



Western Suburbs Radio Club Inc.

February 2018 Newsletter

ZL1AC, Branch 03 NZART 3000 Great North Road New Lynn,
 PO Box 15-122 New Lynn WAITAKERE 0640
 President: Ian Sangster ZL1RCA, Vice President – Grant Manning ZL1GSM.
 Secretary: Roy Milam ZL1WI. Newsletter Editor – John Neill ZL1NE
 VHF Club Net Wednesday 08:30pm 146.525 MHz,
 HF Club Net Fridays 08:30pm 3.650 MHz
 Website <http://www.amateurradio.co.nz/>

Club Calendar

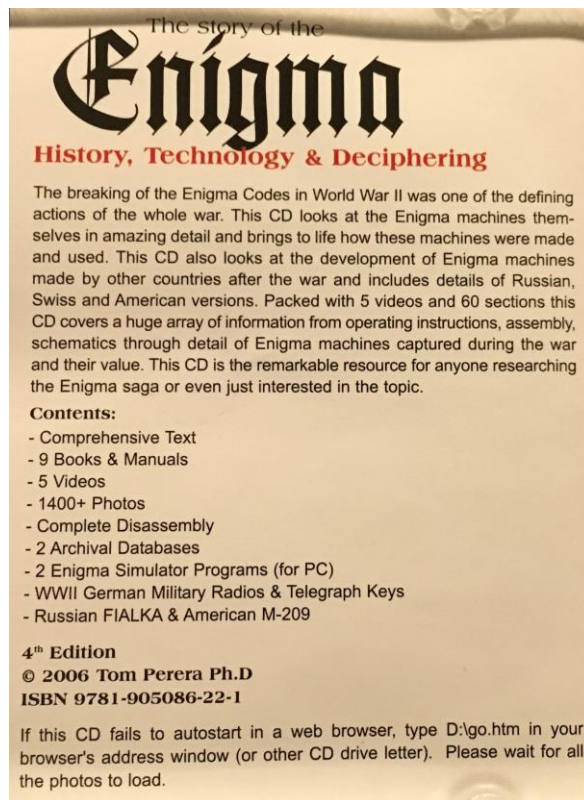
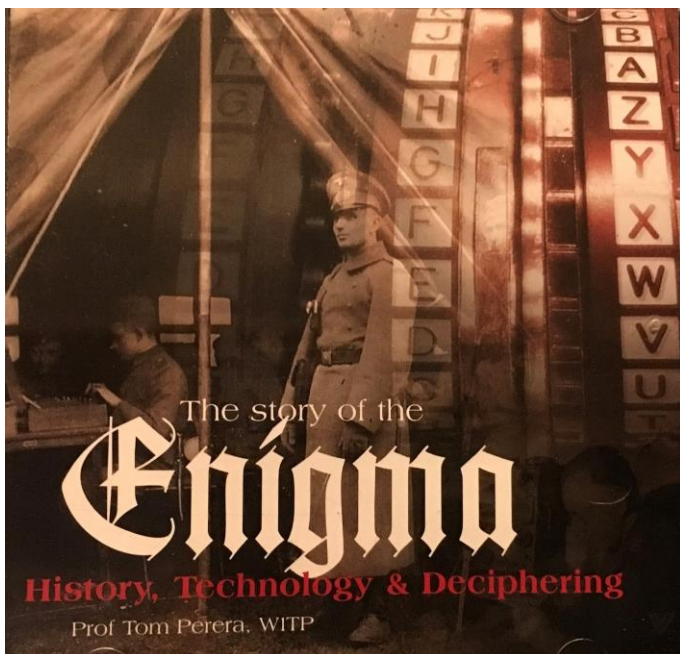
Saturday	17 th	February	Committee Meeting – 9am Note – The meeting is one week early to avoid clashing with Field Day
Saturday	17 th	February	Club Meeting – 10am Video, The Story of the Enigma – History, Technology and Deciphering. Note – The meeting is one week early to avoid clashing with Field Day
Saturday Sunday	24 th 25 th	February	Jock White Memorial Field Day Contest
Saturday	3 rd	March	Te Puke Amateur Radio Club Market Day Details at the end of the Newsletter
Saturday	24 th	March	Committee Meeting – 9am
Saturday	24 th	March	Club Meeting – 10am. Topic to the Announced
Friday	30 th	March	Good Friday
Sunday	1 st	April	Daylight Saving Ends
Monday	2 nd	April	Easter Monday
Wednesday	25 th	April	Anzac Day
Saturday	28 th	April	Committee Meeting – 9am
Saturday	28 th	April	Club Meeting – 10am. Topic to the Announced
Saturday	26 th	May	Committee Meeting – 9am
Saturday	26 th	May	Club Meeting – 10am. Topic to the Announced
Saturday Sunday	2 nd 3 rd	June	NZART Conference
Monday	4 th	June	Queen's Birthday
Wednesday	13 th	June	Mid-Winter Dinner – Venue and Date to be confirmed.
Saturday	23 rd	June	Committee Meeting – 9am
Saturday	23 rd	June	Club Meeting – 10am. Topic to the Announced
Saturday	28 th	July	Committee Meeting – 9am
Saturday	28 th	July	Club Meeting – 10am. Topic to the Announced
Saturday	25 th	August	Committee Meeting – 9am
Saturday	25 th	August	Club Meeting – 10am. Topic to the Announced
Saturday	22 nd	September	Committee Meeting – 9am
Saturday	22 nd	September	Club Meeting – 10am. Topic to the Announced
Sunday	30 th	September	Daylight Saving Starts
Saturday	27 th	October	Committee Meeting – 9am
Saturday	27 th	October	Club Meeting – 10am. Topic to the Announced
Monday	22 nd	October	Labour Day
Saturday	3 rd	November	Used Equipment Sale – Venue and Date to be confirmed
Saturday	24 th	November	Committee Meeting – 9am
Saturday	24 th	November	Club Meeting – 10am. Topic to the Announced
Wednesday	12 th	December	Christmas Dinner – Venue and Date to be confirmed.
Tuesday	25 th	December	Christmas Day
Wednesday	26 th	December	Boxing Day
Tuesday	1 st	January	New Year's Day
Wednesday	2 nd	January	Day After New Year's Day

