



Hastings Br
13
Club Calls
ZL2AS
ZL2QS

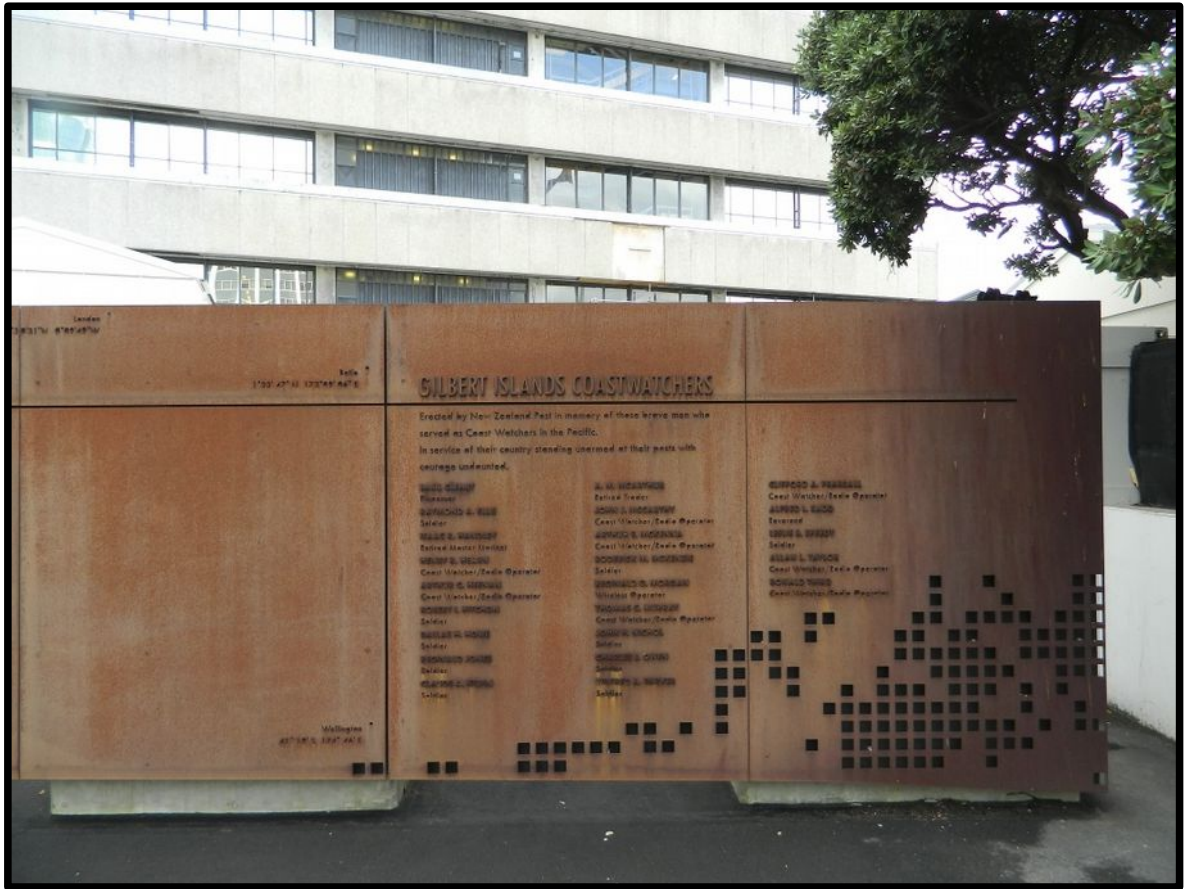
Napier Br 25
Club Calls
ZL2GT
ZL2G

IRLP
Node
6793
147.250

**Branch
Nets**
9.00 AM
Sunday
Morning
3615 Hz
439.175mhz

ECI
Emergency
Call In Net
19.30 Third
Wednesday of
the Month

Editor
John Newson
ZL2VAF



A monument to largely forgotten New Zealand Coastwatchers caught up in the second World War – see more inside

**Emergency Call In Net at 19.30
146.70 and 3615 KHz LSB
on the third Wednesday of the month**

<http://www.zl2gt.com/blog/>

<http://groups.yahoo.com/group/zl2as/>



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Club Nights: Fourth Wednesday each month at 7.30 pm Pakowhai Hall, Pakowhai Road, Pakowhai

From EL PRESIDENTEE

It's funny how the telephone works.....or not. No calls all morning but soon after I start a contact with Mike N7TLL the phone goes nuts.

