



Bulletin issued by the Northern  
Branches of the Wireless Institute  
of Australia, Tasmanian Division.

August 1978

Vol 8 No 5



AMATEUR

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Launceston

Tas. 7250

RADIO

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#### MEETINGS

- Aug. 2 Southern Branch - SES Rooms - Melville St. Hobart  
Sept. 6 8 p.m.
- Aug 11 Northern Branch - Clubrooms - 34 Bourke St. Launceston  
Sept. 8 7.45 p.m.
- Aug 8 NorthWest Branch - Laskins Hall - Ulverstone  
Sept 12 8.00 p.m.

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QRM COMMENT

This month QRM is going Statewide; we welcome all our Southern readers and hope that this move will further the Amateur Radio cause within our island. For a small island we seem to lack cohesiveness as amateurs, perhaps this Journal can draw us closer together - Southern members can send articles, tit-bits, news, etc. through Micce VK7MC - P.O. Box 52, Sorell, 7172 - Phone bus. 306175.

Elsewhere in this issue is a page which can be removed, signed, addressed and then despatched via the P.O. regarding channel 5A - All the work is done - NOW in case you think channel 5A will go away all by itself, the problem is being perpetuated even further by the fact that a channel 1 translator will come into service on the north coast shortly - more problems! So get that letter off to your MP.

Still one or two circuit boards left for the PLL AFSK generator - see the Northern Branch store.

Because of the extra workload involved in QRM it is now necessary to get more organised. From the September issue there will be a "packing night" at the Northern Branch Clubrooms - Monday, September 4th - we would like at least six members please - Also required a volunteer (per month) to address labels - I'll arrange the September issue - thereafter names please!

Please support the Ladies Committee - they are doing it for our benefit - see article inside.

Finally, if there is an article you would like to see in QRM - let us know - a short note, or phone call will do the trick.

\* \* \* \* \*

NEWS FROM DOWN UNDER (i.e. SOUTHERN BRANCH NOTES)

Thirty-seven people were present at the July meeting held at the S.E.S. rooms, at which

Paul Wagner VK7NCA

Eric Baynes VK7BB (ex VK7ZBB)

and Henry Vanderstaay - Associate

made application for membership.

Correspondence from the State Library advised on the range of books on Electronics and Amateur Radio held in the Reference section and on the periodical stands. Among these are A.R., Q.S.T., Electronics Audio & Electronics Today. Many periodicals are also held in archives - next floor up for example - QST as far back as 1939!

The Southern Branch is also subscribing to Ham Radio and copies will be available for hire through the Secretary or Equipment Store.

Andrew VK7AW was nominated as our representative on the S.E.S. Disaster Communications Planning Committee.

T.A.R.C. - Hamfest is a goer at the Mt. Nelson College of Advanced Education - November 4th - 5th.

Any reports of illegal users of Repeater 2 should go to the P & T Liaison Officer, VK7ZZ and the Repeater Committee.

A wine bottling night is to be held at the QTH of VK7RR on Saturday 5th August - BYO bottles.

Moselle  $\frac{1}{2}$  doz. lots - \$1.00/bottle

Port - single bottle - \$1.50/bottle

Contact 7AW for further details.

Dick VK7ZDF will soon be leaving us and Lionel Dumenil is to take over as Treasurer.

Offers of assistance for the Jamboree of the Air were received from 11 people.

Discussion on QRM resulted in 7 MC being nominated Co-Ordinating Sub-Editor for the South with offers of articles from 7ZDC, ZPA, BD and ZDF.

The possibility of a 10 M re-broadcast was discussed and VK7ZZ is to take it up with P & T.

de

Andrew VK7ZAJ

\* \* \* \* \*

DX NOTES by Col VK7LZ

Following the normal winter pattern most of the better DX is being worked during daylight hours. However, due to high solar activity conditions have varied day to day, although 14 mhz has still carried a lot of the DX load 21 mhz has improved considerably particularly to Africa and it is rare indeed not to hear a 25 or ZE of an afternoon local time, Due to limited listening time 28 mhz has been neglected, however, other DXers have not reported anything exciting. 7MC has come to the rescue with some news that proves 7 mhz to be still worth watching.

"Break in" this month gives a list of the new prefixes to be issued by the FCC for the US possessions - these are: Pacific area: Canton Islands KH1; Guam KH2; Johnston Is. KH3; Midway Island KH4; Kingman Reef KH5K; Palneyreu KH5; Hawaii KH6; Kure KH7; Samoas KH8; Wake Island KH9. Caribbean area : Navassa KP1; Virgin Islands KP2; Serrana Bank KP3; Puerto Rica KP4.

Several new prefixes will also be heard from the US mainland in future.

EXPEDITIONS - Mellish Island - Due to the slow voyage from Sri Lanka of the vessel being used for the trip, the slant of operations will be at least a fortnight later and could now commence late September.

Sable Island - VE1AZ advises that no activity is planned this year.

Kermadec Island - ZLZBJU/K will be active from the above location until 15th August.

Mt. Athos - Don't overlook any station using the SY1 prefix on SV1 plans to activate Mt. Athos in the near future.

Navassa Island.- Scheduled start of operations is 27th November.

Chatam Island - 27th October until

Marcus Island - KA1NC is at present active from here and could be on the island for some time.

VK7MC worked the following stations on 7 mhz CW between 1900Z and 2200Z. DK8GD, DL8AN, DL7AN, DM3OAA, G3JKF, G3XKQ, G3KOC, G6HL, G4AK, OZ5DL, OH5UQ, SM2CBS, UA1DZ, UK2EC, UB5QGE, 4K1A. On 14 mhz SSB prefixes copied include the following: CN8, CT2, CT3, DM, EA6, EA8, FB8Y, FB8Z, FP8, GJ, GU, H4, KC4, KG4, LX, M1, P2, UA, UB, UC, UL, VR1, VR3, VR8, YJ8, YS, ZL/K, ZS, ZS3, 5W1, 7X4, 9G1.

