

Marlborough Repeaters

- VHF, UHF, STSP
- IRLP, Beacon

UHF 845

- Location: Tuamarina
- Transmit: 438.450 MHz
- Receive: 433.450 MHz
- Link: Not linked
- CTCSS: Not required. CTCSS 100 Hz on transmitter. Follows receive input.

VHF Blenheim 695

- Location: The Ned
- Transmit: 146.950 MHz
- Receive: 146.350 MHz
- Link: Linked to Picton, Ward, Golden Bay
- CTCSS: Not required. CTCSS 100 Hz on transmitter. Follows receive input.



View to the North from Blenheim VHF 695



VHF Picton 7225

- Location: Mt Freeth
- Transmit: 147.225 MHz
- Receive: 147.825 MHz
- Link: Linked to Blenheim
- CTCSS: Not required. CTCSS 100 Hz on transmitter. Follows receive input.

Picton VHF 7225



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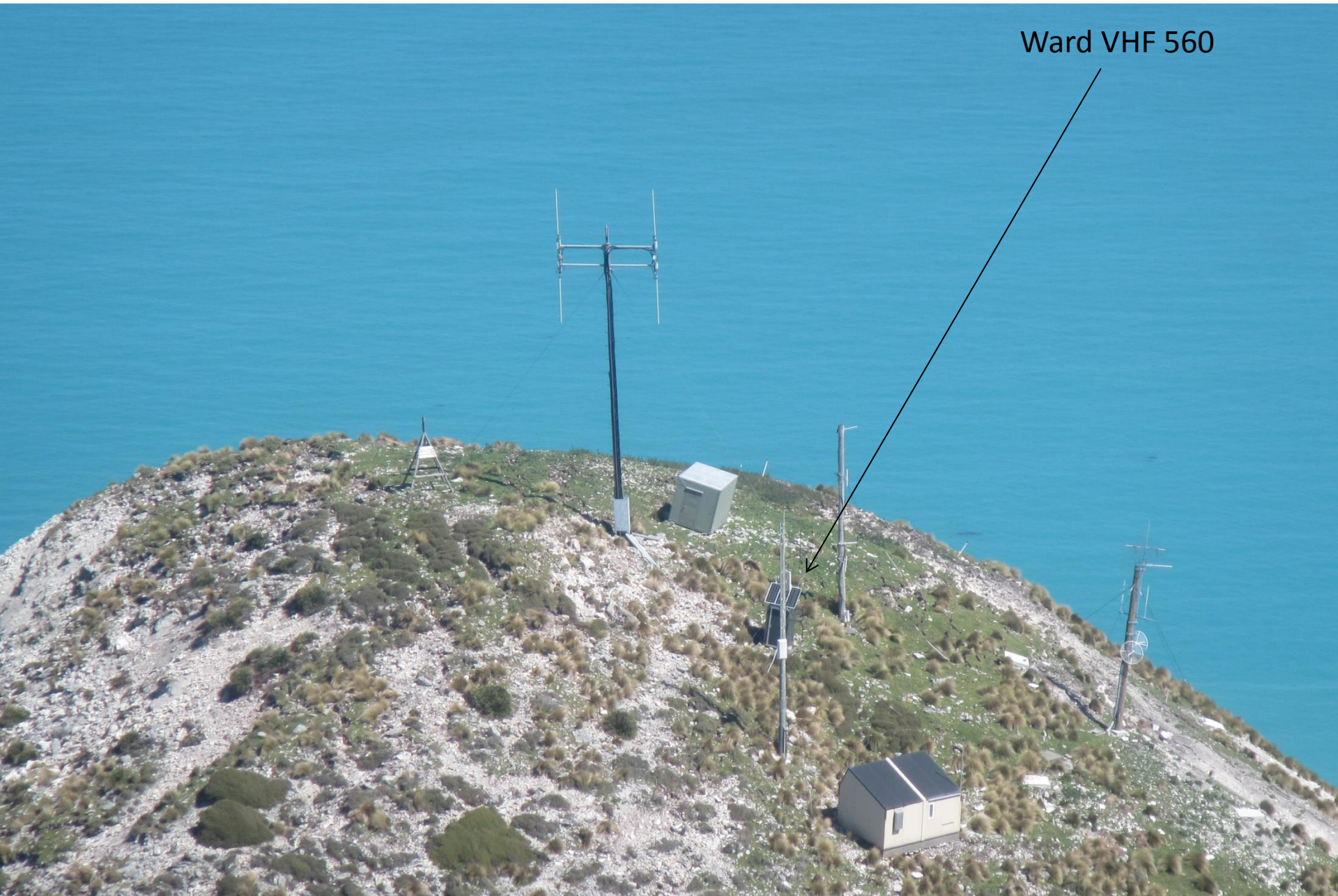
VHF Ward 560

- Location: Weld Cone
- Transmit: 145.600 MHz
- Receive: 145.000 MHz
- Link: Linked to Blenheim
- CTCSS: Not required. CTCSS 100 Hz on transmitter. Follows receive input.



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Ward VHF 560



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VHF Kaikoura 690

- Location: Mt Freeth
- Transmit: 146.900 MHz
- Receive: 146.300 MHz
- Link: Not linked yet. To Ward eventually.
- CTCSS: Not required. CTCSS 100 Hz on transmitter. Follows receive input.



VHF STSP

- Location: Anywhere
- Transmit: 146.725 MHz
- Receive: 146.125 MHz
- Link: Not linked
- CTCSS: Not required. CTCSS 100 Hz on transmitter. Follows receive input.

