

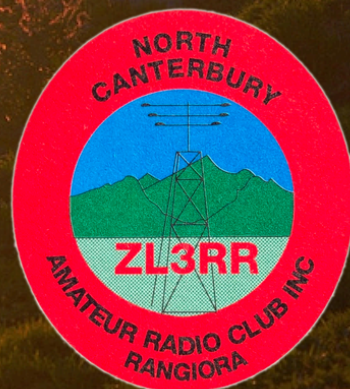
VOL. 9 SEPTEMBER 2024

RAGCHEW

Official Newsletter of the The North Canterbury
Amateur Radio Club Inc.

www.ncarcinc.weebly.com

Email: branch68radioclub@gmail.com



UPCOMING EVENTS



CLUB MEETING

Meetings are held at the Woodend Youth Centre unless otherwise advised.

Thursday, September 12th @ 1930hrs

Host: Don

Program for the Evening

Report from West fest and a "Show us what you've been working on"

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President's Report

Hello Members,



As we start heading towards the warmer months we can think ahead to more outdoors activities associated with our hobby.

SOTA, Parks and the new HEMA to name but a few. We have several very experienced member who will be only too happy to show you how these disciplines work and will even take you out on a trip or to. Let me know if you are interested and I'll put you in touch with one of them.

We had a great mid winter dinner at the Gardens Restaurant on Sunday 18th August, fine food and fine company.

Westfest will be coming up shortly and if you can't go we will have a comprehensive report at our next General meeting.

See you all on the 12th Sept.

73 Don ZL3DMC





From the Editor



This month we have new radios from Yaesu and Icom and a new linear from Icom. I have included some pics and as much info as I could get, both were launched on the 24th of August 2024.

I have been playing around with antennas and put my old SGC tuner up with a whip for a trial run, it tunes but I will probably put an old monobander up for 14Mhz again. The bands have been rather active and it is interesting hearing all the DX on 28Mhz again.

I have been looking for a lattice tower as I left both my towers in Africa and now I cannot seem to be able to find one, and getting one fabricated is ridiculously expensive, then add the concrete base, a rotator and an antenna and the \$\$\$\$ fly past your eyes. I have put an add in Ragchew and in Break In so if anyone knows of a tower that is available please let me know.

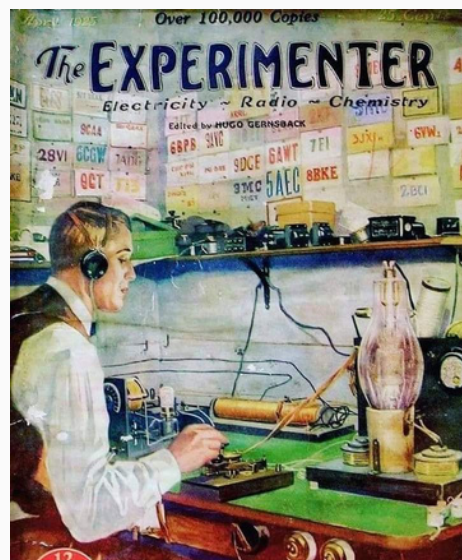
Another thought is why is VHF so quiet? I leave my dual bander on while I am editing videos and most nights (maybe 8pm is too late) a repeater seldom triggers. I have a friend in Oxford, ZL4WX and we chat a bit on simplex. I posted on one of the Facebook NZ Amateur Radio groups to see if there was anyone on 6m, then I tried 60m someone from Auckland made an effort but nothing heard. OK, I thought lets try 160m, nothing. I guess these are quirky frequencies or has digital taken over?

AI suggests that "The future of amateur radio is poised to be both vibrant and transformative, driven by ongoing technological advancements and evolving communication needs." I have my doubts. In contrast, it appears that most hams hate CB radio the world over. Why? I have become very involved in the earthquake preparedness community and there are at least 4 groups using PRS or 477Mhz for community communication call ins and community chatter and these bands are active.

Should we not try and stimulate interest in amateur radio and get the amateurs back on the bands?

Greg
ZL1GUD
0221 229 240
ZL1GUD@proton.me

THE ONES
WHO ARE
CRAZY ENOUGH
TO THINK THEY
CAN CHANGE
THE WORLD
ARE THE ONES
THAT DO



Introducing the new

FTX-1F

HF/50/144/430MHz All Mode
Field QRP Transceiver

Available in early 2025

YAESU

Radio for Professionals



The new FTX-1F is a portable transceiver utilizing SDR technology and provides 6W of power output with the 5670mAh Lithium-ion battery pack (Which enables 9-hours stand-alone operating time on the HF bands, SSB mode, and 8-hours operating time on the V/UHF bands, FM mode based on a 6-6-48 duty cycle). Up to 10W of power output is available when using an external DC power supply.