14 mhz CW ZD7WT made many VK7's happy.

21 mhz SSB, DL, D68AD, H44ZZ, UK9, UL7, VKQGM, VO1LX/SU, VE's, ZE's, ZS's, 3D6BP.

21 mhz CW ZE, ZS.

28 mhz CW HMOX.

QSL INFO D68AD via G3RWU or direct to:

Box 15  
Moroni Grand Comoro Is.  
Republic of Comoro.

EL2BS via K9QXY. 5U7AG via K1VSK. YJ8KW via K6K11. VO1LX/SU via VE31W1. 3D6BP via K1AGB or W1OX. H44ZZ Box 654, Honiara, Solomon Islands. H44LW Box 19, Honiara, Solomon Islands. GU3HFN Box 100 Guernsey, Channel Islands.

\*\*\*\*\*

#### OSCAR NEWS

VKQGM is now operating on mode B on Oscar 7 and is either operating - or soon will be - on mode J on Oscar 8.

VK7DK has also returned to Oscar activity after a lapse of several years.

\*\*\*\*\*

#### VHF NEWS

VK4ZNC sent 1C 502 and linear to FK8AB who is now looking for VK's - he monitors 52.050 mhz. This should create more activity on 52 this year.

\*\*\*\*\*

SHACK CLEARANCE AT JOE'S VK7JG PHONE 443882

6 up two meter converter c/with 45mhz XTAL 52mhz if \$20.00  
6 up two meter converter tuned to cover aircraft band with broadcast band as if. No crystal \$15.00.  
Sideband electronic 27 mhz rig \$60.00.  
432 mhz home brew transverter complete with 5 amp power supply coax relay 28 mhz if receive converter using two AF239 RF amps as per VHF comm. Transmit section not operating. \$65.00.  
Copal digital clock 24 hr. \$12.00.  
FT101B c/with C.W. filter and G3LLL R.F. clipper \$650.00.  
Eddystone receiver model 750 500 khz to 32 mhz product detector built in ideal SWL receiver variable if bandwidth separate if RF and AF gain controls noise limited and BFO external S meter and speaker \$240.00.  
Two meter 11 element YAGI (KLM) c/with Balun \$45.00.

\* \* \* \* \*

VHF NOTES by Joe VK7JG

Once again very little has been happening although there have been a couple of openings on 6 metres, but for rather short durations on 25/6/78. Worked VK2BQJ at 2330 on 26/6. Graeme VK2ZZV rang to say that VK7RNT was 5/9 in Sydney and would appreciate a contact. This is one disadvantage of a beacon especially when you have been asleep for over an hour. Again on Sunday 9/7 at 1130 local Linsey VK4ALM popped up just long enough to exchange reports of S/2-5/6 and then disappeared. Since then have monitored S2.050 almost every day but heard nothing. TV CHØ has been watchable on many occasions but no stations worked. I cannot report on 2 metres VK7DK has been using it for the past month and became the second VK7 to work VKØ on Oscar 7 mode A.

73 es Joe

\* \* \* \* \*

GELSTON COMMUNICATIONS

Agents for VICOM- - EMONA - ELMEASCO - RL DRAKE - PLESSEY ELECTRONICS -  
SCALAR AERIALS.

See AR for items sold - 6 + 2 metre whips in stock.

For prompt and efficient service - see Joe Gelston. Phone 443882.

\* \* \* \* \*

FOR SALE

YAESU 301D-200W Digital transceiver - 3Ø1 D power supply with digital clock etc. 3Ø1 VFO (unused) all hardly used \$1200.

"Europa B" 2 metre transvertor - all mode - plugs into YAESU equipment - mint - \$150.

See Joe - VK7JG

\* \* \* \* \*

SIMPLE COMMERCIAL KILLER

by Wally VK7ZWX

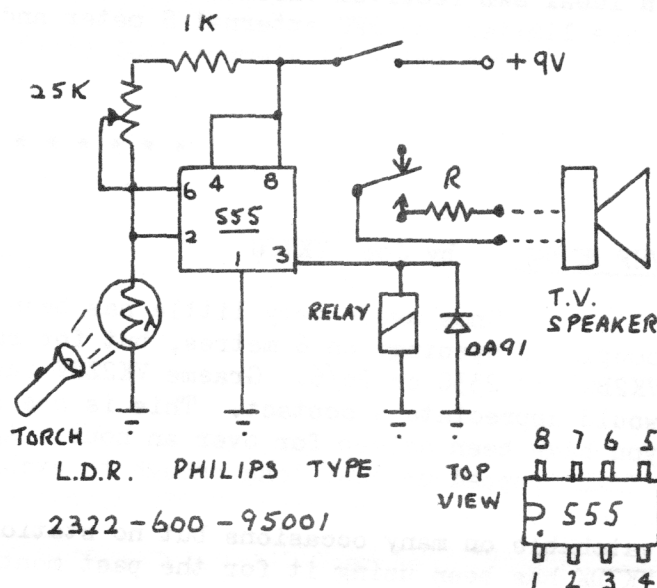
You may have noticed that, at times, certain TV programmes have an audio level which is quite low compared to normal. The practice, in order to hear the programme is to turn up the volume on the set to a comfortable level. Usually it is found when a commercial comes on, the level is loud enough to be quite annoying. The following circuit will drop the TV sound level to an acceptable loudness without having to leave one's comfortable chair. (The circuit can be adapted to other uses too ... the only limit upon the applications is one's imagination.)