Meeting Agendas

If you have a topic that you would like to present at a club meeting, could you please contact the President or Vice President prior to meetings so that the item can be programmed for a future date.

February Meeting

The February Meeting on the 17th will be a Video on “The Story of the Enigma,” History, Technology and Deciphering.



WANTED by a misguided resurrector of antique rigs:

Tube (valve) manuals:

- Philips, RCA, GEC, Sylvania receiving tube manuals, but recent enough to include the sorts of TV sweep tubes commonly used in 70s/80s hybrid transceivers, such as 6JE6, 6LQ6.....
- RCA transmitting tube manuals
(Sadly, I got rid of my library decades ago. If you have never-used tube manuals you would like to have a good home rather than go to landfill, I will gladly reimburse postage costs.

Please email me if you have any of the above tonystroobant45@gmail.com

Many thanks. Tony ZL1TS

Field Day 2018

This will occur over the weekend of 24/25 February 2018. If you are available then please let the WSRC Committee know. The event is about being prepared to operate radio in a remote location away from mains power for an extended time. It is a good team-building occasion and hones up our operating skills. The field day runs on Saturday 1500-2400 NZDT and Sunday 0600-1500 NZDT. Final planning for the event will take place at the February meeting. The rules are reproduced at the end of this newsletter.

Club Nets

VHF Net 146.525 MHz **8:30pm** every Wednesday, HF Net 3650 KHz +/- QRM/QRN **8:30pm** every Friday. All are welcome to check in on the nets.

The HF Net roster is opposite. The full HF Net roster can be found on: <http://www.amateurradio.co.nz/>.

We regularly have three to four operators on the VHF Net and six to seven on the HF Net. More would be good. How about joining in.

16-Feb-18	ZL1LK	Roy
23-Feb-18	ZL1BAK	Graeme
2-Mar-18	ZL1NE	John
9-Mar-18	ZL1AF	Andrew
16-Mar-18	ZL1RCA	Ian
23-Mar-18	ZL1LK	Roy
30-Mar-18	ZL1BAK	Graeme
6-Apr-18	ZL1NE	John
13-Apr-18	ZL1AF	Andrew
20-Apr-18	ZL1RCA	Ian
27-Apr-18	ZL1LK	Roy

Know Your Ropes



KNOW YOUR ROPES, TIP No. 11

If you use a rope to hold your mooring buoy, or leave a rope in sunlit seawater for any reason for extended periods of time, you're likely to find that marine growth will attach itself to the rope. Natural fibre ropes will decompose fairly quickly under these conditions, however synthetics are little affected apart from discolouration and slime. The best way to clean rope affected in this way, is simply to let them dry out *completely*, and then work and flex the rope to disintegrate the organic structure of the growth. It will then fall out of its own accord, over a period of time. If you try scrubbing the rope clean, you're in for a lot of very hard work . . . and you could damage the rope too!

KNOW YOUR ROPES, TIP No. 12

If you're a yachting, you might just be considering the idea of having your sails dry-cleaned. Before you do, try and find out what material the luff rope in the sail is. Should it prove to be nylon or polypropylene then *don't* dry-clean the sail. Nylon can shrink up to 10% on dry-cleaning and polypropylene can shrink up to 12%. A shrinkage like this in a luff rope could ruin your sail. If the luff rope is polyester (Terylene), it will shrink only 2-3% and dry-cleaning is permissible although not really recommended.

