

theTARCinc Events Calendar

January

- Ann Renton Memorial Ladies Net
Tuesday Jan 22rd starts 7-30pm VK4RAT UHF
- Australia Day Long Week Family Radio Camp
Thur Jan 24 to Mon Jan 28 - Bluewater Guides Camp
- Tech On The Air Net
Tuesday Jan 29th starts 7-30pm VK4RAT VHF

February

- TARC Management Meeting
Tuesday Feb 5th starts 7-30pm
- TARC Project Night
Tuesday Feb 12th starts 7-30pm
- TARC Social Meeting
Tuesday Feb 19th starts 7-30pm
- TARC does the DCO Welcome and Info Expo
Sat Feb 16th from 9am RSL Stadium Murray
- Ann Renton Memorial Ladies Net
Tuesday Feb 26th starts 7-30pm

March

- TARC Management Meeting
Tuesday March 5 starts 7-30pm
- TARC Project Night
Tuesday March 12 starts 7-30pm
- TARC John Moyle Field Day Weekend
Fri March 15 to Sun March 17 Burdekin Duck
- TARC Social Meeting
Tuesday March 19 starts 7-30pm
- TCAC King Of The Hill Hillclimb Mt Stuart
Sunday March 24 starts 7-30am
- Ann Renton Memorial Ladies Net
Tuesday March 26 starts 7-30pm

more details inside ! - also check out
<https://thetarcinc.weebly.com>
and listen into the news nets for updates

GLOBAL RADIO EVENTS

WIA Ross Hull Memorial VHF-UHF Contest 1-31 Jan
CCARC Field Day - 24 Feb Wyong Racecourse
AM and CW on ANZAC Day - 25 April
RADAR-MARS Clairview Gathering - 3 - 6 May
CHARC AGM Weekend - Emerald 27 - 29 Sept
TARC Cardwell Gathering - 4 - 7 Oct

place
100 CENT stamp
here

**SURFACE
MAIL**



The Townsville

January 2019





BACK-SCATTER is the official bulletin of The Townsville Amateur Radio Club Inc. with QTH upstairs at S.E.S. Headquarters, Green St., West End, Townsville.
 POSTAL address is: **P.O. Box 333 Garbutt East, QLD 4814.**
 Voice Contact Phone: **(07) 4723 4351**
 Full membership \$40 p.a., Seniors, Student, Pension & Remote Member (more than 200km from Townsville) \$20 p.a.
 Subs due by 30th **June** and can be paid in person, via mail with cheque or via Internet Direct Transfer. Details for direct transfer -
 Account Name - Townsville Amateur Radio Club Inc. Bank - Commonwealth
 BSB 064817 Account Number 00904117 Reference (your surname or callsign)
 - email Treasurer with details as well, otherwise your payment might be missed !

Note that except where stated, the opinions expressed herein may not be the official opinion of theTARCinc.

homepage = <https://thetarcinc.weebly.com>
 e-mail = vk4wit@wia.org.au
 Facebook Search = **townsville amateur radio club**

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 phone- 0427 182469 vk4zz@iinet.net.au

Local Nets - some TARCadians participate in these nets

WIA News Net - each Sunday morning on VK4RAT 2m repeater at 9am to transmit WIA National and QNEWS followed by a callback session.
North Queensland Net - Sunday evenings at 7-30pm on 3605.4 kHz and relayed on the VK4RAT 2m repeater from 8pm. VK4WIT net control.
Ann Renton Memorial Ladies Net - Fourth Tuesday of the Month from 7-30pm VK4RAT UHF repeater. XYL's and YL's especially welcome.
Tech On The Air Net - Fifth Tuesday of the Month from 7-30pm VK4RAT VHF repeater. ARNewsline TX plus Techtalk.
GNARLY Net - All the Morse and Talk you can eat before breakfast - on 3600kHz, Morse starts 5-30am-ish, Voice starts about 6-30am
Friendly Afternoon Net - Make your Radio Shack a Happy place - on 7120kHz from 4-00pm-ish every afternoon - 3567kHz if 40m fails.