Circuit Description

The commercial "killer" uses a NE555 timer IC as a schmidt trigger. A cadmium sulphide cell, (Light Dependent Resistor L.D.R.) with a light resistance value of about 300 ohms and a dark resistance value of about 5 ohms is used as the control element in the circuit.

Mode of Operation

The L.D.R. is placed in a position where it can be illuminated by a torch from somewhere in the room. The 25k pot. is then adjusted to operate the relay, thus "killing" the sound when the beam of the torch illuminates the L.D.R.

Components Used

The choice of relay is not critical, however it must be stressed that the maximum current drawn by the NE555 be less than 200 mA. A good way to choose the relay from the junk box is to connect it across a 9 volt battery and measure the current drawn. If the relay will operate in this test, it will work in the circuit.

The value of the resistance R which is shunted across the TV speaker to drop the output volume is determined by experiment. Start off with a high value, say 15 ohms  $\frac{1}{2}$  watt and work your way down, increasing the power rating of the resistor as you go.

Precautions

One precaution should be stressed. This method of reducing the output of a TV set is by way of "rute force" and as such should only be used with a valve type set. If the TV is a transistorised type, the relay should be used to control another part of the audio amplifier circuitry.

\* \* \* \* \*

"SCENE AND HEARD" by Earwig

One invaluable aid that I have found in SWling is the World Radio TV Handbook. This book lists all the current radio and television broadcasting stations throughout the world, and is a must for the serious Dxer. With the aid of this handbook, it's possible to identify foreign language programmes as well as providing programme and frequency information. It also has a supplement at the back with tips to the Dxer, such as antennas, digital frequency counters, clandestine broadcast information, etc. It is priced at \$12.95 at most reputable bookstalls and is well worth the money invested.

Did you hear the Israeli Radio from Jerusalem with their Russian language programmes at 0345z on 15435 khz? No, I would not be surprised. Hardly had the Interval Signal finished when a host of "jammers" opened up on the frequency and virtually wiped the Israeli off the air. Since the trial of the Soviet dissidents, it is noticeable that "jammers" have increased particularly on programmes beamed to the Eastern Bloc.

Also according to the WRTH the USSR has over 250 transmitters in service for broadcasting on Short Wave alone! You will also have noticed that there is very little difference between the various external outlets despite their different calls. Take 12060 khz for instance. From 0200 to 0250 Radio Kiev broadcasts and then Radio Moscow is on in Spanish, then its radio Peace & Progress in English until s/off at 0500. And not once did the transmitter break signal.

While we are on Russians - listen for Vladivostock on 4040 Khz at 1030 z. It carries its own programme at this time for 30 minutes before switching to the "Mayak" network. Sinpo Reading 44344.

The Solomon Islands recently gained their independence. Honiara was logged on 5020 khz at 1100 with a news programme. Its Sinpo reading was 55334.

Radio RSA, the Voice of South Africa was monitored here in Launceston with the programme "Good Morning Africa" at 0630. It is on 17780 at quite reasonable strength. Also coast station ZSJ in Cape Town was logged on 17130 at 0625z.

Well, that is all for this month, until next time, 73 es good listening.

\* \* \* \* \*

LADIES PAGE

In response to our questionnaire some time ago in which members indicated their preference in social functions, the Ladies' Committee is pleased to announce that they have arranged a WINE AND CHEESE EVENING on 23RD SEPTEMBER, 1978 at McINTYRE HOUSE, PARK STREET, LAUNCESTON. Cost per single ticket will be \$5.00 and tickets will be available at the next meeting in August, and also at the September meeting, from any spouse of the Ladies Committee members. There will be a limit on the number of tickets so do get in early for what promises to be a most enjoyable evening.

Dorothy Noble from Hobart wishes to know if there are any ladies from the North or North-West who would be interested in setting up a stall of any kind (e.g. food, arts and crafts) for the November Hamfest, to be held at the T.C.A.E. Mt. Nelson. Here is a chance for people to exhibit their talents, and if you are

interested, could you please let me know by phone or mail as soon as possible, as Dot would like to know definitely within the next few weeks.

Ladies' Committee members please note !!! Next meeting is on Tuesday 19th September, at the home of the undersigned, starting at 4.00 p.m. Any other ladies wishing to attend to offer ideas, practical help, or just plain moral support, would, of course, be most welcome.

Cheers,

Diane Yeoman 441466  
10 Reid Street  
Launceston. 7250

\* \* \* \* \*

COMING ATTRACTIONS - NORTHERN BRANCH MEETINGS

AUG: How to build 100,000 amp Power Supply - Mr. Brian Midgley from COMALCO.  
SEP: How to work DX - by Col VK7LZ  
NOV: History of Communications in Tasmania - Mr. Ken Wilson, Supervising Engineer - Telecom.

\* \* \* \* \*



J. D. ELECTRONICS

64 Wentworth Street,

NEWSTEAD



Suppliers of Yaesu Amateur equipment, Test Gear and all Accessories. Antennae and Fittings. Novices check us now for a really good deal.



A.T.V. - SIMPLE AS ABC

Although several Vidicon fast scan camera circuits have been published in recent times, on investigation, none of these really filled the bill as far as my requirements were concerned.

This circuit is not over complicated, but has had many modifications over two or three years to enable it to be easily duplicated with readily available components.

Some of the circuitry was originally based on a camera described by W8TYY but this had some drawbacks. WA8RMC described an excellent high quality camera recently in "Ham Radio" but unfortunately this circuit required + and - supplies of up to 45 volts. I desired something in between that could be run from a 12 volt supply for portable work, such as field days, etc.

Another useful point in this design is that the scanning oscillators are driven from a crystal locked syne pulse generator, and a separate processing amplifier is used to enable the use of inbuilt test signals derived from the tuning source. In later articles I will give information on winding yokes and coils suitable for common one inch Vidicons such as 7735, 7038.