- FTX-1F – True All-Rounder
- HF/50/144/430MHz All Mode Field Transceiver
- Providing stand-alone 9-hours of operation

This information and the sample shown at HAM FAIR 2024 are only the preliminary introduction.

Detailed information will be announced at a later date.

A number of the fundamental and remarkable features of the new FTX-1F are:

- Operation in SSB, CW, AM, FM and C4FM digital modes
- SDR Technology and 3DSS (3-Dimensional Spectrum Stream) on a 4.3-inch high-resolution full-color touch display
- panel
- Two independent receiver circuits provide true simultaneous dual-band operation, whether in the same band or in
- different bands. For example: SSB communication on HF bands simultaneously with C4FM digital communication
- on V/UHF bands (*HF+V, HF+U, V+V, U+U, V+U, U+V)
- Two Loud speakers ensure clear and powerful audio output
- An optional Automatic Antenna Tuner can be attached to the rear of the transceiver with the 5670mAh high-capacity
- Li-ion battery pack. The optional Cooling-fan, which is necessary for comfortable FT8 operation, can also be
- combined with the antenna tuner. (All-in-one rear panel design)
- RF front-end and Low Noise Reference Oscillator, enable Phenomenal Multi-signal Receiving characteristics
- Effective QRM rejection afforded via High-speed 32-bit IF DSP (YAESU's renowned interference reduction
- systems: SHIFT / WIDTH / NOTCH / CONTRAOUR / APF / DNR / NB)
- Compatible with WiRES-X operation
- PMG (Primary Memory Group) function can register and monitor up to 5 frequently used frequencies
- MAG (Memory Auto Grouping) function enables Memory Channels to be categorized in each band that can be
- quickly recalled by band groups (HF/VHF/UHF/AIR/OTHERS)
- USB ports support CAT operation, audio input/output and TX control
- The new FTX-1F will be available early 2025. Please be ready for this forthcoming exciting new radio!

The Fairy Tale of 22 YL and their friends



Once upon a time, in the heart of Europe, nestled amidst the picturesque landscapes of the Czech Republic, a magical gathering took place. This gathering brought together 22 young ladies from 11 different countries: Switzerland, the Czech Republic, Japan, the USA, Germany, Luxembourg, Slovakia, England, Poland, Russia, and Turkey. These young women shared a unique passion for amateur radio, a hobby that allowed them to connect with people from all over the world.

They met at a charming location known as OK5Z, a place where the air buzzed with excitement and the possibilities of new friendships. Each young lady was filled with enthusiasm and determination, eager to make the most of their time together. With their transceivers and antennas at the ready, they logged an impressive 17,882 QSOs from 149 different countries, showcasing their dedication and skill.

Despite the demanding work, the young ladies found time to enjoy each other's company. They shared laughter, warmth, and support, creating bonds that would last a lifetime. They captured these precious moments through photographs and videos, preserving the memories of their unique adventure.

In the evenings, they were joined by a group of brave and kind-hearted Old Men or "OM" for short. These wise mentors were always ready to lend a hand, offering technical assistance and sharing their vast knowledge. One special night, the Old Men decided to surprise the young ladies. They prepared a delicious dinner and played lively music, filling the air with joy and celebration.

The gathering was made possible by the generous support of several organizations: IARU R1, USKA, Yasme Foundation, RL Radio amateurs du Luxembourg, OK5Z, OK2ZA, OK2ZI, and the Thiemann family. Their help and kindness turned this magical event into a reality.

As the days passed, the young ladies cherished every moment, grateful for the opportunity to learn, connect, and grow. Their hearts were filled with gratitude towards those who made this experience possible, and they knew they would carry the spirit of this gathering with them wherever they went.

And so, the story of these 22 young ladies and their unforgettable adventure in the Czech Republic became a cherished tale, a reminder of the power of HAM Radio friendship and the joy of sharing one's passion with the world.



The IC-7760, A New Innovative Shack Style Full Control Head with Separate RF Deck



Icom Inc. proudly announces the release of the IC-7760, 200 W HF/50 MHz amateur transceiver. Initial deliveries are planned for around November 2024. To commemorate Icom's 60th Anniversary, a special 60th Anniversary logo plate is included with the IC-7760 as a special offer for the first 200 units shipped international.

