

THE OTAGO BRANCH OF THE NEW ZEALAND ASSOCIATION OF RADIO TRANSMITTERS INC.

AUTUMN EDITION - 2009

Visitors Always Welcome - Club Nights Wednesdays 7.30pm
109 Macandrew Road, South Dunedin / PO Box 5485 Dunedin

FROM THE EDITOR:

I hope you enjoy my second issue as editor. If anyone has anything they would like me to put into the next issue, please drop me an email alan@navcom.co.nz

73

Alan - ZL4FM

BRANCH 30 - HONORARY LIFE MEMBERS:

H.G Hedge (ZL4FD), P.W Johnson (ZL4LV), A.J.H Gilchrist (ZL4PZ), D.W Carr,
A. Watson (ZL4WAH), D.K Watson (ZL4GR), W.D Bailey (ZL4RW), D.J Stevenson (ZL4SB)

BRANCH 30 – COMMITTEE:

- (Pres) Arthur Curline (ZL4TIK) 488-4032 / 027-488-2802 zl4tik@kinect.co.nz
- (V/Pres) Alan Wilden (ZL4FM) 453-4420 / 021-145-2682 / alan@navcom.co.nz
- (Sec) Ross Chapman (ZL4RC) 487-6825 / 027-481-6260 / zl4rc@slingshot.co.nz
- (Treasurer) Bob Smith (ZL4OC) 477-0969 / bob_smith@clear.net.nz
- Ken McVie (ZL4NR) 476-3464 / 027-381-8763 / kenmc@xtra.co.nz
- Mike Beattie (ZL4DM) 476-6120
- Brady (ZL4PDX)
- Maurice Howell (ZL4MH) effsec@paradise.net.nz

BRANCH 30 - OFFICERS OF THE CLUB:

• AREC Section Leader	Lindsey Ross	ZL4KS	488-2191
• Contact Officer	Ross Chapman	ZL4RC	487-6825
• Awards Manager	Mark Lambert	ZL4US	489-1900
• Contest Manager	Ken McVie	ZL4NR	476-3464
• EMC Officer	Peter Johnson	ZL4LV	489-5884
• Club Librarian	Anne Watson	ZL4WAH	467-5620
• Branch Newsletter	Alan Wilden	ZL4FM	453-4420
• QSL Manager (ZL4)	Dave Adams	ZL4OZ	453-3274
• Repeater Trustees	Martin Balch	ZL4JH	454-3262
	Don Watson	ZL4GR	467-5620
• ZL4AA Webmaster	Paul Hayton	ZL4PH	456-4246
• BBS Sysop	Mike Beattie	ZL4DM	476-6120

FAST FACTS:

- Annual Subscription: Full \$25.00 / Family \$30.00 / Junior-Associate \$11.00
- Meetings each Wednesday evening at 7.30pm (except holiday period)
- Postal Address: **ZL4AA, Otago Branch 30, New Zealand Association of Radio Transmitters, P O Box 5485, Moray Place, Dunedin.**
- Branch 30 - WWW Site <http://www.zl4aa.org.nz>
- Branch 30 - Packet BBS / DUD Digipeater (144.650 MHz)
- Branch 30 - 2 Meter Club Net 7.30pm every Sunday (146.900 MHz) repeater
- Branch 30 - 80 Meter Club Net around 8pm every Sunday (3.613MHz)
- National Repeater System Local Node (439.925 MHz)
- Mosgiel Link to 146.900 (438.200 MHz simplex)
- Queenstown Link to 146.850 (431.000 MHz simplex)
- Dunedin 915 Repeater (439.150 MHz)
- Dunedin 665 Repeater (146.650 MHz)

SUNDAY NIGHT (690) NET CONTROLLERS – WHO'S ON & WHEN?

APRIL		MAY		JUNE	
5	ZL4SB	3	ZL4LDS	7	ZL4TIK
12	ZL4WAH	10	ZL4US	14	ZL4RC
19	ZL4TIK	17	ZL4PH	21	ZL4LDS
26	ZL4RC	24	ZL4SB	28	ZL4US
		31	ZL4WAH		

The Branch 30 weekly net runs most Sunday evenings of the year from 7.30pm for approximately 30 minutes. Logins are a mixture of local, out of town and Echolink operators who want to take part. Balclutha 675 is being linked to 690 using a crossbander and is receive only. Monthly the NZART national broadcast is linked in to the 690 repeater from 2000 hrs at the end of weekly net.