WICEN North Queensland Group

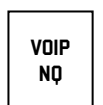
- Co-ordinator 2019 Gavin "og" Reibelt VK4ZZ
 0427182469 or email vk4zz@iinet.net.au
 Emergency listening frequencies during activation
 7075 kHz and 3605.4 kHz

VK4RWI Portable Repeaters (when active)
 2m 147.150 MHz OUT, 147.750 MHz IN
 70cm 438.625 MHz OUT, 433.625 MHz IN
 Frequencies to use when Repeaters are down - 146.5 and 439MHz
 WICEN QLD State-wide net Sunday morning at 0830K on 7075 kHz.



TARC WIA Exam Service Co-ordinator

Assessments for all levels of Amateur Radio Licensing
Roger Cordukes VK4CD 0417638366
 or email vk4cd@wia.org.au for info and bookings
 - if Roger has gone wandering then ring the TARC Secretary.



VK4TUB All-Star Link 46740 echolink 837230 VK4RAT UHF
 VK4PQ-R Echolink 956580 VK4RAT VHF
 VK4JPA WIRES-X/Fusion Room 24105 145.350MHz
 VK4MIC-L Echolink 971321 VK4RMI VHF
 VK4MIC IRLP Node 6921 VK4RMI VHF



TARC News Transmission Operators

Sunday mornings -
 Denis VK4AE, Lyndall VK4ZM,
 Richard VK4FRJG, Peter VK4PQ, Gavin VK4ZZ

Sunday evenings -
 Gavin VK4ZZ, Lyndall VK4ZM, Richard VK4FRJG, Peter VK4PQ



TARC Ladies Group

an informal gathering of YLs and XYLs interested in Amateur Radio and allied activities. Established January 1989 by Ann Renton VK4MUM (sk). The group have a natter during the Ladies Net on the Townsville UHF Voice Repeater 4th Tuesday of the month. **Co-ordinator Lyndall Reibelt 0427 688014**



TARC Meetings :

Management Meeting - First Tuesday of the month,
Project Nights - Second Tuesday of the month,
Social / Backscatter Meeting - Third Tuesday of the month,
 all start from 7-30pm at the Club Rooms, upstairs at SES
 Headquarters, Green Street West End (via Sidney Street).

For meeting dates please consult the events calendar on the cover of this magazine .

Many thanks to **Peter Renton** (ex VK4PV) former Secretary and Editor, for preserving the early editions of Back-scatter that you are reading today. Next time you catch up with Peter, buy him an ale or three !

Regional Voice Repeaters (all frequencies in MHz)

Locale	Callsign	Input	Output
Hann Tableland	VK4RHT	146.075	146.675 123Hz Tone
Cairns (Mt Haren)	VK4RCA	146.350	146.950 IRLP 6163
(Matson Plaza)	VK4RCA	434.850	439.850
Tolga	VK4RBK	434.900	439.900
Townsville Region	VK4RAT	146.100	146.700
(Mt Stuart) 91.5Hz Tone	VK4RAT	433.225	438.225 IRLP 6444
	VK4RAT	1293.500	1273.500
	TAC08	477.350	476.600 UHF CB 08
Bowen	VK4RAB	431.375	438.375 91.5Hz Tone
	VK4RAB	146.125	146.725
Mt Isa (Four Mile Hill)	VK4RMI	146.100	146.700 91.5Hz Tone
Midge Point (Conder Hills)	VK4RMP	146.200	146.800 IRLP 6037
Mackay (Mt Blackwood)	VK4RMK	146.400	147.000 IRLP 6450
Mackay	VK4RBY	146.050	146.650
(Black Mountain)	VK4RBY	433.600	438.600
Sarina 91.5Hz Tone	VK4RSA	146.075	146.675 12.5kHz BW
(Jordan Creek)	VK4RSA	434.625	439.625 IRLP 6037
	VK4RSA	52.800	53.800
Nebo 91.5Hz Tone	VK4RBM	146.175	146.775 IRLP 6741
(Blue Mountain)	VK4RBM	434.300	439.300
Moranbah	VK4RAS	146.275	146.875 91.5Hz Tone
(Carborough Range)	VK4RAS	434.950	439.950 91.5Hz Tone
Clermont	VK4RHR	146.325	146.925 IRLP 6037
(Hodgson Range)	VK4RHR	433.500	438.500
Rockhampton Region	VK4RAR	146.100	146.700 IRLP 6973
(Mt Archer) 91.5Hz Tone	VK4RAR	433.225	438.225 IRLP 6037
Blackdown Tableland	VK4RBD	146.350	146.950 IRLP 6037
Springsure (Roddas Lookout)	VK4RSP	146.225	146.825 IRLP 6037
Gladstone (Lady Larcom)	VK4RGL	439.800	434.800 91.5Hz Tone