The IC-7760 offers a new “innovative Shack Style” consisting a full control head with separate RF deck, connected through a control cable for greater installation flexibility. The supplied control cable is 3 m, 9.8 ft long, and by using a commercially available LAN cable, the RF deck can be installed in a more remote location. Furthermore, the control head and RF deck can be connected through a wired home LAN connection for remote operation. This simple configuration does not require a PC, and can be easily operated from nearly anywhere in the home as long as a LAN connection is available.

Main and Sub dual displays with touch screen function are provided for improved visibility of information and smooth operation. The 7-inch main display centralizes information necessary for operation, such as Main/Sub frequencies and the setting/operating status of each function. The newly adopted 2.4-inch sub-display shows filter effects, various meters, and band stacking register keys.

DIGI-SEL (Digital Pre-selector) and the preamp can now be used together. DIGI-SEL prevents suppression of strong out-of-band signals, while the preamp improves receiver sensitivity. It also maximizes the dynamic range of the A/D converter to avoid signal overflow.

The IC-7760 offers a new Innovative Shack Style, combining 200 W of high output power with clean signal transmission assisted by the Digital Pre-Distortion feature, and convenient functions to support comfortable operation, making it ideal for contests and DX hunting.

- Full control head with separate RF deck for greater installation flexibility
- Supports in-house remote operation through a wired LAN*1
- Two displays, 7-inch wide and 2.4-inch, with touch screen operation
- DIGI-SEL and the preamp can work at the same time
- Advanced RF direct sampling system using FPGA processing
- 200 W full power and full duty *2
- DPD (Digital Pre-Distortion) for excellent IMD characteristics and clean transmitted signals

APPROX \$9,000 IN AUSTRALIA



**TO BE RELEASED SUMMER – AUTUMN 2024
1 KW OUTPUT AT FULL DUTY CYCLE
SINGLE OPERATOR TWO RADIOS (SO2R) WITH ONE IC-PW2**





General Meeting Minutes



The North Canterbury Amateur Radio Club
Held in the Clubrooms 8 August 2024 at 1930hrs.

PRESENT:

Geoff Gooch (Chairman) plus 14 members (incl 2 visitor) as per attendance book.

APOLOGIES:

Colin Row ZL3COL, ZL3DMC, ZL3EP, ZL2GD, ZL3HAM, ZL3LIS.

MINUTES OF PREVIOUS MEETING:

Held on 11/07/2024 as circulated to members, were taken as read and confirmed as a true and correct record. (ZL3ALF/ZL3GM).

MATTERS ARISING:

- Nil

CORRESPONDENCE:

- Nil

REPORTS:

TREASURER REPORT - State insurance paid, No accounts to be paid.

AREC/CDEM – CD open day 17/08

MEMBERS NEWS – Nil.

REPEATERS –

675 (Mt Grey) - All good.

6975 (Mt Noble) - All good,

GENERAL BUSINESS:

ZL3HI, 18/08 Med winter lunch at Gardens restaurant Shirley Sunday 12 noon. Club will contribute \$10 to Branch 68 club members who attend. Partners and other amateur club member's welcome

ZL3RJ Asked who voices the comments on Mt Noble repeater, ZL3QR said Peter Robbo's wife recoded them soon after repeater came on air probably about 1998 1999.

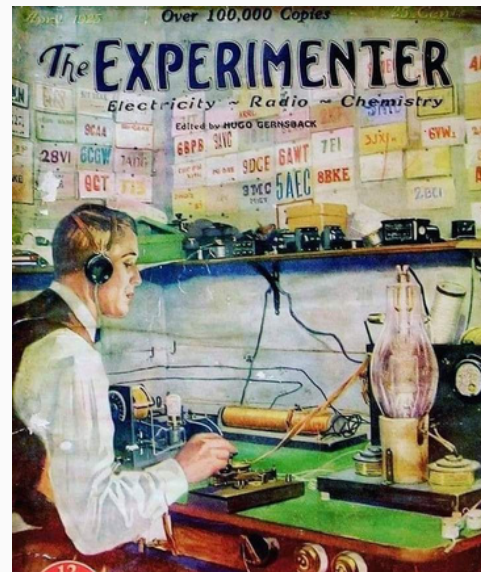
There being no further general business the meeting was closed at 1944 hrs

ZL3GA gave a talk on field days.