KNOW YOUR ROPES, TIP No. 13

Ropes made from modern synthetics are sensitive to heat, and can be damaged by being left lying against hot objects such as engine manifolds or exhausts. Frictional damage can also easily occur, and care should be taken never to let a synthetic rope 'idle' on a moving winch drum, or to run out over a stationary point in another. Care should also be taken to see that ropes are free to run in pulleys and fairleads. Remember wherever rope may chafe, damage can occur, and in synthetic ropes, frictional damage could well fuse the rope causing ultimate failure.

KNOW YOUR ROPES, TIP No. 14

Ropes are commonly available in two distinct forms—laid rope and braided. Laid rope consists of the familiar helical spiral formation of strands, while braided rope is usually plaited. Use braided rope where a smoother cross-section is required . . . for example where the rope must run smoothly over pulleys. But it is well to remember that braided rope will stretch more and is not quite as strong as a rope of the same fibre type and size in laid construction.

Te Puke Amateur Radio Club Inc.

Branch 53 of NZART

“MARKET DAY”

Saturday March 3rd 2018

Where

**Paengaroa Community Hall.
4 Old Coach Road, Paengaroa.**

(GPS Coordinates: 37.49S 176.24E)

Venue open from 06.30am, Sale time 10.00am

\$20.00 for a 1.8 Table, \$25.00 on the day.

\$12.00 for ½ a Table, \$15.00 on the day.

WARO meets at 10.30am

Overnight Parking For Motorhome's

(Please advise by Phone or Email)

Hot Breakfast from 07.30am (\$10.00).

1 Sausage, 2 Rashers Bacon, 2 Eggs, ½ Tomato, 2 Pieces Toast, Tea or Coffee.

Also available Sandwiches, Cakes, Tea / Coffee, all at reasonable prices.

For further information & Table Booking's, Contact Syd Rowe ZL1LWR

Phone (07) 533 1029, Mobile: 0272488664, Email sydrowe@xtra.co.nz

Postal Address: 223 State Highway 33, RD 9, Te Puke 3189.

Te Puke Amateur Radio Club Inc.
March 3rd 2018 “Junk Sale” Vendors Registration Form

Call Sign: _____

Name: _____

Address: _____

_____ Post Code: _____

Phone Number:() _____ Mobile _____

Email Address: _____

1.8m Tables Required @ \$20.00 _____ = \$:00
\$25.00 On the day.
½ Tables Required @ \$15.00 _____ = \$:00
\$20.00 On the day. Total \$:00

Please return form with remittance to:

Te Puke Amateur Radio Club Inc.

C/- S.J. Rowe

223 State Highway 33

RD 9

TE PUKE 3189

Or by direct deposit to our ANZ Bank Account:

Te Puke Amateur Radio Club Inc.

01-0451-0065145-11 Reference "Tab. Reg."

For Further enquiries.

Phone (07) 533 1029, Mobile 0272488664

Email: sydrowe@xtra.co.nz

Jock White Memorial Field Day Contest Rules

Updated 20 December 2017. Reproduced from the NZART Website.

Saturday/Sunday 24 & 25 February 2018

This annual contest is named to honour Jock White ZL2GX, NZART Contest and Awards Manager for over 40 years, for the service that he gave to NZART during that time. This contest is primarily to test Branch organisation and weld a team of workers together. Your team can aim to be as competitive or as social as it likes, or all points in between. There is work for all: spouses/partners, prospective members etc.

Rules:

1. AIMS and OBJECTIVES:

For NZART Branches and clubs (hereafter referred to as branches) to establish effective temporary HF radio stations, to work as many other New Zealand stations as possible and to learn to operate in an abnormal situation in less than optimal conditions.

Home stations can also participate but are strongly encouraged to make a minimum of either 50 phone and/or 20 CW contacts on 80m and/or 40m and submit logs.

2. WHEN:

The last full weekend in February each year: on Saturday 1500-2400 NZDT and Sunday 0600-1500 NZDT.

NOTE: when February only has three full weekends then field day will be held on Saturday 28th February and Sunday 1st March. This is to avoid a clash with the ARRL international CW contest.

This will occur in 2015 and then 2026.

3. BANDS, MODES and POWER:

40 and/or 80 metres, PHONE (SSB) and/or CW, 100 watts PEP maximum.

Stations using two transmitters may operate simultaneously on both bands, however only one transmitter may be operated on a single band at a time. Single transmitter stations may operate on one or both bands.

4. SITES and SHELTERS:

Field station shelters may be one or more tents sited within 10 metres of each other and erected on the weekend of the contest. Caravans, mobile homes or other vehicles may also be used, but may only be moved on to the site on the weekend of the contest.

5. ANTENNAS:

Field station antennas may not be raised earlier than 1200 NZDT Saturday. Some stations may choose to erect antenna supports while others may use natural or standing supports. Eg. Hills, trees, towers, buildings etc.