If you are scheduled as a net controller and are unable to host the net on your allocated night please arrange cover prior to your allotted net.

PROJECTED ACTIVITIES – AUTUNM 2009:

We do not have a program for the next quarter, so all meetings are activity nights unless stated otherwise on the Sunday night net before the Wednesday meeting.

📍 Visit www.zl4aa.org.nz for an updated list of events at any time.

PRESIDENTS REPORT; AUTUMN 2009;

It is getting into the cooler months and it is time to look at the projects that you started and to line them up on the bench to finish.

There has been good interest in the trading tables this year, fossicking around in the boxes looking for components to finishing off your projects.

The activities this quarter have been interesting from Chris ZL4CT on contesting in the U.K.. Looking at PCU up at Peter's ZL4LV and Dave ZL4DK on moon bounce. It's good to see a good spectrum of speakers and we will try and continue this.

The Flat has now had a heat pump installed and we are looking at replacing the rotten windows, and when the weather improves we will be spraying the roof on both the flat and clubrooms.

It is good to see Terry ZL4CEL who has passed his exam. If there are people interested in either sitting or studying for there examination please let the committee know so we can help.

This is my third year of being president and at the next elections I am standing down. I have really enjoyed my time as president and I have to thank the committee and officers for all the work they have done.

Arthur Curline-ZL4TIK

PRESIDENT BR 30 NZART 2009

Old Timers Afternoon

We held our Old Timers afternoon on Saturday March the 7th at the clubrooms.

There was a great turnout from people of all ages, and I really enjoyed having a chat with some of the older members, some who I have never meet before. These afternoons are a great opportunity for some members who can not make it to the Wednesday night meetings to catch up with each other and have a good old natter.

Once again, Anne ZL4WAH put on a superb afternoon tea for everyone. Thanks Anne.

I would urge anyone who has never been to an old timers get together to come along to the next one.

You definitely do not have to be an old timer.



Alan ZL4FM

Wanted Yeasu FT-709R Manual

Don ZL4GR Writes:

The Yeasu FT-709R handheld, donated to the Branch by the late Vern Haig, is at present out on loan. Although there was some documentation in the box with it, I could not find the owners manual. Can anyone help with a loan of a manual for this radio?

On Offer

also from Don ZL4GR.

A large range of equipment has recently become available. Some items of greater interest are scheduled in this news letter for wider publicity than the viewing on meeting nights.

Transmitting/Receiving

1. Yaesu FT DX100 Transceiver
Multi mode H.F 80M through 10M, 220V AC or 12V DC operation
Includes Instruction Book.
2. Hallicrafters Model H.T-44 Transmitter.
Bands 3.5, 7, 14, 28, 28.5, 29, 29.5MHz
No Manual
3. Kenwood SP-520,
Auxiliary Kenwood Speaker for the popular TS520/530 series.

Test Equipment

4. Advance type B4A5 Signal Generator
200KC/S to 80M C/S
Includes Manual
5. Hewlett Packard 606A Signal Generator
5 KC to 65MC in 6 Bands
Includes 45 Page Manual
6. Hatfield Selective Level Meter Type 1001
Range 30Hz to 30KHz
Includes Manual
7. Leader Signal Generator Model L.G.S-11
120KHz to 130 MHz in 6 ranges
8. Leader Signal Generator Model L.G.S-10
Range 120KHz to 260MHz in 6 Ranges
9. Marconi Data Line Analyser Model T.F 2809 with operating instructions
10. Function Generator
2Hz to 20KHz in 4 Ranges and 3 Waveforms

11. Hewlett Packard 3400A R.M.S Voltmeter
R.M.S Responding 1mW. 600 ohms
0.3V or -10db to 300V or +50dB in 12 Ranges
12. Oscilloscope David Reid Model GOS-935
Sweep Range 10Hz to 100KHz in 5 ranges
13. Frequency Counter Dick Smith
10MHz to 500 MHz in 3 Ranges
14. VHF-UHF Spectrum Analyser Kit Dick Smith
Assembled in case no lid)
Up converter Analyser K-7621 Kit unassembled for K-7620 Spectrum Analyser.
15. Heathkit Reflected Power and S.W.R Bridge Mode A.M-2
16. S.W.R Meter Home Built (ZL4CF)
17. Hatfield Capacitor Substitution Box
100pF to 820nF in 20 parallel steps.
Tolerance 5% Rating 350V D.C
18. Record Chart Recorder V.
Been Scaled 0 to 5A
19. T.M.K Multimeter. Model 500TU-B Taut-Band Suspension
20. Sangamo Weston. Clip-on multimeter
A.C Volts tom600min 3 ranges
A.C Amps to 300 in 6 Ranges
21. Antenna Selector Switch
6 Position. SO239 input and output connectors.
22. Masthead Amplifier and Power Supply unit Model Hiss MHUV2 and PSU2
23. Kenpro GaAs Fet 2M Pre Amplifier Model K.P – 145G

The offers for these items will have a closing date of the end of April.