Regional Digi repeaters & Gateways (north to south) In/Out

Clifton Beach (FNQ iGATE)	VK4AA	145.175 with APRS
Butchers Creek	VK4RBP	144.900
Atherton (Tablelands Igate)	VK4GO	145.175 with APRS
Atherton	VK4WAT-3	145.175 with APRS
Townsville (Mt Stuart)	VK4RAT-3	145.175 with APRS
Kirwan DeathSTAR Gateway	VK4TUB	145.145 digital
Rangewood WIRES-X Gateway	VK4JPA	145.350 digital
Kelso Echolink Gateway	VK4PQ-R	146.700
Kirwan ALISTAR Link Gateway	VK4TUB-L	438.225
Vincent (NQ iGATE)	VK4ZZ	145.175 with APRS
Charters Towers (Selheim)	VK4FNQ-3	145.175 with APRS
Proserpine (Midge Point)	VK4RMP-3	145.175 with APRS
Sarina (Jordans Creek)	VK4RSA-3	145.175 with APRS
Nebo (Blue Mountain)	VK4RBM	145.175 with APRS
Clermont (Hodson Range)	VK4RHR-3	145.175 with APRS
Middle Ck (CQ iGATE)	VK4RM	145.175 with APRS
Middle Ck (CQ HF-Gate)	VK4RM-4	10.1476 USB APRS
Middlemount	VK4REP-3	145.175 with APRS
Rockhampton (Mt Archer)	VK4RAR-3	145.175 with APRS
Blackdown Tableland	VK4RBD-3	145.175 with APRS
Springsure (Roddas Lookout)	VK4RSP-3	145.175 with APRS

Regional ATV Repeaters :	Callsign	Input	Output
Townsville Region	VK4RAT	1270.000	444.225

Regional Beacons

		Output
10m Mt Stuart (Townsville)	VK4RTL	28.270 CW id
6m Hann Tableland (Atherton Tlands)	VK4RHT	50.281 CW id
Mt Stuart (Townsville)	VK4RTL	50.282 CW id
2m Hann Tableland (Atherton Tlands)	VK4RHT	144.446 CW id
Mt Stuart (Townsville)	VK4RTL	144.445
70cm Mt Stuart (Townsville)	VK4RTL	432.445 CW id
23cm Mt Stuart (Townsville)	VK4RTL	1296.444 CW id

Enjoy the First and Second editions of Back-scatter !

Weather Information on HF
VMC Charleville 2201, 4426, 6507, 8176kHz USB
 NT, QLD, NSW, VIC, TAS, SA areas

VMW Wiluna 2056, 4149, 6230, 8113kHz USB
 NT, WA, SA areas

Stations transmit Marine Weather Warnings on the hour

BACKSCATTER

JANUARY. '69.

*Official Publication
Of The*

TOWNSVILLE
AMATEUR
RADIO
CLUB.

President. BILL VK4XZ.
Secretary. GRAHAM VK4GJ.
Treasurer. BOB VK4ZRG.

POSTAL ADDRESS :-

P.O. BOX 964,
TOWNSVILLE. Q.

