

Presented by:

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to AGM at Matamata on 24 March 2013

The beginning....

Enthusiasts having an interest in VHF & UHF met at Cambridge on 16 June 1963

Foundation members of this new association named the Waikato VHF Group were:

Eddie Amon ZL1ACL, Ron Buckley ZL1AFC, Peter De Renzy ZL1AFE, Tony Boyce ZL1AFV, Brian Smith ZL1CJ, Malcolm Prior ZL1DW, Des Hamblyn ZL1HP, Derek Cleland ZL1IY, Jack Rentoul ZL1RG, Ian Brown ZL1TAT

The beginning....

Our first annual sub: two shillings and six pence

- Foundation members resolved to meet again in three months at the residence of ZL1AFC
- A weekly net was commenced on 2-metres, initially on Sunday mornings (changed to Sunday evening in 1965)



Early Projects

Following a 1964 decision to establish a 2-metre beacon, fund raising included:

VSWR Bridge

Approximately 30 of these were sold



Other projects included: FM receiving adaptor, RF pre-amps, Receiver & transmitter kit PCBs, Crystal boards, Morse practice kit, Packet modem, Sound Card, Elektor magazine (NZ agent for 7 years).

Commissioned April 1972











Beacons

operating in Hamilton since January 1979



Beacons

operating in Hamilton since January 1979



70cm stacked Clover Leaves

2m single Clover Leaf

23cm stacked Clover Leaves

PEATER

This was New Zealand's second amateur radio 2m repeater on air, and first 100% solid-state repeater (no relays used for switching)









In 1973 we offered a REPEATER as a KITSET



First Repeater at TE AROHA - 7 April 1973



First Repeater at TE AROHA - 7 April 1973



First Repeater at Te Aroha - 7 April 1973



Te Aroha



'695 4x Dipole Array adjacent to S/E leg



'8404x Dipole Arrayin front of S/W leg







Historical Milestones

- 1967 Group news broadcast commenced
- 1971 Our first 2m repeater "Ch.B" on the air
- 1972 April 145.15MHz beacon on the air
- 1973 Easter VHF Convention in Hamilton
- 1975 Quarterly newsletter from November,
 "Ch.C" established at Mt Edgecumbe
- 1978 We became an Incorporated Society
- 1979 Our first lady President appointed, and distribution of Elector magazine commenced

Historical Milestones 1981 – Subs increased from \$2.50 to \$5.00 1983 – 2m repeater established at Tairua 1985 – Easter VHF Convention again in Hamilton 1986 – We became NZART Branch 81 1987 – Te Aroha linked on trial to Tairua 1991 – National System ULS repeater at Kaimai 1995 – '540 data repeater installed at Kaimai, plus 2GHz Beacon established at Te Uku 1998 – "Raglan" '5675 repeater established

Historical Milestones

2003 – Technology Convention at Hamilton, National System repeater installed at Hamilton 2005 – IRLP installed on Te Aroha '695 2009 – New tower & antennas installed at Kaimai, 2GHz beacon installed at Kaimai in February 2010 – '5675 repeater moved to Te Uku site 2011 – May - Te Aroha repeaters shut down, and '695 commissioned at Te Weraiti 2012 – November – Maungakawa '5575 on air

Some more historical photos Mt.Edgecumbe 'Ch.E' 1975

Repeater in rack with commercial installation at Mt.Edgecumbe

Mt.Edgecumbe 'Ch.E' 1975



Tairua '6975 in 2002



Raglan '5675 installed January 1998



Kaimai '540 & '485

(site as established in 1991)



And a couple of our present installations Kaimai '540 & '485



Kaimai '540 & '485



Kaimai '540 & '485



Hamilton '9975



Hamilton '9975



Prior to NS frequency changes in 2005

Waikato VHF Group achievements

Since its formation in 1963:

- n This Group has operated continuously for 50 years
- n We established NZ's second 2m repeater
- n Assisted in establishing many other repeaters
- n Jointly hosted three VHF Conventions in Hamilton

Beacons and repeaters:

- n Operate four long established beacons
- n Presently operate five 2m, & two 70cm repeaters
- n plus eight links-ends connecting these repeaters together, six to create our "WaiPlenty network"

Waikato VHF Group achievements

And now, into the next 50 years



Thank you for viewing

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