6. ELECTRICAL POWER:

For field stations this must be from an independent source. I.e. batteries, portable generator engine alternators, solar power, wind or water powered generators, etc.

7. ENTRY CATEGORIES:

(Stations may only enter one category)

- Northern Region (Montgomery Cup)
- Central Region (Patea Shield)
- Midlands Region (ZL3/4 Trophy)
- Southern Region ('4' Trophy)
- Single Operator – unassisted by any other person.
- CW only
- Phone only
- 80m only

- Single-transmitter station 40m and 80m
- QRP – 5 watts maximum (WM Hall Memorial Cup)
- Home stations
- Overseas stations in the South Pacific area

8. EXCHANGE:

- RS(T) report plus a serial number starting with 001 and incrementing by one for each successive contact, plus an NZART Branch number.
- Simultaneous two-band operating stations should use separate serial number series for each band.
- The same serial number series should be used for both Phone and CW contacts on the same band.

9. MULTIPLIER NUMBERS:

- Field day stations are usually at sites within the 'local area' of the Branch that the operators and others associated with the station are members of and use the number allocated to that Branch . If the chosen location is within the 'local area' of another Branch , care must be taken not to clash with the other Branch station. The onus is on the 'moved' station to ensure that there is no clash.
- The numbers of Branch s in recess may be used.
- Individual operators or groups of operators may not have an affiliation to a particular NZART Branch but wish to operate a field station. In these cases it is suggested that they approach nearby Branches that don't normally operate in this event and seek permission to use their Branch number.
- The Field Day Contest Manager should be contacted well before the event if there are potential problems with the use of Branch numbers. Contact details are under point 14 below.
- Home stations must use 00 as a Branch number.

10. OPERATING PERIODS:

- Each hour will be an operating period with a total of 18 operating periods.
- Contacts may be made with any other field, ZL home or overseas (South Pacific) station, once each operating period, on each mode on each band.

11. SCORING:

Contact Points:

Phone - 3 points, CW - 5 points and Overseas Phone or CW - 10 points.

Multiplier Points:

- Each different Branch contacted on each band and mode counts as a multiplier. i.e.: a maximum total of four multiplier points may be claimed for each Branch .
- Only one station per Branch may be claimed as a multiplier per band and mode. However, in cases where a Branch has more than one station active, different stations contacted, may be claimed for multiplier points, up to a maximum of four multiplier points per Branch , not four per station.
- Contacts between stations using the same Branch number count for contact points only. Multiplier points cannot be claimed.
- Field stations must make a minimum of 50 contacts on Phone or 20 contacts on CW on each band that the station is active on, in order for the multiplier points for their station to be valid for other stations.

Total Scores:

Should be the sum of the contact points multiplied by the total Branch multiplier point numbers worked.

12. LOGS:

- Separate logs should be submitted for each band in time and serial number order, regardless of the operating mode.
- Head each log sheet with; Station Callsign, Branch number or HS for Home Station, Page Number, Operator Callsign and Name.

- Log sheet layout order; date – time – station worked – mode, CW or PH – band – exchange sent – exchange received. The total of PH/CW/DX contacts on each page will be useful for log checking purposes.
- Use a separate log sheet per hour period, except that where there are very few contacts in a period, several periods (ruled off between periods) can be on one sheet.
- Highlight or underline each contact claimed as a Branch multiplier number.
- Sample log sheets and summary pages are available on the NZART web-site - www.nzart.org.nz/activities/contest-rules/

13. SUMMARY:

A completed Summary must accompany all logs. The Summary sheets are available on the NZART web-site. Page 1 of the Summary should contain:

- Callsign used – Branch name & number or HS for home station
- Postal address for certificates and email address for results
- Section or Category entered (one only)
- Names & Callsigns of operators
- Contact totals for 80m phone, 80m CW, 80m overseas, 40m phone, 40m CW, 40m overseas and a calculation/total of claimed contact points.
- Branch multiplier points claimed for 80m phone, 80m CW, 40m phone, 40 CW and total of Branch multiplier points
- Claimed Total Score, i.e: contact points multiplied by the Branch multiplier points
- Details of equipment used; transceivers, generators etc and power output

Summary pages 2 and 3 are for listing the callsigns of the stations claimed as Branch multiplier points for each Branch on each band and mode. Count the numbers in each column and transfer the sum totals to page 1 of the Summary.

14. ENQUIRIES

If any clarification is required on any matter related to field day please feel free to contact the Jock White field day manager: clareandstuart@xtra.co.nz

15. LOG DEADLINE:

Logs together with summaries should be posted to reach Stuart Watchman, ZL2TW, 62 Hillcrest Avenue, Blenheim 7201, no later than the Saturday which is four weeks after the Field Day Saturday.