With this first edition of our Newsletter, THE TOWNSVILLE AMATEUR RADIO CLUB hopefully puts it's best foot forward to start off a happy and prosperous New Year.

Over past years, the club has had it's ups and downs and about the time when T.V. was introduced, it faded out altogether. After a period, a few very keen people began to stir-up some activity again and the club was reformed. Very gradually we have been getting stronger but what the Club lacks most of all now, is the membership and support that it could have. The basic aims of a club such as ours are to foster interest in our hobby, and to bring all interested people together so that each member may learn from the knowledge, experiences and findings of each other, both being in the interests of amateur radio as a whole.

To further these aims we need the old hands with all your experience behind you, and also the newcomers with your new ideas and methods, and it doesn't matter how much or how little each can contribute, technically or socially, everyone is most welcome to join in. Whether you are interested in constructing gear, DX hunting or ragchewing, I am sure that we can make our monthly get-together something to look forward to.

We therefore extend an invitation to all who are interested to attend the Annual General Meeting to be held on Thursday evening 6th February, 1969, at the 4TO Auditorium, commencing at 8.00. p.m.

ANNUAL PICNIC:

On Sunday 22nd December, 1968, a number of cars travelled to Macrossan and Charters Towers for the annual picnic. Those present were Charlie VK4BQ with XYL Evie VK4EQ plus harmonics, Ross VK4RO, Dale VK4ZDG, Bob VK4ZRG with XYL and harmonics, Peter VK4ZPL, and Bil VK4XZ with XYL and harmonics. It is of interest to note that there were 3 cars from Townsville, 1 from Ayr and 1 from Charters Towers and each was complete with a 6 metre mobile, all on or around the net frequency. There was no rare DX logged for the day and even though Bob still swears that he heard a VK2 on the band, Peter knows better.

After a refreshing swim and a picnic lunch at Macrossan, the party journeyed on to Charters Towers where the fox hunt was on. After Peter VK4ZPL accidentally found the fox, everyone adjourned to the shack of Bill VK4XZ for refreshments and a chat. Later on, a tour was arranged for those who had not previously seen the area.

All in all, it was a most enjoyable outing for members and families.

VISITORS:

Recent visitors to the area include Bob VK4UD from Bundaberg, who called in at Townsville and Charters Towers.

Merv VK4DV, a past club member now at Richmond, attended our **January** meeting and he tells us that he is making many good DX contacts on 20, 15 and 10 metres from his QTH in the west.

Another visitor was Bill VK3AHS/mobile VK4 who is holidaying in Cairns and paid a visit to Ayr during the holiday period.

HOLIDAYS:

Bob VK4RW and also Eric VK4ZRO have both travelled South on holidays.

Charlie VK4BQ and Evie VK4EQ went touring up North and we have heard that they left without the 40 metre SSB gear.

CLUB HOUSE:

In 1968 Club Members had high hopes of commencing to build a club house, on a block of land on Castle Hill, but due to circumstances beyond our control, we were unable to accept the land under the conditions offered. So we are now looking for another location and any ideas on this matter would be very much appreciated.

INSTRUCTION:

Classes conducted during 1968 proved very rewarding by assisting 5 members to qualify for licences. Margaret Long, Charlie Case and Eric VK4ZRO have all qualified for limited licences.

It is to be hoped that 1969 will be as successful if not more so, as results like these must be added incentive for both students and instructors alike. Howard Simpson in Ayr is studying hard and is confident of a pass in February.

The 1969 classes will commence on 8th March, so, if you know of anyone who is at all interested in obtaining a licence, bring him along to a meeting or contact a club member to find out more details.

VHF NOTES:

With 11 stations operating on 6 metres and 4 on 2 metres, VHF activity is at present quite high. The year 1968 gave the locals plenty of DX with contacts to all JA call areas. A number of KR6 and KA stations added further interest to the world above 50 MCS. Antennas are at present scanning the N.E. Pacific in the early morning in the hope of working KH6 stations.

Closer to home the local sporadic E season is in full swing with contacts to all states. While November showed some excellent openings, the Ross Hull contest period was rather quiet. However, it should only be a matter of weeks now before the first JA's re-appear for 1969.

