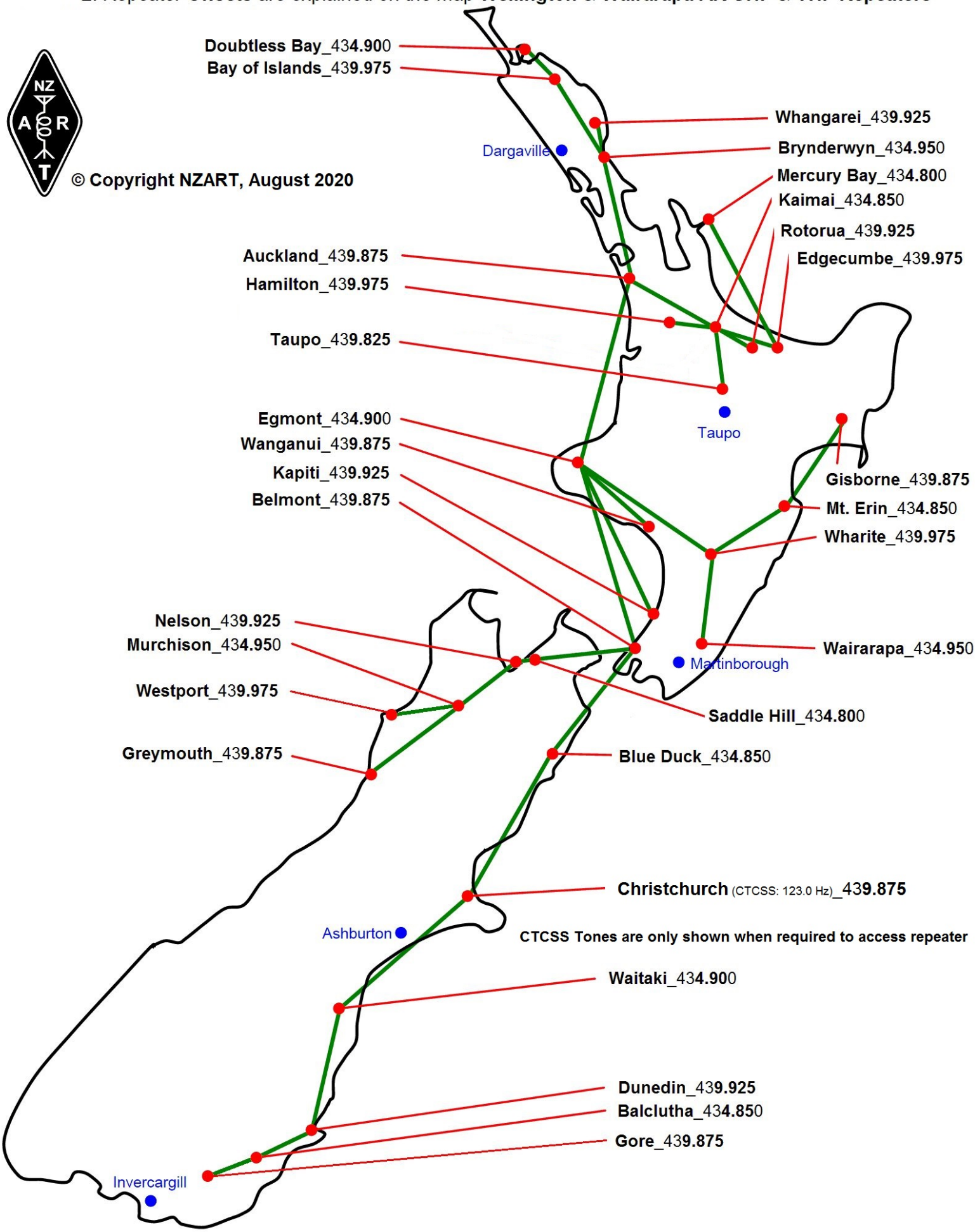
The frequency in MHz includes numbers in front of the bold numbers and includes the decimal point.

NOTE: If the last digit of a repeater's frequency is a zero, it is not shown as part of the abbreviated name as shown above. **Barton_147.325** has a four-figured abbreviation of Barton 7325 where the last digit is a number five.