VHF Jamies Knob APRS

- Location: Jamies Knob (Vernon Lagoons)
- Transmit: 144.575 MHz
- Receive: 144.575 MHz
- Link: Not linked
- CTCSS: Not required

VHF Wither Hills 6 Metre Beacon

- Location: Wither Hills near Spark Cell Site
- Transmit: 52.490 MHz
- Receive: NIL
- Power: 1 Watt
- Antenna: Vertical Dipole

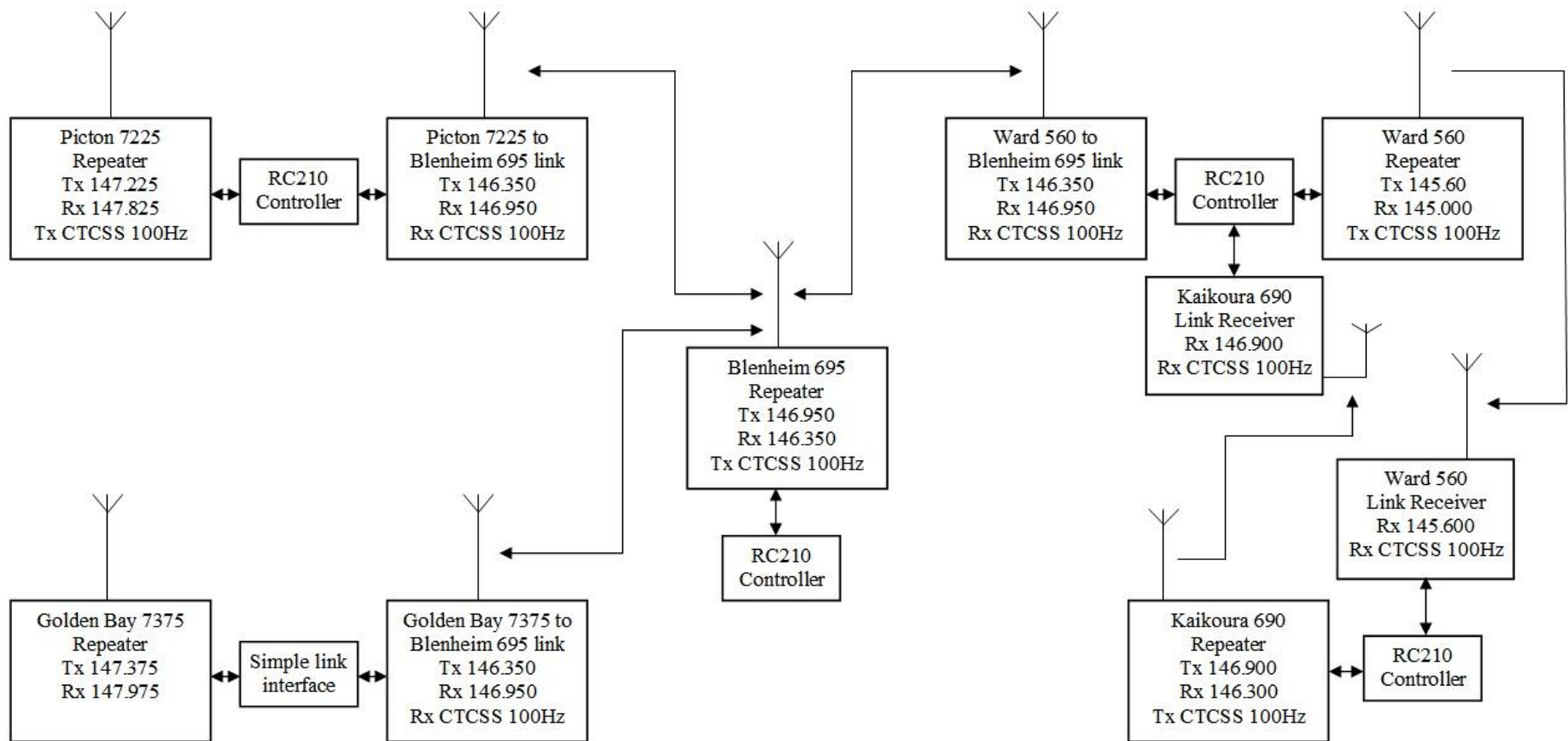
VHF IRLP through BM 695

- Location: Faulkland Drive
- IRLP ID: 6285
- Transmit: 146.350 MHz
- Receive: 146.950 MHz
- Link: Use through 695 repeater
- CTCSS: 100 Hz required. CTCSS 100 Hz.
CTCSS generated by repeater.
Users must not have CTCSS on their transmitters.

UHF IRLP through BM 845

- Location: Endeavour Street
- IRLP ID: 6081
- Transmit: 438.450 MHz
- Receive: 433.850 MHz
- Link: Use through 845 repeater
- CTCSS: 100 Hz required. CTCSS 100 Hz.
CTCSS generated by repeater.
Users must not have CTCSS on
their transmitters.

Marlborough Linked VHF Repeaters



Where RC210 controllers are used, a short 50mS tone is inserted to indicate the origin of the link signal. Different pitch for each site.

The controller is used for various control functions and alarms using DTMF tones.

The first digit of each command is 1 (Picton), 2 (Blenheim), 3 (Ward), 4 (Kaikoura)

- 06 Alarm messages OFF
- 07 Low power
- 08 High power
- 09 Auto power
- 41 Link ON
- 42 Link OFF
- 48 Battery Voltage
- 53 30 seconds silence
- 58 Temperature

Alarms generate a voice announcement, repeated every few minutes. This announcement can be turned OFF but automatically resets once the alarm clears. Door alarm is generated when the door is opened for example.