Local stations still use AM mode ranging from 20-100 watts. Antennas range from dipoles to wide spaced 6 element yagis on 6 metres, while all 2 metre antennas are at least 10 element yagis.

Ross VK4RO at Ayr, is the only station at present using SSB on 6 and 2 metres.

Some work has been completed on 432 MHZ, but no regular working has been carried out.

VHF NOTES: (Contd.)

The net frequency of 53.032 MHZ is used extensively by both base and mobiles. Approximately 8 Pye Mark 3 transceivers (in various forms of modification) are in use by mobile operators. The frequency 53.032 MHZ is also used by the Rocky and Bundy Clubs, which makes it very useful when travelling South.

A 2 metre hidden TX hunt has been organised to follow the Annual General Meeting on 6th February, 1969. Time permitting, a 6 metre fox hunt will also be held. If all stations use 53.032 MHZ it will help considerably.

UNTIL NEXT TIME

73's

BOB VK4ZRG.

FOR SALE:

1 only AR7 Receiver complete with coil boxes. For further details contact the Radio Inspectors Department, Townsville.

Well, friends, we have made a start, but next months edition is going to show a great improvement with all those articles, bits of news and items of interest, that are going to pour in. If there is something that you will like to see in print, please bring or send it along to a meeting and it will be gratefully received and used.

Don't forget the meeting on Thursday, 6th February and don't forget to bring your rush boxes along to try-out your skill at finding the hidden TX after the meeting.

BYE FOR NOW -

73's

GEORGE VK4GS

BACKSCATTER

FEBRUARY, 1969

*Official Publication
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TOWNSVILLE
AMATEUR
RADIO
CLUB.

PRESIDENT: ROSS VK4RO
SECRETARY: RITCHIE VK4ZRS
TREASURER: CHARLIE VK4BQ

POSTAL ADDRESS:-
P.O. BOX 964,
TOWNSVILLE. Q. 4810.

EDITORIAL

It was gratifying to see a roll-up of 23 at our February meeting and we would like to see a better attendance next time. Our membership at present includes residents of Townsville, Charters Towers, Ayr and Proserpine.

I must admit that with the election and change over of officers for the coming year, there was some confusion, but everything should be well in hand by next meeting.

To date the club has achieved some success in its aims. Firstly, interest has been fostered by quite a bit of advertising to give the public an idea of what the club and our hobby has to offer. Secondly we have held courses of instruction for aspiring hams and these have been very successful and rewarding.

One aim which we have not achieved and which I think we must strive very hard to obtain, is the establishment of a club house. Our classes could be run even more efficiently in a room not disturbed by the city traffic and with bench space for using and demonstrating test equipment and projects. We could use a room where we can establish a permanent club station which can be opened for public inspection thereby creating more interest. Also I think our club would eventually become a closer knit group if we had the facilities for refreshments and a bit of a ragchew after the meetings as well as for social get togethers.

If we can but achieve this aim, an increase in interest activity and membership would be the result.

VISITORS:

Herb VK4JW from Charters Towers attended our February meeting and made eye ball QSO's with some old and new friends. Paul VK4ZBV from Brisbane (formerly VK9ZBV) spent two weeks working in Townsville and attended our meeting.

ON THE GRAPE VINE:

Charlie VK4BQ and Evie VK4EQ were out working mobile with Peter VK4LU and while travelling along the Southern Highway Charlie decided that it would be a nice day to run out of petrol miles from nowhere.

I had thought that this trick was worked out but it seems that it still comes in handy even after many years of marriage.

Have heard that Frank VK4FN is on transfer to set up his QTH at Brandon.

CLASSES:

Following the 1968 classes, three candidates sat for the February examinations. They were Margaret Long, Doug Snell and Howard Simpson and we hope that they were successful.

Doug has obtained an AR7 and is short of some coil boxes can anyone help?

1969 classes commence on Saturday morning 8th March, 8.30. a.m. at 4TO Auditorium.