New Zealand Amateur Radio National System

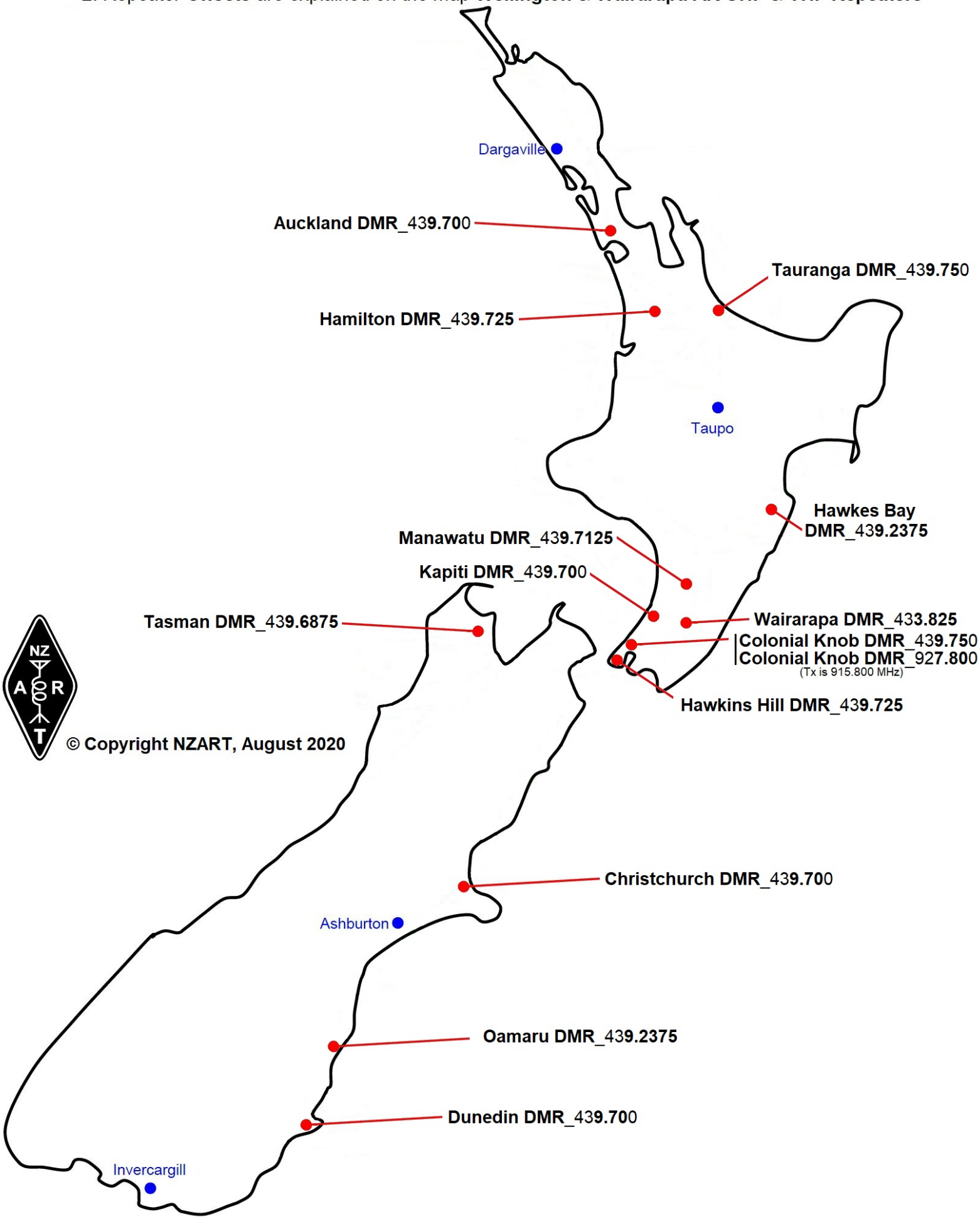
NOTE 1. The naming system is explained on the map **NZ South Island AR UHF Repeaters**
2. Repeater **Offsets** are explained on the map **Wellington & Wairarapa AR UHF & VHF Repeaters**