However we did talk long enough for him to tell me that he has been hosting some Kiwis recently and that he has spent some time recently in Alaska and that he is not coming to NZ this (NZ) Summer, instead he is going to spend some time looking around USA.

The Club has just bought me a new "Corporate Car".....well actually I (along with xyl Sue) bought it but I'm sure sometime it will get used for Corporate/Club business hi hi.....very nice it is too, especially the cruise control.

My ranch has had a 150% lambing rate...not bad for a little guy.....but that's over for another year, now to fatten them for the freezer later on.

My thanks to Rob ZL2SG for putting the QSY sign up on the Taupo Road (H/way 5) and ditto Peter ZL2HM for his installation at CHB (on H/way 2).....two more to go, one on south H/way 50 and one up on the southern portion of the Napier Wairoa road.....any good ideas for permitted locations anyone and any volunteers ?.

I notice that the days are staying lighter longer and maybe the snow/rubbish weather is behind us so roll on Spring.

The next Branch 13/HBARC meeting is at Pakowhai Hall, 7-30pm, 26 August, all welcome.

73 Rob Leicester ZL2US
President
Branch 13/HBARC
Hastings

NAPIER BRANCH 25

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Committee Meetings: 7:00 pm, 3rd Tuesday of January, March, May, July, September, November

Club Calls: **ZL2GT, ZL2G**

Club Web Site: www.zl2gt.com/blog

Club Nights: First Wednesday each month (except January) 7.30pm at the Club Rooms: 123 Latham Street Napier

Napier Amateur Radio Club News.....

Hi all, not much to report this month, I have had a bit of time in the shack on the few fine days we have had, to progress one or two projects, namely the replacement UHF repeater for Mt Erin, hopefully to be installed over the coming summer months. While we are on the subject of repeaters, take a look at the photo below, taken at the 725 repeater site a couple of days ago. The vertical section of mast carrying the 434.05 colinear antenna has sheared in two, due to the weight of accumulated ice and wind induced vibration. It just demonstrates the severe weather conditions which prevail at high altitude repeater sites like Taraponui. The site may be in so-called sunny Hawkes Bay, but at that altitude (1300 metres) for 9 or 10 months of the year the weather is more like Antarctica than Hawkes Bay.