The classes have been advertised in the local paper and will be advertised in the March issue of "Electronics" and it is to be hoped that, as a result, we will have some extra class members.

V.H.F. NEWS:

The main activity during the month was the 2 metre hidden TX hunt conducted after the Annual General Meeting.

Some 17 members and friends distributed themselves among 6 cars, while at the TX site was Peter VK4ZPL and Paul VK4ZBV (formerly VK9ZBV). Receivers ranged from simple super-regens to the more technical cascode converters. Antenna construction ranged from $\frac{1}{4}$ wave whips to 4 element yagis.

While Lance VK4EX had the most elaborate mounting arrangement for his beam, Ross VK4RO took first place for height. After some difficulties all cars finally arrived at the site which was located on the southern bank of Ross Creek in South Townsville. All who participated voted it an outstanding evening and are looking forward to the next one. The night finished with many having refreshments at a local all night road cafe.

The next mobile venture will be the 6 metre 53.032 MHz foxhunt to be held after the monthly meeting on 6th March.

There has been no sign of northern DX to date, although this time last year signals were quite plentiful. For those interested in working or listening for JA stations on 6 metres the logical time to listen is around 1330 - 1500 and 1900 - 2200 hrs. E.A.S.T. However it is possible for signals to be heard at other times, but the above hours are most common.

Southern DX was poor this season, but the occasional opening is still around. Openings to southern states were recorded on the 1st and 12th February at this QTH. A solid opening to Brisbane on the 1st resulted in only two contacts. Both stations were 5x9+ but the big monster keeps many off the air. Many southern stations are now using S.S.B. mode.

V.H.F. NEWS: (CONTD.)

On the local scene many stations operated on 53.032 during Sunday morning from 0800 - 0900 E.A.S.T. Two metre activity is mainly confined to this period.

73's BOB VK4ZRG

P.S.

6 metres opened to JA on Saturday night 22nd February 1969, from 2030 to 2200 hrs. The first opening in 1968 was on 9th February.

...ooOoo...

INCOME AND EXPENDITURE ACCOUNT

For the year ending 31/1/69.

<u>EXPENDITURE</u>		<u>INCOME</u>	
1968 W.I.A. Subscriptions	3.50	1967 Bank Balance	111.66
Q.S.L. Bureau	3.00	1968 Bank Interest	4.35
Radio Club Licence	2.00	Petty Cash On Hand	1.42
P.O. Box P.M.G.	3.00	Club Subscriptions	50.00
Building permit	7.30	Tubing to W.I.A.	100.00
Wreath (Doelle)	4.00	Tubing to Club Members	25.80
		Donations Club Members	1.60
<u>PETTY CASH PAYMENTS</u>		Donations Coca Cola	
Advertising	6.25	Bottlers	80.00
Stamps	2.17		
Nett Surplus (t/f to			
Accumulations Account)	343.41		
	<u>\$374.83</u>		<u>\$374.83</u>

31/1/69

BALANCE SHEET

<u>LIABILITIES</u>		<u>ASSETS</u>	
Accumulation Account	\$343.41	Bank Bank Balance	\$343.41
	<u>\$343.41</u>		<u>\$343.41</u>

R.L. GRUMMITT
Treasurer.

THE ANNUAL REPORT OF THE TOWNSVILLE AMATEUR RADIO CLUB

I have pleasure in submitting the report for the year ending February 1969 covering the activities of the Townsville Amateur Radio Club.

The objects of this club are threefold and during the year we have fulfilled two of them and taken steps towards the third.

This latter one, which is to provide club rooms, was investigated and much time and effort was put into this by some of our members as well as non members. In particular our thanks go to Mr. McNamara for the design of the building estimated to cost \$1000 and to the Lions Club for their promise of assistance. However the requirements of the Local Authority for this site were beyond the present means of the Club and we unfortunately ~~had to abandon~~ the project. Needless to say we are on the lookout for another location.

The other objectives of the Club have been more successfully achieved.