As this camera is built mainly on three circuit boards, I will briefly describe the horizontal board first.

This consists essentially of a unijunction oscillator, TR1, and buffers TR2 and TR4, which in turn drive the output stage TR3 and the HT generator TR6. The line output stage must be a high voltage type as it delivers about a 100 volt pulse 10 us wide to the line deflection coils. This stage gave trouble earlier with transistors suffering secondary breakdown, but is no problem with the types shown. The result is a sawtooth current waveform in the yoke. R2 is a width control. L1 can be a commercial horizontal oscillator coil on a small pot core (about one inch diameter) but is not very critical; inductance about ten milli-henrys.

The pulse from buffer stage TR4 passes through several shaping stages then to the output stage TR6, an NSD 102. The HT transformer from another design was a pot core type FX2240, but these were unobtainable. The one used eventually did not have any number on it but was about one inch diameter mounted on a square base of fibre board. There was an adjusting slug in the centre. This one apparently came from an audio filter unit so any audio type should work OK. The small neons are similar to the ones fitted as indicators in power points and in series provide regulation at about 290 volts for the Vidicon electrode voltages.

Since commencing this design some I.C.'s have become readily available such as 555 timer, which would be used possibly to advantage in the timing oscillators.

To be continued - 73 Bob VK7ZRF

Ref: QRM TV Systems - VK7ZMM

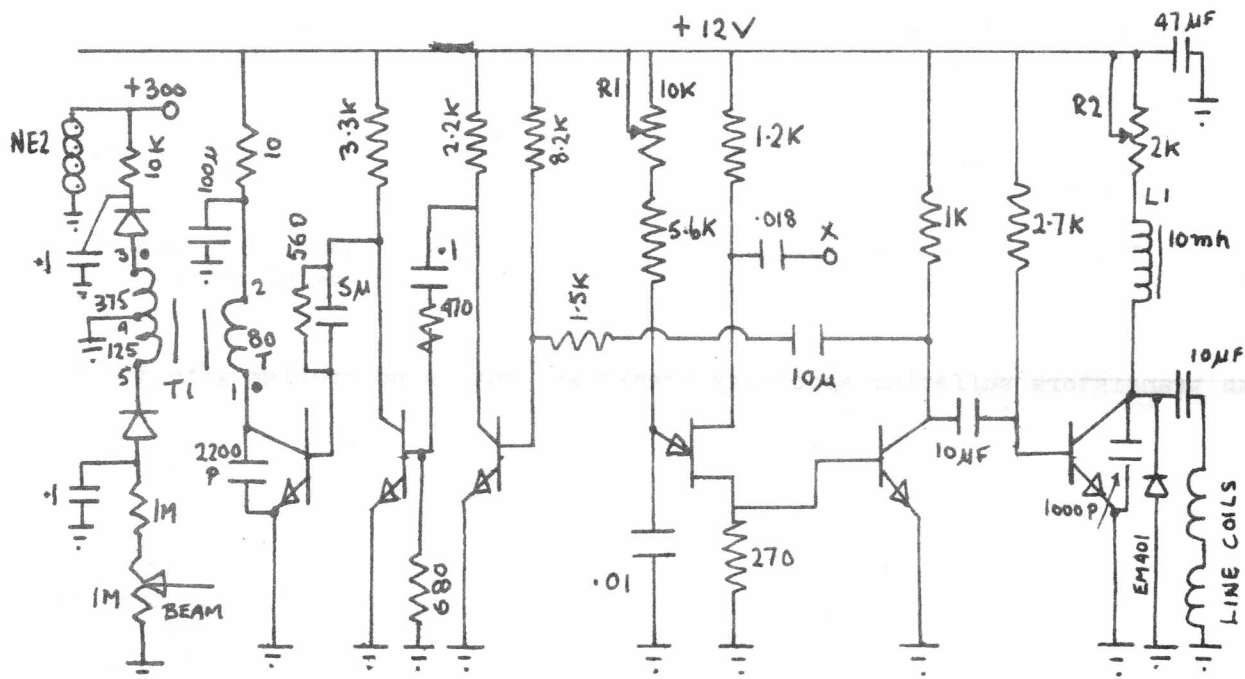
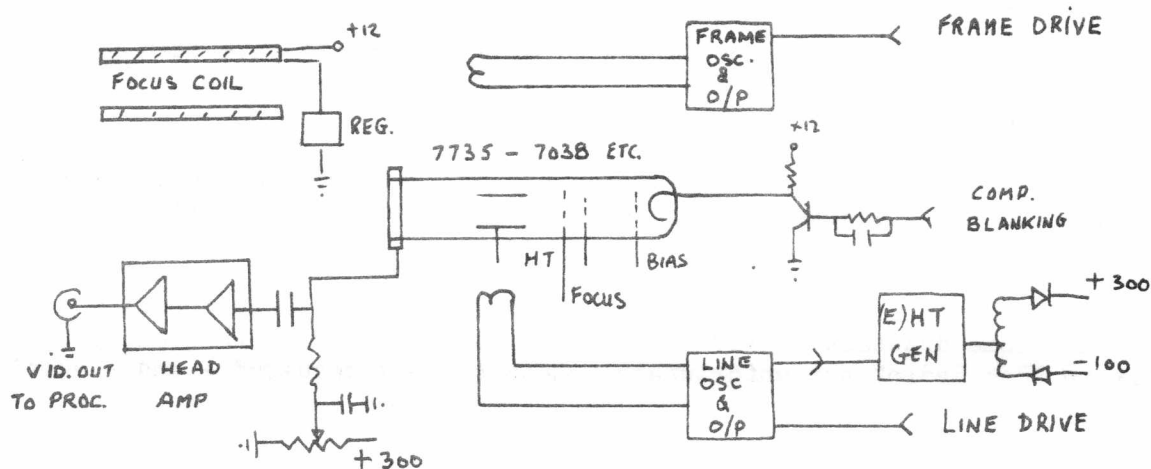
QRM July '74