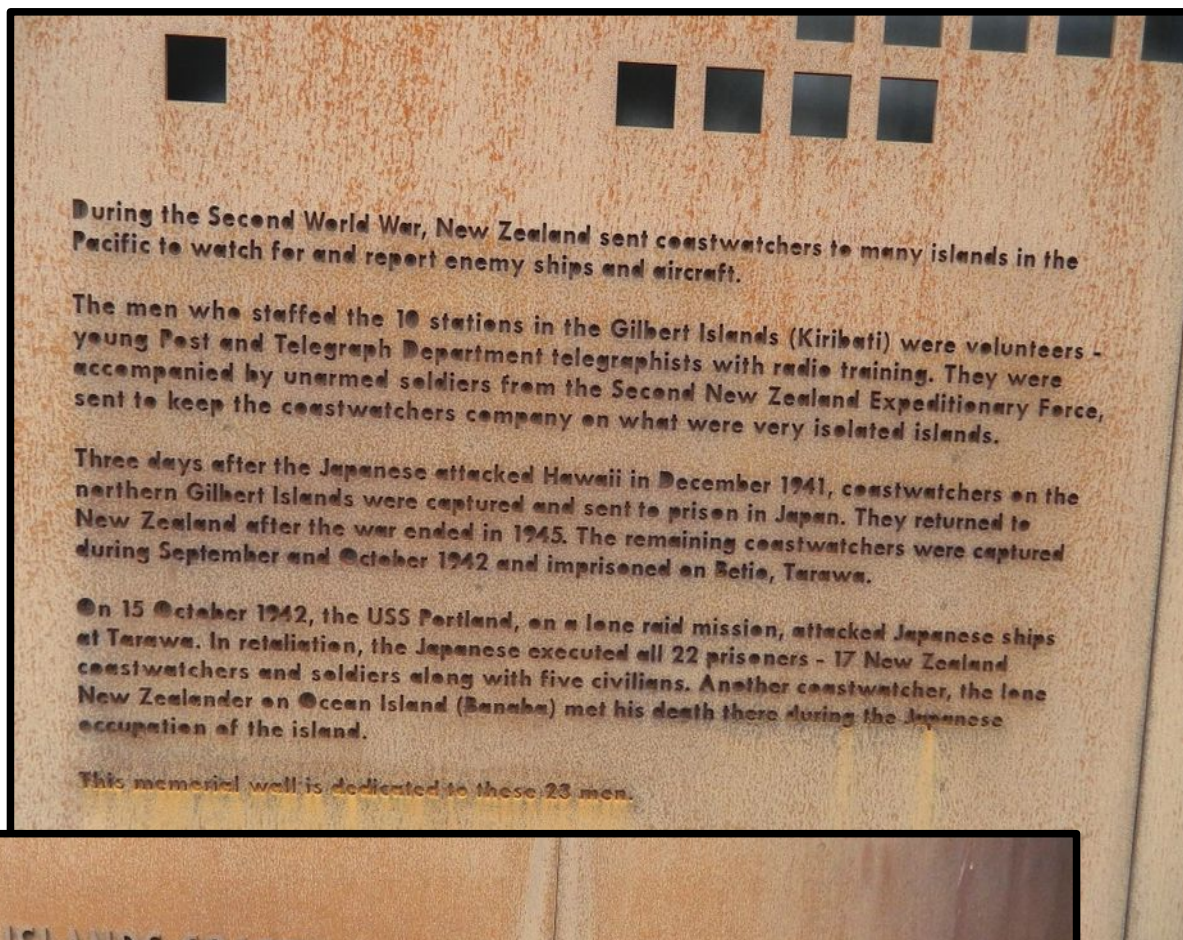
The next Napier ARC meeting is on Wednesday, 2nd September, guest speaker will be Peter Mulhare, ZL2IK. Peter was based in Napier as the local Police radio technician in the early 1980's, and was one of the amateurs involved in construction and installation of the original 725 repeater at Mt. Taraponui, along with me (ZL2TC) and David ZL2DW. Peter also spent a year on Nuie Island as sole technician and fixer of everything. Peter has a wealth of experience in both professional radio communications and amateur radio, so it should be an interesting presentation. (Further info elsewhere in this issue).

That's about all for this month, just a reminder about checking in to the Hawkes Bay Emergency Net on 146.70 and 3615 KHz LSB, 3rd Wednesday of each month, 7:30 pm.