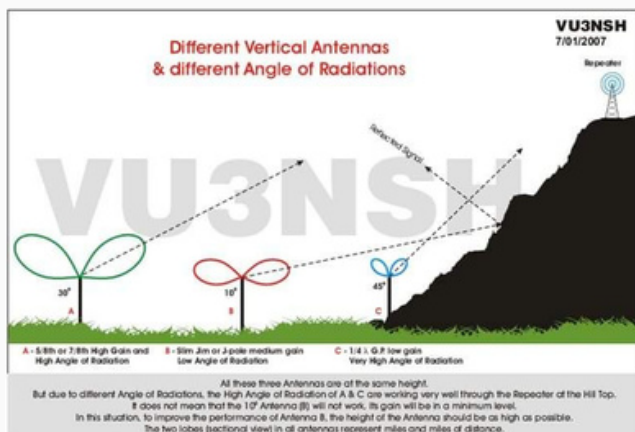
Branch Meeting Hosts/Hostess

Month	Host/ess	Callsign
April	Geoff Clark	ZL3GA
May	Geoff Gillman	ZL3QR
June	John	ZL3MR
July	Geoff Gooch	ZL3AL
August	Don	ZL3DMC
September	Ross	ZL3RJ
October	Grant	ZL2GD
November	Mark	3BA
December	Denise	ZL3HI
January	No Meeting	
February	All committee	



**It's Thursday, or
as I like to call it:**

**Day 4 of the
hostage situation.**



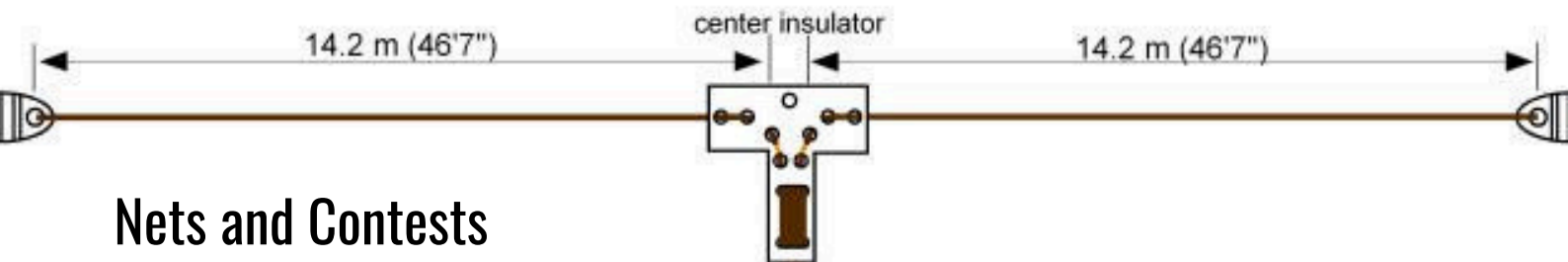
AMATEUR RADIO ANTENNA LENGTH CHART

	FREQUENCY (Mhz)	1/4λ (Feet)	1/2λ (Feet)	1λ (Feet)	1/2λ Inv Vee 90° (Feet)
160 METERS	1.800	130' 0"	260' 0"	558' 4"	257' 5"
	1.850	126' 6"	253' 0"	543' 3"	250' 5"
	1.900	123' 2"	246' 4"	528' 11"	243' 10"
	2.000	117' 0"	234' 0"	502' 6"	231' 8"
80 METERS	3.500	66' 10"	133' 9"	287' 2"	132' 5"
	3.750	62' 5"	124' 10"	268' 0"	123' 7"
	3.900	60' 0"	120' 0"	257' 8"	118' 10"
	4.000	58' 6"	117' 0"	251' 3"	115' 10"
40 METERS	7.000	33' 5"	66' 10"	143' 7"	66' 2"
	7.150	32' 9"	65' 5"	140' 7"	64' 10"
	7.300	32' 1"	64' 1"	137' 8"	63' 6"
30 METERS	10.100	23' 2"	46' 4"	99' 6"	45' 10"
	10.150	23' 1"	46' 1"	99' 0"	45' 8"
20 METERS	14.000	16' 9"	33' 5"	71' 9"	33' 1"
	14.150	16' 6"	33' 1"	71' 0"	32' 9"
	14.300	16' 4"	32' 9"	70' 3"	32' 5"
	14.350	16' 4"	32' 7"	70' 0"	32' 3"
17 METERS	18.068	12' 11"	25' 11"	55' 7"	25' 8"
	18.168	12' 11"	25' 9"	55' 4"	25' 6"
15 METERS	21.000	11' 2"	22' 3"	47' 10"	22' 1"
	21.200	11' 0"	22' 1"	47' 5"	21' 10"
	21.450	10' 11"	21' 10"	46' 10"	21' 7"
12 METERS	24.890	9' 5"	18' 10"	40' 5"	18' 7"
	24.990	9' 4"	18' 9"	40' 3"	18' 6"
10 METERS	28.000	8' 4"	16' 9"	35' 11"	16' 7"
	28.500	8' 3"	16' 5"	35' 3"	16' 3"
	29.700	7' 11"	15' 9"	33' 10"	15' 7"
6 METERS	50.000	4' 8"	9' 4"	20' 1"	9' 3"
	54.000	4' 4"	8' 8"	18' 7"	8' 7"
2 METERS	144.000	1' 8"	3' 3"	7' 0"	3' 3"
	148.000	1' 7"	3' 2"	6' 9"	3' 2"