QRM August '74

"Ham Radio" Jan '78

"Ham Radio" Sept '77

## BLOCK DIAGRAM VIDICON CAMERA



T1 :  
40 SWG

TR6  
NSD102

TR5  
BC  
108

TR4  
BC  
108

TR1  
2N2646

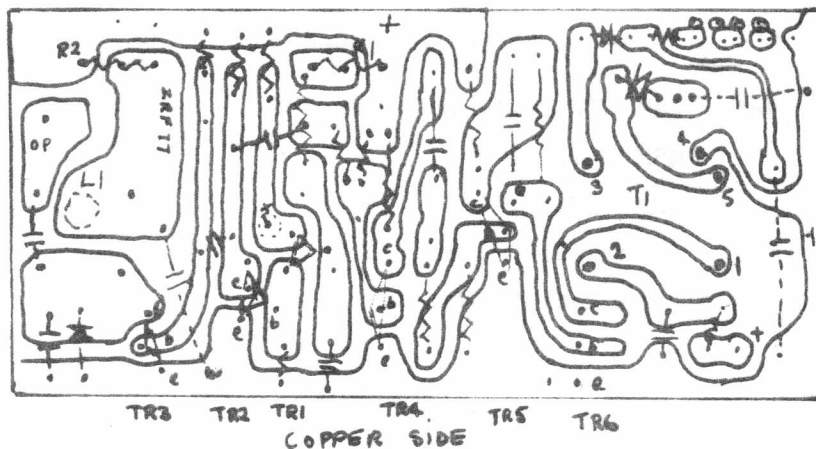
TR2  
BC  
108

TR3  
BF337  
2N498

DIODES 400V  $\frac{1}{2}$ A

X LINE DRIVE 1/P

LINE T.B.  
LINE O/P  
ENT. GEN.



NORTH WEST BRANCH NEWS

BY JIM VK7NOW

The July meeting of the branch was held as usual in Lakin's Hall, Ulverstone, and despite very wintry conditions, we had another good attendance.

VISITORS: Allan Simpson of Sulphur Creek was welcomed by all. Allan will no doubt be heard on the air after the August Exam. He obtained almost perfect passes in Theory and Regs in the previous Exam but missed out on CW- which is amazing because Allan can copy 10 wpm easily when CW is sent correctly.

MINUTES: of the previous meeting were read by the Secretary and passed by all members.

INWARD CORRESPONDENCE: A letter was received from Bob Jordan VK7JR of King Island. Bob remitted his fee for QRM, AR, and etc. and gave some details of his equipment, antennae etc.

OUTWARD CORRESPONDENCE: None.

TREASURER'S REPORT: Ivan VK7NOA/ZOA gave the meeting details of Receipts and Expenditure. The branch finance situation is very sound.

COUNCIL: Paul - VK7ZPB advised among other matters of a Raffle in aid of T.A.R.C. 1978. Several excellent prizes are offered. Paul made good sale of tickets after the meeting as the raffle ticket selling time ran out on last Saturday.

Paul also advised that a complete set of Display material is being obtained for this branch.

GENERAL BUSINESS: Our Chairman advised of the availability of a number of photocopied letters to Mr. Staley regarding Channel 5A. He hoped that these would be sent of post haste to his office, thus building up lobby which is required to have this matter totallt reviewed.

T.A.R.C. 1978 will be held during the long weekend in November. Three venues have been discussed. The Southern Branch is waiting the outcome of negotiations and will advise as soon as they can which venue. The Southern Branch would like a good attendance from the North and North-West.

ACTIVITIES: Officers Shane and Stephen advised that next meeting would be given a talk on the forthcoming "R.D." contest by Max VK7MX. With the wealth of experienced gained over years of "R.D.'S" the information will be well received.

Shane asked that all members take part in the "R.D." contest. If every member submitted a log it would help VK7 towards a win this year. Last year we missed out by only a few contacts, maybe just one extra log.

JAMBOREE OF THE AIR: It was suggested that a Scout and Guide camp be set up this year and contacts be made from these sites. One site was suggested at Gowrie Park and the Guides have offered their site at Myalla for this function. The branch was asked to provide operators for both sites - including Full Calls, Z Calls and Novices.

NOVICE CLASSES: The Novice classes are proceeding well. Seeing that around 50 applicants from the Coast could be sitting for the next Novice Exam, it seems pointless having to travel all the way to Hobart when applicants for a Full Call can sit at any suitable Post Office. With this in mind, our Chairman is going to contact P & T Dept., to see if this Exam can be held in the Burnie Technical College.

Q.R.M.: A request from our Sub-Editor for Articles, Drawings, circuits, tips, experiences would be most useful to all readers. Address is Mrs. J. Fudge, 22 Elliott Street, West Ulverstone, 7315.

NEW MEMBERSHIP: Ross MacKenzie was accepted for membership with the Institute.

A.R.R.L. HANDBOOKS: It was advised that 80 or so of these books will be available soon. Price \$3.

APOLOGIES: Were received from the following members;  
Harold - VK7MZ; Max - VK7MX who is trying to shake of a severe cold, probably got will babysitting the neighbour's lamb.; Bill VK7AK, who we understand has gum boils, (too much Rag Chewing the cause ?) Ray VK7ZRG - shaking of a cold too.; Harry Cumpsey of Burnie.

CLIFF - VK7CD gave a most interesting and enlightening talk on his work on SSTV, illustrating it with large drawings. The talk was well received by the meeting and, because of the fact that with SSTV, one is dealing with Audio Tones ranging from 1500Hz to 2300 Hz, which are fed into the Mic input circuit, we should soon see Novices taking up SSTV with the same enthusiasm that they have populated the 10 metre Band. At the close of the talk Cliff told members that he had retired from work and was moving to the Sunshine State, VK4 land. Cliff was farewelled by all members who wished him bon voyage.