Membership - This has remained at a steady 25 twenty five.

Funds - These have increased and thanks go to those who purchased aluminium tubing and to Coca Cola.

Constitution - I can still hear the sighs every time this was introduced to the meetings but my thanks go to those who bore with it with the result that the Club now has a comprehensive set of By-laws.

Education - A.O.C.P. classes have been capably conducted by Lance VK4EX with at least five successes. Lectures have been given at Club meetings and visits paid to O.T.C., D.C.A. & TNQ 7 .

QSL Service - This has been very well run by Richie VK4ZRS.

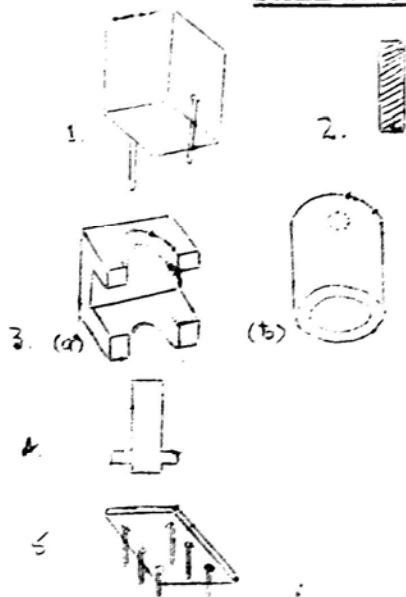
Publicity - Valuable publicity has been obtained in local newspapers and on radio and TV from Evies appearance on TV , from the Jamboree on the Air and other occasions. This month saw the first issue of our newsletter "Backscatter" produced by George VK4GS and associates and I feel that this publication will do much to promote the Club.

Social - The end of year picnic held at Maccrossan was most enjoyable and those who missed it missed something different in picnics. More of this type of outing combined with mobileeering will strengthen the Club.

In conclusion I would like to thank all office bearers and members of the Club for their assistance this year.

Bill VK4XZ recently obtained information on coil formers, slugs, ring cores etc., from the suppliers Neosid Ltd., 23 - 25 Percival Street, Lilyfield, N.S.W. 2040. Part of this information is reprinted below and anyone requiring further information may contact Bill.

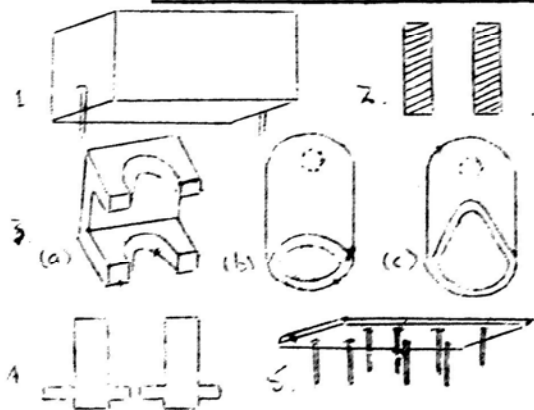
SCREENED ADJUSTABLE ASSEMBLY TYPE "A"



1. Aluminium Can Type 7100 (5"x5"x.725")
2. Screw core type F16 from .5MHZ to 10MHZ
F29 from 10MHZ to 200MHZ others also available.
3. (a) Yoke core 4401 or
(b) Cup core T31 or 1070 (The grade of ferite depending on frequency) These are optional.
4. Former type 722/1 bakelite or pleystyrene
L 14mm, Ext. dia. 4.83mm int. dia. 4mm
5. Base type 5027/PLD with either 4,5 or 6 lugs.

The data shows a Q of 110 to 200 is typical

SCREENED ADJUSTABLE DOUBLE TUNED TRANSFORMER ASSEMBLY TYPE "B"



1. Aluminium can type 7300,
2. Two screw cores,
3. (a) Two Yoke cores 4401,
(b) Two cup cores 1070,
(c) Two cup cores with partly opened wall 1073. (the grade of ferite depending on frequency),
4. Two Formers type 722/1,
5. Base type 5200/OLD with 6 or 8 lugs.