Antenna length calculations are based on the following formulas:
1/2 wave dipole (Feet) = 492/Frequency in MHz.
Full wave loop (Feet) = 984/Frequency in MHz.
Inverted Vee with 90 degree included angle is 5% the length of 1/2 wave dipole.

Note:
Cut wire slightly longer to allow for connecting insulator/pulling
height above ground, nearby wires, trees, etc. will change tuning slightly.

MILLENNIA
ARTS



Nets and Contests

HF SSB Nets - per ZL1.nz

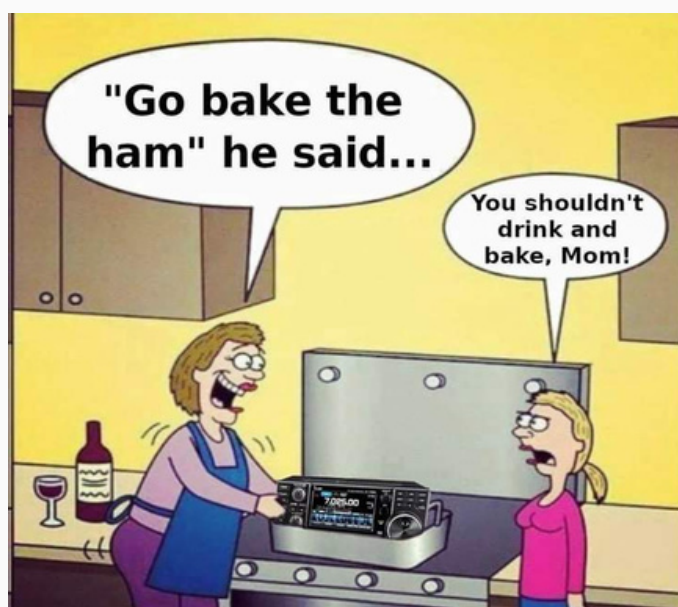
AREC Section Leaders – 3900 kHz USB, 3rd Monday of each month at 2020 NZT
 Alpine Fault Net – First Sunday of each month on 7115 kHz LSB at 0930 NZT and on 3605 kHz LSB at 2030 NZT.
 NZART Branch 03 Auckland Western Suburbs – 3650 kHz, Fridays at 2000 NZT
 NZART Branch 05 Christchurch – 3650 kHz, Mon-Fri at 1600 NZT
 NZART Branch 10 Franklin – 3700 kHz, Sundays at 0900 NZT
 NZART Branch 12 Hamilton – 3579 kHz, Mondays at 1930 NZT
 NZART Branch 16 Horowhenua – 3720 kHz, Wednesdays at 2030 NZT
 NZART Branch 18 Hutt Valley – 7075 kHz, Sundays at 0900 NZT
 NZART Branch 20 Manawatu – 3570 kHz, Sundays at 0900 NZT
 NZART Branch 22 Marlborough – 3876 kHz, Tuesdays & Saturdays at 2030 NZT
 NZART Branch 26 Nelson – 3890 kHz, Sundays at 0900 NZT
 NZART Branch 27 New Plymouth – 3660/7120 kHz, 1st of each month at 2030 NZT
 NZART Branch 28 Whangarei – 3585 kHz, Sundays at 2030 NZT
 NZART Branch 30 Otago – 3613 kHz, 1st Monday at 2000 NZT
 NZART Branch 35 South Otago – 3585 kHz, Mondays at 2030 NZT
 NZART Branch 41 Thames – 3850 kHz, Sundays at 0900 NZT
 NZART Branch 42 Titahi Bay – 3710 kHz, Sundays at 2000 NZT
 NZART Branch 50 Wellington – 7050 kHz, Sundays at 0930 NZT
 NZART Branch 53 Te Puke – 3690 kHz, Sundays at 0830 NZT
 NZART Branch 61 Central Otago – 3600 kHz, 2nd Thursday at 2000 NZT
 NZART Branch 62 Reefton-Buller – 3600 kHz, Saturdays at 2030 NZT
 NZART Branch 80 Hibiscus Coast – 3692 kHz, Mondays at 2000 NZT
 NZART Branch 83 Raglan – 3608 kHz, Saturdays at 0830 NZT. Sunday sessions at 1900 NZT appear to be no longer operating (30/6/24)
 NZART Branch 89 Radio Electronics Group – 3615 kHz, Thursdays at 2000 NZT
 Awards Net (formerly the Counties Net) – 3677 kHz daily at 2100 NZT
 Geek Net – 3655 kHz Wednesdays at 2000 NZT. Contact ZL1GKB for information.
 Homebrew Net – 7105 kHz (summer) or 3760 kHz (winter), daily at 1730 NZT
 New Zealand Amateurs Club Net – 3700 kHz, Sundays at 1930 NZT. Appears to be no longer operating (30/6/24)
 Old Timers' Club (OTC) – 3870 kHz, Mondays at 2030 NZT
 Ten Ten International (Down Under Chapter) – 28530 kHz, Saturdays at 1030 NZT (all year)
 ANZA Net – 14183 kHz, daily at 0500Z. For DXers.