#### NEXT MONTH:

Jim VK7NOW is preparing a serialised article for QRM with acknowledgement to A.W.A., New York (Antique Wireless Association). It is called the "RJ4 DETECTOR MYSTERY " and makes fascinating reading, in fact so much so that it has not been in any Australian Roadio Journal. The series deals with the introduction of the TRIODE (from where are hobby emanates) and mentioned three famous names, - WALLACE, Dr. LEE DEFOREST, and E.H. ARMSTRONG. It blows "sky-high" the story that DEFOREST designed the first AUDION (TRIODE) Also illustrated will be a photocopy of the ORIGINAL TRIODE DETECTOR CIRCUIT as used by WALLACE, 2 years before DeForest the photocopies of the original circuits as used by these 3 pioneers will also be shown.

This winds up our notes for this month, so in the meantime, cheers and keep your antennae in the right direction,

VY 73, JIM VK7NOW

STATE NEWS

In order to save duplicated effort the Northern Branch has agreed to supply their Bulletin, 'QRM' to all VK7 WIA members. This obviates the need for the 'Bulletin' insert in 'A.R.' and means that news will reach you sooner. Financial arrangements are yet to be finalised however it is likely to be to everyone's advantage. Thanks to the Northern Branch, particularly Editor John VK7CCC, for their cooperation and it is hoped everyone will assist with news and articles to ensure state-wide representation.

Council reporter Reg Emmett, VK7KK

COUNCIL MEETINGS

A full attendance at June's Hobart meeting and July's at Devonport. Ian VK7ZIE and Kirby VK7KC were visitors at July's meeting. Amongst matters discussed;

Personal contact with members whose subscriptions are outstanding has resulted in only very few non-renewals. Comparison of Repeater standards; Channel 5A problems; encouragement of RD Contest operation; replacement of Bulletin, QRM backing and progress on new Northern Branch Box number were mentioned.

Council is investigating an insurance cover for members, particularly when involved with Emergency Communications. Both a personal accident/ medical cover and a public liability policy is likely to be purchased.

The problem of collecting suitable publicity display material was discussed and work has started on organising permanent display material. The need for this was emphasised following a request from the N.C.R.A. for a publicity exhibit at their Convention at Wrest Point from September 1 - 4. Council are to support this request and also arranged to forward a written publicity article for their Convention hand-out. Anyone who can assist in setting up this display would, of course, be welcome.

It was confirmed that Brian VK7RR and Andrew VK7AW will attend the Emergency Communication Seminar on 19-20 July and their expenses covered.

The North West Branch was given permission to use call VK7WI for the RD Contest.

The method of handling new member's subscriptions has worried us for some time. A suggestion which might reduce handling has been made to Federal Executive and this involves us refunding a members' surplus subscription rather than it sitting in the bank as at present. July's transactions;

|        |           |       |          |                           |       |
|--------|-----------|-------|----------|---------------------------|-------|
| Income | New subs  | \$223 | Outgoing | Alt. Fed Council Expenses | \$111 |
|        | From F.E. | \$163 |          | To FE pro-ratas           | \$324 |
|        |           |       |          | Engrave Athol J. Trophy   | \$ 13 |

Balance \$1104

F.E. asked for comments on RTTY identification and a submission detailing problems with CW idents forwarded.

NEXT COUNCIL MEETINGS August 19, 2 pm VK7PF residence, Launceston

September 16, 2 pm VK7ZZ residence, Hobart

NEW MEMBERS

Welcome to the following;

|              |                     |                   |        |                             |
|--------------|---------------------|-------------------|--------|-----------------------------|
| B.R.R. Young | Hobart              | D. Purton         | VK7NDP | North-West                  |
| B. Fraser    | Hobart              | H. Cumpstey       |        | North-West                  |
| H. Ochsner   | VK7NHO Howrah       | J.S. Gray         |        | Deviot                      |
| G. Breaden   | VK7NGB Lenah Valley | J.R. MacKenzie    |        | Somerset                    |
| A.C. Simpson | Launceston          | B.E. Baynes       | VK7BB  | Ferntree                    |
| A. Brown     | Launceston          | K.M. Black        |        | Rokeby                      |
| F. Morse     | Launceston          | K.J. Nesbit       |        | Launceston                  |
| A. Sherriff  | VK7NWS Mowbray      | H.A. Van der Stay |        | Lenah Valley (form. PA0PKB) |
| L. Bassett   | Perth               | P.D. Wagner       | VK7NEA | Moonah                      |
| R. Legge     | Launceston          |                   |        |                             |

SIX METRE BEACONS

With the possibility of a beacon in Hobart a reorganisation of frequencies to fit the band plan seemed necessary. Hence Launceston's beacon will eventually operate on 52.470 MHz and Hobart's on 52.475 MHz.