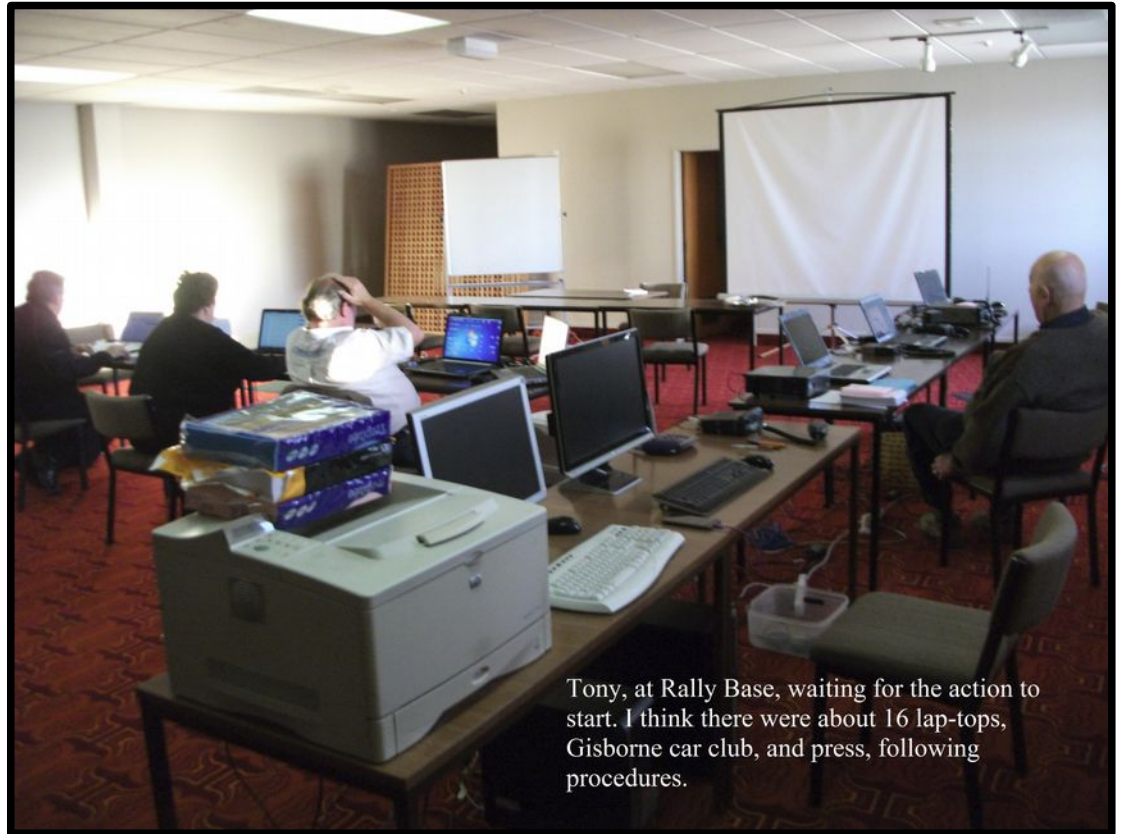
ZL2TC

The Coastwatchers

In Wellington there exists a large memorial sign, near the old Post Office building. It relates the names and story of the "Coast Watchers" from WW2. It's nice to know that some recognition is still being made. Thanks to Ian ZL2AM for the pictures.



Rally Gisborne 2015 HQ



Rally of Hawke's Bay operators required

Operators required for the Rally of Hawke's Bay which is to be held on the 14th of November, 2015. Those interested please contact ZL2VAF c/o zl2vaf@gmail.com or 027 230 3642

HF ON A POSTAGE STAMP

After 28 years at our family home the time came to "right size" and my xyl and I moved into a two bedroom flat..... with less land around the building. As it happens the land measurement is just the right size to accommodate a horizontal 80m square loop so soon after moving in I put up four 6m pipes complete with halyards. Soon after this I put up the square loop of wire (enamel covered copper) and began the process of finding the right feed arrangement to suit multi band use. Books are fine (giving various options) but the offered solutions, when applied to my circumstances, didn't give good matching results and in the end I found the best answer for my circumstances to be a quarter wave length (at 80m) of 75 ohm coax cable connected to the corner feed point of the loop (no balun required) with the other end connected to the necessary length of 50 ohm coax running into the shack directly to the transceiver (with internal ATU).

I found that this arrangement gave me matched operation on all bands right up to 54mhz.

I chose this antenna because it gave the greatest wire length (capture length) and broad band capability. Sadly it's not high enough and two legs of it are only about 3m above the house/shed roof. Having said that and given the circumstances I'm happy with it's performance and have had modest success with world wide contacts and rag chews on many HF bands and even ZL coverage on 160m. I must concede at this point that I'm blessed with very little noise from around the city neighbourhood... the standing noise on 80m being about S 2 -3..... and obviously no Plasma TV's nearby. This arrangement is by no means ideal but it may give you an idea of the tribulations faced with living on a Postage Stamp..... we do what we can..... at least I'm up and active on HF.

(I only run 100w of transmitter power, having no great attraction towards more).

I also have a Skeleton Slot antenna for 2m on a 9m tilt over pipe, with an omni collinear for 70cm above that.

David ZL2DW

*Street view of the four
HF loop poles and
other antennae at my
home/Postage Stamp*



WORKSHOP INGENUITY.

A friend (Chris ZL2CU) from Wellington sent me these pix of a Spectrum Analyzer repair project he is undertaking in his workshop. What took my eye though was (due to the weight) the use of a "Lazy Susan" (turntable) to turn the chassis he was working on. He said that he was considering a way to tumble the chassis also. Well done Chris.
David ZL2DW



Wanted

I'm looking for a valve for an old radio that I'm working on. The valve number is 6u5/6g6. If anyone has one I would like to take it off their hands. contact Blue ZL3TT.