Canterbury 2M SSB Net 144.200MHz every Tuesday from 2000hrs (vertical polarisation)

Canterbury 6M Net 3850 6M Repeater Thursdays from 2000hrs (vertical polarisation)

Canterbury Area Net 5625 Repeater, 2000hrs on Sundays

National Broadcast last Sunday of the month at 2000hrs on 3.900MHz, National System, 6975 and 705 Repeaters





DX PEDITION NEWS



[FOR MORE DX_PEDITION NEWS CLICK HERE](#)



CALENDER 2024

GENERAL MEETING								
April	May	June	July	August	September	October	November	December
11	9	13	11	8	12	10	14	12

COMMITTEE MEETING								
April	May	June	July	August	September	October	November	December
25	23	27	25	22	26	24	22	-

REPEATER TRUSTEES

6975			
	Brian Holland	ZL4WX	021 793 871
675	Simon Hill	ZL3SI	021 210 1786
	Richard Smart	ZL4FZ	03 385 8355
ZL3RR	Geoff Clark	ZL3GA	03 363 044





BRANCH OFFICERS

Patron Geoff Gillman ZL3QR

President	Don MacDonald	ZL3DMC	027 551 6683
Vice President	Geoff Gooch	ZL3AL	027 477 0274
Secretary	Simon Hill	ZL3SI	021 210 1786
Treasurer	Denise Hider	ZL3HI	03 313 4907
AREC S/Leader	Don MacDonald	ZL3DMC/ZK9EGA	027 551 6683
Ragchew Editor	Greg Van Der Reis	ZL1GUD	0221 229 240
Committee	Ross Johnson	ZL3RJ	03 313 5575
	John Van Dijk	ZL3MR	027 487 9057
	Geoff Clark	ZL3GA	021 363 044
	Mark Carshalton	ZL3BA	027 960 2741
Webmaster	Don MacDonald	ZL3DMC/ZK9EG	027 551 6683
Patron	Geoff Gillman	ZL3QR	027 647 5490

CLUB MEMBERSHIP

ANNUAL SUBSCRIPTIONS

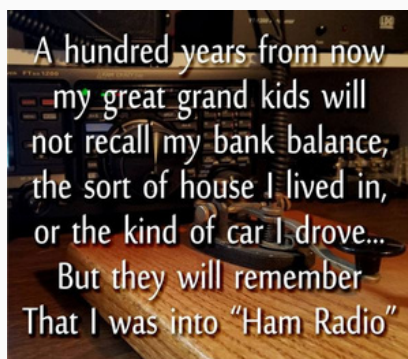
\$40 Single or \$50 Family

Payment by instalments can be arranged with the Treasurer

Bank details for Internet payment. Please include your Callsign / Name.