NEW CALL SIGNS

The following are new call signs issued to June 1978.

|        |                  |                                                                      |      |
|--------|------------------|----------------------------------------------------------------------|------|
| VK7BS  | Sampson B.       | 31 Joynton St., New Town                                             | 7008 |
| VK7DL  | Logan D.C.       | 24 Waverley Ave., Lenah Valley                                       | 7008 |
| VK7DS  | Baldwin D.R.     | 54 Beach Rd., Kingston Beach                                         | 7151 |
| VK7KC  | Cunningham K.D.  | 27 Hogg St., Wynyard                                                 | 7325 |
| VK7RE  | Renton A.R.      | 51 Penquite Rd., Newstead                                            | 7250 |
| VK7RP  | Pearson R.D.     | 55 Friend St., George Town,                                          | 7253 |
| VK7SL  | Dumenil S.L.     | 62 Windsor St., Glenorchy,                                           | 7010 |
| VK7ZAF | Fraser A.M.      | 12 Luck St., Launceston                                              | 7250 |
| VK7ZFP | Fudge O.P.       | 20 Elliott St., Ulverstone,                                          | 7315 |
| VK7ZSU | Morgan S.E. Mrs. | 12 Avondale Gr., Mt. Nelson,                                         | 7007 |
| VK7ZTX | Davidson D.P.    | 2/239 Lenah Valley Rd., Lenah Valley,                                | 7008 |
| VK7NAD | Chadderton D.    | 4 Polaris Pl., Geilston Bay.,                                        | 7015 |
| VK7NAT | McKercher A.S.   | 6 Stieglitz St., St. Helens,                                         | 7216 |
| VK7NCD | Cooper D.J.      | Station; House 3, Hobart Airport,<br>Postal; P.O. Box 212, Bellerive | 7018 |
| VK7NDA | D'Alton H.T.     | 9 Culloden Ave., Moonah                                              | 7009 |
| VK7NDH | Hildyard D.P.    | 25 Rosny Espl., Rosny,                                               | 7018 |
| VK7NEB | Marthick B.H.    | 12 Dallas Crt., Smithton,                                            | 7330 |
| VK7NFF | Collinet F.B.    | 34 Penna Rd., Midway Point,                                          | 7171 |
| VK7NGB | Breaden G.M.D.   | 36 Rosehill Cres., Lenah Valley,                                     | 7008 |
| VK7NHO | Ochsner H.       | 19 Silwood Ave., Howrah,                                             | 7018 |
| VK7NLC | Cherry L.J.      | McKenzies Rd., Leslie Vale,                                          | 7100 |
| VK7NPK | Floyed P.A. Mrs. | 3 Anulka St., Howrah,                                                | 7018 |
| VK7NPR | Dowd P.J.        | 69 Kellatie Rd., Rosny Point,                                        | 7018 |
| VK7NPV | Vince P.J.       | 29 Baragoon St., Howrah,                                             | 7018 |
| VK7NRB | Burnett G.R.     | 15 Waratah Rd., Risdon Vale,                                         | 7016 |
| VK7NSA | Potter M.J.      | 19 Blessington St., South Arm,                                       | 7022 |
| VK7NTP | Pearson T.N.     | 24 Warring St., Ravenswood,                                          | 7250 |
| VK7NWS | Sherriff A.W.    | 30 Foch St., Mowbray Heights,                                        | 7250 |

R.D. CONTEST

It is hoped everyone will make a real attempt to participate this year. Unfortunately a little more than a minimal log is required- just participation is not enough under the present rules. Those giving a major effort rely on everyone's support. Study the point scoring table to ensure your efforts are used to the greatest benefit. Log sheets are available from branches and one log sheet and a cover page will be included in August A.R..

NEWS BROADCAST will not be presented on Sunday that weekend. It will commence at 5-30 pm on Saturday 12 August.

INTRUDER WATCH COORDINATOR

It seems that we have been relieved from an embarrassing position; Bill Carter VK7AK has volunteered for the job of state coordinator. Thanks Bill

DID YOU KNOW

Some of these figures were listed in 'A.R.', others may be of interest;

|                 |                    |           |         |         |        |      |      |
|-----------------|--------------------|-----------|---------|---------|--------|------|------|
| As at March 31, | Number of licences | Australia | C.B.    | 157 205 | In Tas | CB   | 4405 |
|                 |                    |           | Amateur | 8960    |        | Amat | 296  |

POSTAL ADDRESSES

Tasmanian Division of WIA remains as PO Box 1010, Launceston  
Northern Branch of WIA is now PO Box 275, Launceston 7250

Divisional Secretary M.Hennessy, VK7MC, can be reached at  
PO Box 52, Sorell, 7172

CRAFTS & HOBBIES EXHIBITION

The following have offered to help, if others can assist please contact Reg Emmett, VK7KK.

|                      |             |        |                       |
|----------------------|-------------|--------|-----------------------|
| Thursday, 24 August; | Setting up. | VK7JG, | VK7IC, Alan Lawson    |
| Friday, 25 August    | 7- 8.30 pm  | VK7JG, | VK7ZGG                |
|                      | 8.30-10 pm  | VK7PF, | VK7ZBY                |
| Saturday, 26 August  | 10 am- 1 pm | VK7JG, | VK7ZMM                |
|                      | 1 pm 4 pm   | VK7AK, | VK7ZBY                |
|                      | 4 pm 7 pm   | VK7KK, | Les Harper            |
|                      | 7 pm 10 pm  | VK7RH, | VK7NAM, David Simpson |
| Sunday, 27 August    | 1 pm- 5 pm  | VK7IC, | VK7PF, VK7ZBY         |

\* \* \* \* \*

NORTHERN BRANCH NOTES

Apologies were received from the following: VK7ZDB, ZAF, ZLD, AWX, TP, HE, TW, G. Jones, R. Wooley and F. Morse.

The minutes of the previous meeting were read and passed.

Correspondence in was read and confirmed - VK7ZBY, seconded VK7RH.

The Treasurer's report was then given - current balance \$1486.68. Twelve accounts to be paid, moved VK7ZBY, seconded VK7NJD.

Reports were received from the following officers: QRM, Stores, federal.

General Business

It was moved after discussion by VK7KK that QRM be published Statewide and take up Bulletin responsibility providing that the Northern Branch incurs no extra financial responsibility - seconded VK7ZGG - Carried.

It was agreed that accounts to be paid would be passed by Executive and that information on these be available at each meeting.

Meetings will start at 7.45 p.m. for a trial period.