© Copyright NZART, August 2020



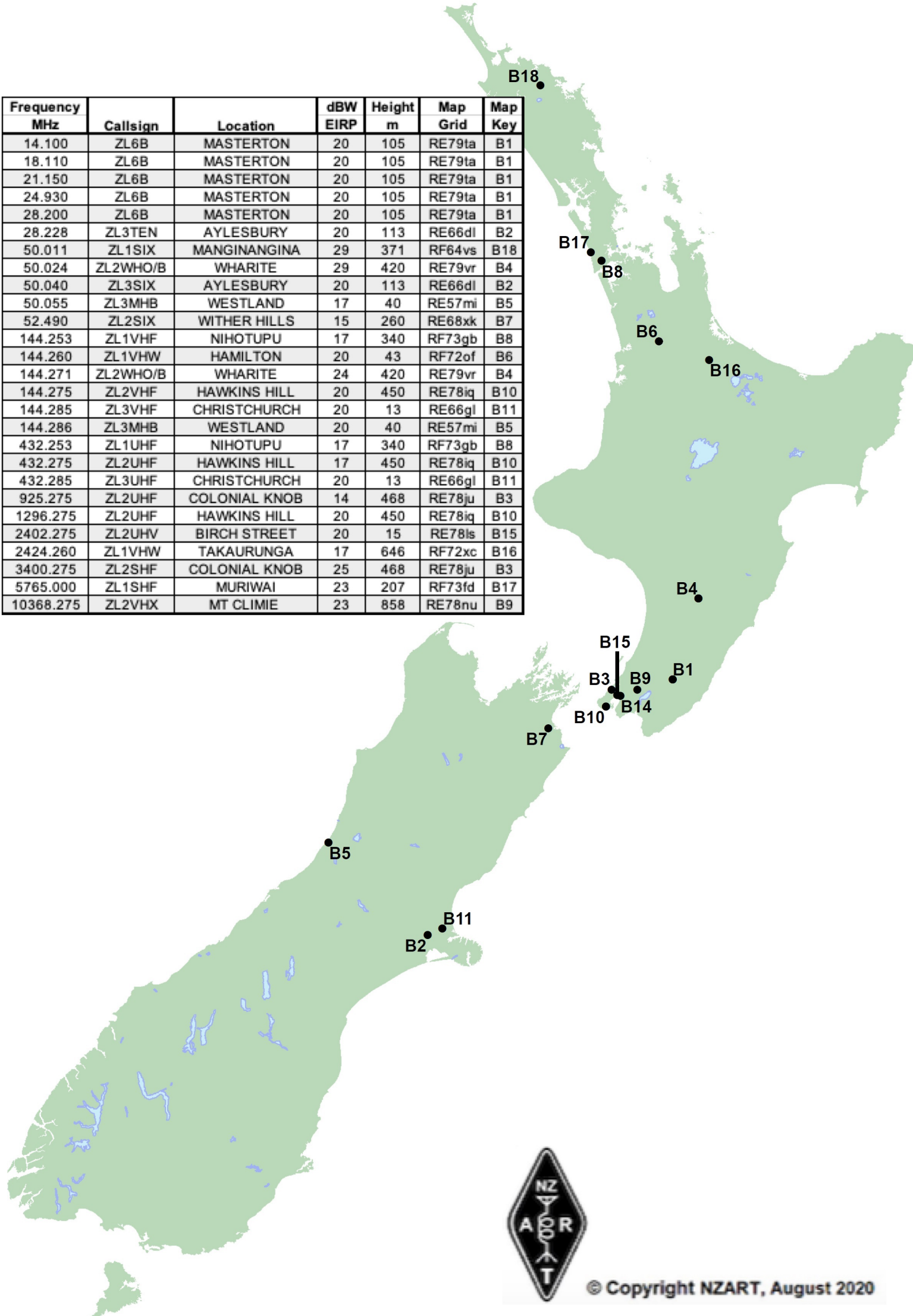
New Zealand Amateur Radio DMR Repeaters

NOTE 1. **The naming system** is explained on the map **NZ South Island AR UHF Repeaters**
2. Repeater **Offsets** are explained on the map **Wellington & Wairarapa AR UHF & VHF Repeaters**



© Copyright NZART, August 2020

Frequency MHz	Callsign	Location	dBW EIRP	Height m	Map Grid	Map Key
14.100	ZL6B	MASTERTON	20	105	RE79ta	B1
18.110	ZL6B	MASTERTON	20	105	RE79ta	B1
21.150	ZL6B	MASTERTON	20	105	RE79ta	B1
24.930	ZL6B	MASTERTON	20	105	RE79ta	B1
28.200	ZL6B	MASTERTON	20	105	RE79ta	B1
28.228	ZL3TEN	AYLESBURY	20	113	RE66dl	B2
50.011	ZL1SIX	MANGINANGINA	29	371	RF64vs	B18
50.024	ZL2WHO/B	WHARITE	29	420	RE79vr	B4
50.040	ZL3SIX	AYLESBURY	20	113	RE66dl	B2
50.055	ZL3MHB	WESTLAND	17	40	RE57mi	B5
52.490	ZL2SIX	WITHER HILLS	15	260	RE68xk	B7
144.253	ZL1VHF	NIHOTUPU	17	340	RF73gb	B8
144.260	ZL1VHW	HAMILTON	20	43	RF72of	B6
144.271	ZL2WHO/B	WHARITE	24	420	RE79vr	B4
144.275	ZL2VHF	HAWKINS HILL	20	450	RE78iq	B10
144.285	ZL3VHF	CHRISTCHURCH	20	13	RE66gl	B11
144.286	ZL3MHB	WESTLAND	20	40	RE57mi	B5
432.253	ZL1UHF	NIHOTUPU	17	340	RF73gb	B8
432.275	ZL2UHF	HAWKINS HILL	17	450	RE78iq	B10
432.285	ZL3UHF	CHRISTCHURCH	20	13	RE66gl	B11
925.275	ZL2UHF	COLONIAL KNOB	14	468	RE78ju	B3
1296.275	ZL2UHF	HAWKINS HILL	20	450	RE78iq	B10
2402.275	ZL2UHV	BIRCH STREET	20	15	RE78ls	B15
2424.260	ZL1VHW	TAKAURUNGA	17	646	RF72xc	B16
3400.275	ZL2SHF	COLONIAL KNOB	25	468	RE78ju	B3
5765.000	ZL1SHF	MURIWAI	23	207	RF73fd	B17
10368.275	ZL2VHX	MT CLIMIE	23	858	RE78nu	B9



© Copyright NZART, August 2020