ANZ Bank: 01 0877 0105044 00

PLEASE HELP THE CLUB and PAY PROMPTLY





FOR SALE AND WANTED

FOR SALE



1. Yaesu Dual Band Transceiver FT-7800. It has the kit and aerial plus fittings. I came out of my car and is in excellent order. I would like \$320 ONO
2. 1 x J-Pole which is in good order – been sitting in my garage for some time. \$20.

My phone number is on Ragchew or mobile 021 316 357

Many thanks
Denise ZL3HI

WANTED

Lattice tower

Minimum of 9 meters long, guyed, fixed or tilt.
I am not looking for a project (that is rusted and bugged.)
I can dismantle if necessary.

I will consider a “deal” including antennas and rotator if that is offered.

Greg ZL1GUD
0221 229 240
ZL1GUD@proton.me



OL SDR

OL-SDR represents the pinnacle of innovation in the field of SDR radios, offering unrivaled sophistication and flexibility. Just look at its rear panel, which offers a wide range of connections and functionality, embodying the complexity and power behind this extraordinary technological solution.

With an internal structure centered around a next-generation FPGA, OL-SDR is distinguished by unprecedented versatility and control. This extreme adaptability and operational precision position it as a versatile transceiver in a diverse range of high-demand operating contexts, where the need for extreme performance is critical.

Its internal architecture and advanced external interface are designed to meet the most demanding needs of the most sophisticated operators. OL-SDR is an ideal option for those who require maximum customization and flexibility, offering a level of functionality adaptable to a wide range of specialized applications.

Here are some of the key features of the OL-SDR:

Unrivaled sophistication and flexibility: The OL-SDR is packed with features that make it the most sophisticated and flexible SDR radio on the market.

Wide range of connections and functionality: The OL-SDR's rear panel offers a wide range of connections and functionality, making it ideal for a variety of applications.

Next-generation FPGA: The OL-SDR is powered by a next-generation FPGA, which provides unprecedented versatility and control.

Extreme adaptability and operational precision: The OL-SDR is designed for extreme adaptability and operational precision, making it ideal for high-demand operating contexts.

Advanced external interface: The OL-SDR's advanced external interface is designed to meet the most demanding needs of the most sophisticated operators.

Maximum customization and flexibility: The OL-SDR offers a level of customization and flexibility that is unmatched by any other SDR radio.

If you are looking for the most sophisticated, flexible, and powerful SDR radio on the market, the OL-SDR is the perfect choice for you.

<https://www.olliter.com/sdr-en.html>

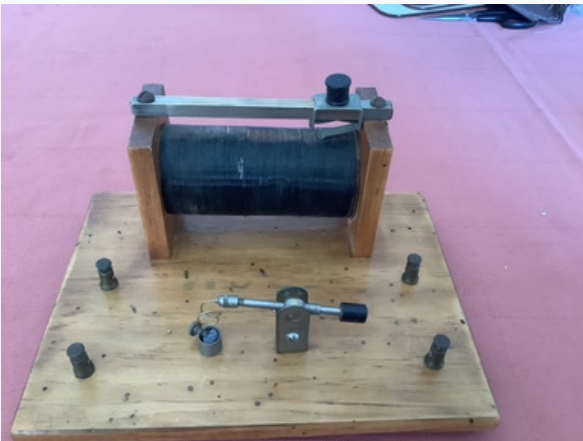
ROSS'S RADIOS



These are all original and are from 60 to 100 years old. I have 18 and always looking for more.

The valve one , a Polar Twin ,TRF with regeneration English from 1925

ZL3RJ





Rotuma DX-Pedition to Fiji

Work party for 3D2Z Rotuma DXpedition held at Gregg W6IZT's north GA QTH over the past 3 days.... getting ready to air freight approximately 1,300 pounds of gear to Fiji in a couple of weeks. The 3D2Z DXpedition is scheduled for November 15.

Rotuma 2024 -3D2Z

PRESS RELEASE - July 26, 2024

Contact: Hal Turley, W8HC email: w8hc@aol.com

DX Engineering (DXE) is Major Sponsor of the 3D2Z Rotuma DXpedition

We are pleased to announce that our good friends at DX Engineering (DXE) are a major sponsor of the 3D2Z Rotuma Dxpediton scheduled for late November.

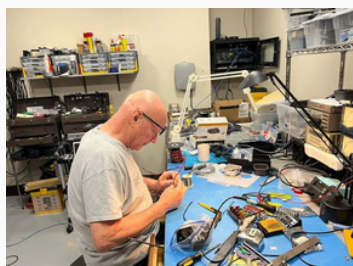
DXE has now joined the Northern California DX Foundation (NCDXF) as a "Premier" sponsor supporting this unique DXpedition.