Wanted

Kenwood TS50 HF All mode HF Transceiver.
Reply to G R Crimp ZL4THQ in New Plymouth
or Don ZL4GR.

Branch 35 Picnic

Yet another successful Picnic/BBQ at Hamish's place, Ashley Downs.

The weather this year was not as warm or dry as it has been in the past, but the welcome and the warmth from the host members of Branch 35 kept us all warm and happy. A goodly number of Branch 30 members made the trip south as did folk from Central Otago and Southland Branches. As the morning progressed into afternoon the weather cleared and we were able to cook our snags. Some used the more modern propane BBQ, I elected to use the old faithful wood fired coal range, smoke and all.



Our NZART councillor, John ZL4QS, made the trip also to give us an up date on things of a council nature. I must at this point apologise to John for going on a Wasp squashing rampage during his speech. But 6 years ago we had to leave early because I was stung and wee Daniel was sewing machined by one of them when it flew down his top.

We were asked by Ron ZL4TL if we wanted to have the picnic every two years. Everyone was unanimous that it should stay as it is, every year. I must admit that it is a highlight on my ham radio event calendar.

Those who have never been really do not have a clue what they are missing out on.

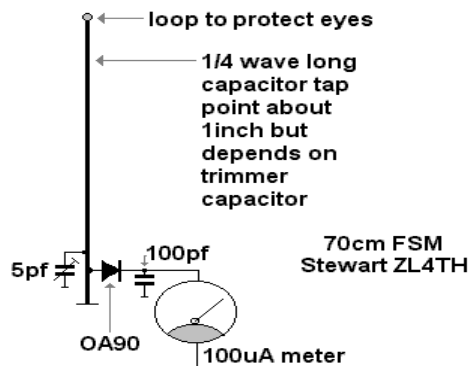
Thank you Branch 35 and see you next time.

73 de Alan

ZL4FM



Techies Corner



Editors Comment

If you have a simple circuit idea or anything for this section of the newsletter, please feel free to contact me.

Alan ZL4FM

Contest Group

High above the Taieri planes and Mosgiel is an aerial farm that those of us with an XYL can only dream of. Peter ZL4LV is host to the PCU or Portable Communications Unit which houses, in the main, the ZL4AA, ZL4A, ZM4A contest station.



On Saturday evening of March the 7th I went along to lend a hand with the ARRL contest. This was really my first visit to have a go at a serious contest. After getting use to the Yaesu FT1000, which has more lights and buttons on it than Sulu's navigation console on the Enterprise, I started having a lot of fun.

Chris ZL4CT was there teaching me the fundamental basics on how to win a contest by removing all unnecessary words and by keeping the QSO as short as possible. He said, "It wastes time to wish a station good luck in the contest". When really what you mean is "May your antenna fall down, your liner amp burst into flames and your rig explode." Most educational.



Armed with knowledge from the contesting master, I volunteered to run the station, ZM4A from 7pm to midnight on the 28th of March for the 2009 CQ World-Wide WPX Contest. When I arrived, Chris ZL4CT was in the middle of a pile up on 40m and I was a bit apprehensive about being there at all, at that stage.

After a while of listening it was my turn to operate and I was eventually left alone to run the station.

Mike ZL4OL arrived about 9pm and we took turns running the station in half hour blocks until I went home at about 1:15am. Mike stayed and operated until 7am when Chris ZL4CT arrived to give Mike a well deserved break.

Ken ZL4NR arrived soon after and I returned about 11am to see how things were going.

The total number of stations worked 1224 in the 48 hours that the contest ran. Well done to all the operators. Ken ZL4NR, Chris ZL4CT, Jim ZL4JAD, Mike ZL4OL, and Alan (Me) ZL4FM. Thank you also to Peter ZL4LV.

Alan ZL4FM



70 Year old ZC1 40m
Vertical used in the contest

If undelivered - please return to:



**ZL4AA, Otago Branch 30
New Zealand Association of Radio Transmitters
P O Box 5485, Moray Place, Dunedin**

Place
Stamp
Here