Peter Mulhare ZL2iK

Talk at Napier NZART Branch Wednesday 2 September 2015

QRSS Reception and Microwatting Techniques: Reception and Transmission of weak signals in the HF Range.

1. What's it all about? The MEPT. How far can I be heard?
2. Receiving techniques. Getting the best out of your receiver.
3. Antennas.
4. The Grabber or Snapper: Graphical methods and software used to record weak signals, and showing them on the internet.
5. Stacking.
6. Transmitting, less is better!
7. How it's done.
8. Available Kits: Where to look to purchase.
9. Rolling your own.
10. Instrumentation.
 - a. Standards - Frequency
 - i. The GPSDO
 - b. Standards - Time
 - i. Accurate Time.
11. Propagation: Myths, Fallacies and Facts
12. Questions.



GUEST SPEAKER

(at Branch 13 meeting 26 Aug. 2015, 7-30pm)

Holger ZL3IO

The topic would be HFTA, high frequency terrain assessment as a design tool to improve station performance.

Planning a succesful HF station needs 3 components:

- Knowledge of the relevant range of take off angles to get your signal to the desired area.
- Knowledge of your antenna performance (modeling) and
- Knowledge of the impact that your surrounding terrain has.

This will allow you to place your antenna at the most suitable location & height.



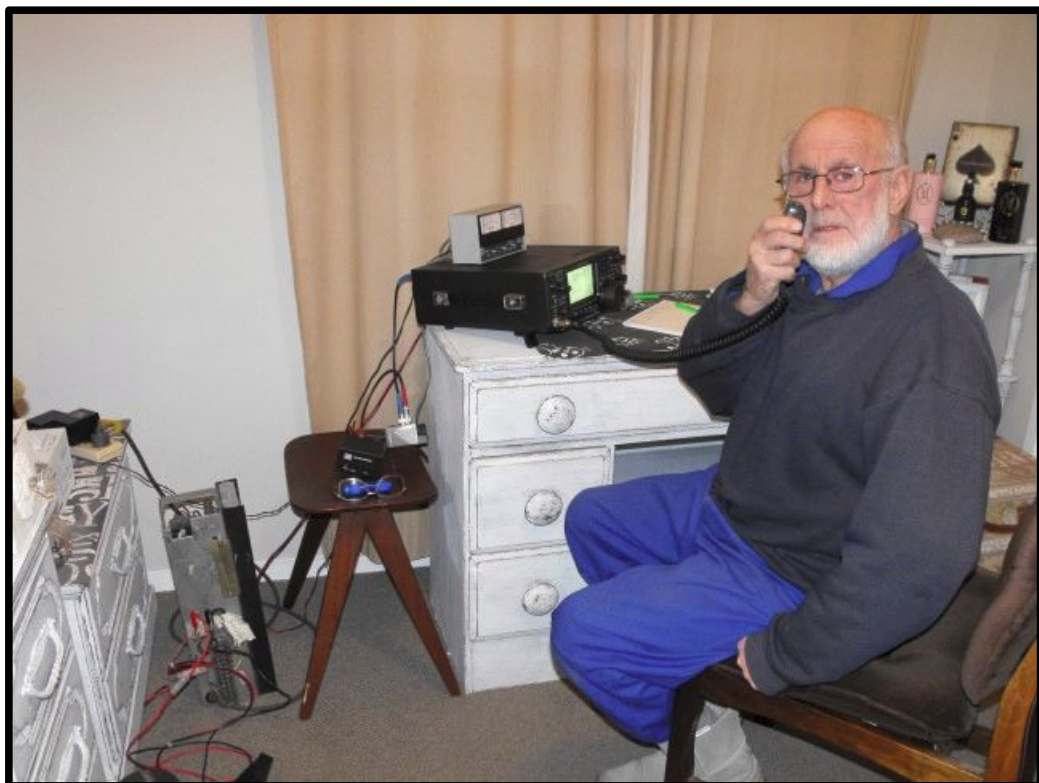
FOR CLUB FUNDS

some gear has been donated to Branch 13, it will be made available for offers at our Club night on Wednesday 26 August.
See David (ZL2DW).

Weather enforced change of polarisation



If you're wondering why 725 and 405 at Taraponui are not going well.....here is your answer. Snow/ice/wind damage in August



David ZL2DW working 160m in the ZL - VK 18 July event