This DXpedition is a partnership with Youth on the Air (YOTA) encouraging youth participation and will feature 3 young operators who will be active from 3D2Z on the Island while there will also be 30 or more YOTA operators operating 3D2Z remotely using W6IZT Radio in a Bo stations (RiBs) over Starlink.

DX Engineering CEO Tim Duffy, K3LR has once again demonstrated his commitment and support of youth involvement in our hobby not only with this, DXE's 3D2Z sponsorship, but is once again opening up his world-class K3LR Contest station to the young operators of the Dave Kalter Memorial Youth DX Adventure as they participate this weekend as K3Y in the RSGB IOTA Contest.

"Thank you" to DX Engineering and "Very 73 es GL" to the K3Y Contest Team!!

In addition to the NCDXF, we are grateful to the following DX clubs and associations for their generous support of the 3D2Z project enabling DXpeditioning for the next generation of amateur radio operators:





DX-Pedition to Jarvis Island

Report on recent DXpedition to Jarvis Island . N5J

Jarvis Island is a small Island between Hawaii and The Cook Is. It has been mined for phosphate. Permission was needed from US Fish and Wildlife to use Island, which took several years to negotiate. Three scientists were also taken to observe the wild life.

For maybe 1 year a group have been testing new ways of having less impact on the local the environment. The hope is this system will enable operations from other places where operation is not allowed at the moment. They used a motor yacht, and a boat with 6 wheels to land gear ,called Rig in Box .And vertical antennas , causing less bird problems.

System last test was as K8R American Samoa. They arrived about August 10 and operated for 10 days.

These operations try to operate 24 hours a day radio conditions permitting. With satellites these days its possible to have remote operators. There were only 5 operators on boat and 24 operating from 8 countries including 1 ZL . 900 Mhz is used for ship to shore data link.

You wonder why people would spend large amounts of money going to these places. Well lucky for us they do. Some money is recovered from donations and QSL conformations. There are 340 countries or entities recognized by the ARRL and Palmyra and Jarvis are at 17 and North Korea the most wanted.

The statistics 106892 QSOs with 21285 stations . I worked them all bands from 160 to 10 meters, 21 times with SSB CW and FT8 . There were 4 Canterbury stations taking part. All information from QRZ.COM and clublog. High numbers of QSOs is not uncommon for large expeditions.

ZI3RJ

NZART Canterbury Branches Picnic

Sunday 10 Novemberth


Ashburton – exact venue tbc by Branch 01

At stake this historic shield between

- 01 Ashburton
- 05 Christchurch
- 34 South Canterbury
- 68 North Canterbury



Events

Event Start		Description	
#1	11:00	Baofeng Replica Each branch to bring at least one Baofeng replica. The replicas will be used during events 3 and 6 so should be quite robust	
#2	11:10	Quiz – General Knowledge	

#3	11:30	Bin the Baofeng Select a Baofeng replica (or your own real Baofeng) and throw it into the bin about 5 metres away. Penalty points for distance from the bin.	
#	12:0	Lunch	
4	0	Quiz - Questions from the old & new GAOC exam. If you don't get 7/10 you may have to surrender your licence :-) Biff the Baofeng - Select a Baofeng replica (or your own real Baofeng) and see how far you can biff it.	
#	13:0		
5	0		
#6	13:30		
#7	14:30	Foxhunt Fox transmits on 146.475 MHz for about 20 seconds every minute.	



Note from the editor:

There is so much hate on the forums and amateur FB pages where someone asks a question and is attacked and belittled so I thought I would include this.

HRWP wants to spread the amateur radio spirit in its purity, away from discrimination and political, racial, religious factors.

The "Code of conduct" always mentioned and which should guide every good operator says, in its introduction, "A radio amateur is considerate... He never knowingly operates in such a way as to lessen the pleasure of others" and again "Social feeling, feeling of brotherhood, brotherly spirit: large numbers of us are all playing radio on the same airwaves (our playing field). We are never alone. All other hams are our colleagues, our brothers and sisters, our friends. Act accordingly. Always be considerate".

HRWP hopes to see more and more operators experience our hobby away from any form of mutual hatred.

www.hrwp.net



This was sent to me. I have not bought one, however with the Amazon guarantee US\$37 seems like a bargain

Well done ... well ... done ...



Fake adverts - or she has asbestos fingers