Sandwich/cake roster: for next meeting those to provide are: VK7ZMM, VK7ZGG, VK7PF.

It was agreed that a real effort should be made by all for this year's RD contest. Logs to be collected at the Clubrooms at finish of contest.

VK7AK has requested through Council that the terms of reference for the Amateur Advisory Committee be made available for perusal.

Intruder Watch

VK7AK has volunteered his services as intruder watch co-ordinator - Bill will shortly be preparing an article for QRM discussing how each individual can assist in this operation.

Applications for membership were received from:-

James Stewart Gray  
Kevin Nesbit

Volunteers are still required for the Jaycees Exhibition - contact Reg VK7KK.

\* \* \* \* \*

WANTED FOR FUTURE NOVICE OPERATOR

1 B Coil Box (covering B/c Bands approx.) for AR7 communications Receiver.

1 Power Supply suitable for use with MR20B A.W.A. Transceiver, 13.8v 10 amp.

Details: VK7ZBL a.h. (004) 422545

\* \* \* \* \*

COMING "RD" CONTEST

The time is ripe for Tasmania to win this years "RD" contest - the opportunity exists, and with a bit of effort we can do it.

The N.W. branch are making an all out effort, and Max VK7MX is giving a lecture next month telling how it should be done.

The Northern branch members too are going to work hard - logs will be collected at the regular meeting - that way we will know who tried!!

Mike VK7MC tells me he is going to move the Southern boys - so lets all work together. If you know someone with a callsign and no gear - drive around to his location and get him mobile - If you have spare equipment - lend it for the duration of the contest - get your branch active using the club call and all those keen SWLS on the air.

Mac VK7CCC

\* \* \* \* \*

REMEMBERANCE DAY CONTEST IN THE NORTH WEST12th August - 13 th AugustEVERYONE CAN PARTICIPATE

This year the North West Branch is endeavouring to obtain full participation in this contest, whether they be full calls, associates of S.W.L.'s.

There are 3 ways in which Associates & S.W.L. can participate.

1. Submit a Receiver's log.
2. Be a log keeper for other operators.
3. Operate yourself.

VK7WI/P will be operating during the contest. This station will be open to all members and non-members for operating. Everyone is welcome. At this stage, it will be situated at the home of Tony, VK7AX, 11 Fulton Street, Ulverstone.

Full Calls: Try for a good score, not just a minimum entry. Use all bands to the best advantage as you have few limitations. Use VHF and give some interest for Z calls. Each contact add 2 points.

Limited Calls: Could give calls every 2 hours on VHF. The more stations the better.

Novices: Novices contributed greatly last year, with the result that many of them made very high scores. Try for a good score and use all bands, also note times which local contact can be made.

REMEMBER!!!!!! Even a log of 20 or 30 contacts will help us just that little more in the final count and with good luck and total participation VK& could win this year's contest.

For further details contact  
Shane Fuller 37 2594  
Stephen Russell 25 2654  
Kirby Cunningham, VK7KC, 42 2862.

ADVANCE NOTICE FOR ALL MEMBERS

At the next meeting Max VK7MX will give a talk on the forthcoming "R.D." Contest, which is held each year in memory of our fellow Amateurs who gave their lives in the last war. Max will put into simple language the rules of the contest taking time to explain modes, frequencies, when they can be used, keeping the log of your contacts. In doing so he is appealing to all to take part in this weekend of fun in Amateur Radio. Please round up all members to come and hear this informative talk and in some way help VK7 to win the contest this year. Your log may be the one needed to gain the extra points for the trophy.

The contest is being held during the weekend of 12 and 13 August so this meeting will come in on the Tuesday prior to it. We look forward to seeing YOU there.

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Dear ..... MP

The letter enclosed is a protest against the continued use of VHF TV channels for new services in Australia when UHF TV would provide an interference free system. You may not think that this problem would apply in Tasmania but even here we use all available channels for the main stations plus translators. Chan 5A is in use at Table Cape and problems have already occurred there. Translators particularly could be on UHF but we have recent information that additional translators on the North West Coast are to use low VHF channels. These channels are prone to interference from mainland stations and even New Zealand in the summer months, as well as from taxi, CB and Amateur services.

Ask around your electorate, see how poor some of these services become at times.

Yours faithfully,

.....

The Hon. A. A. Staley,  
Minister of Post and Telecommunications,  
Parliament House,  
CANBERRA. ACT. 2601

Thru ..... MP

Dear Sir,

As a licensed Amateur Radio operator I wish to voice my dismay at the proposed further extension of VHF television services especially with the use of Channel 5A.

International agreements cover the use of radio frequencies but Governments can make changes to suit local conditions if no interference is caused to other countries. Channel 5A frequency band is assigned internationally to space and meteorological satellites. The adjacent band of 144 to 148 mhz is the 2 metre amateur band. The amateur band is truly international with today's use of satellites, moon bounce and new propagation modes, whereas Channel 5A is not recognised internationally.

The use of this non-standard TV channel can only result in interference to its reception from properly operated 2 metre amateur stations. It will only be a repeat of what happened when TV Channel 0 was allocated portion of the amateur 6 metre band and what remained became unusable during viewing hours for amateur purposes.

The history of frequency allocation for TV and FM broadcasting in Australia is poor. The original 10 channels for TV were extended to 13 by using the FM broadcast band for some TV channels. The reversal in the use of the FM band, after the FM inquiry, reduced the number of available VHF channels and should have been the time to introduce UHF television. Not so, for apparent political reasons the VHF available channels continue to be used for planned new services and as Channel 5A has been the least used up to now, because of the known interference problems, it has become the prime new channel.

I see you are having second thoughts on a recent decision, the promised withdrawal of CB radio from 27 mhz in 1982, as being unworkable. So, Mr. Staley, don't let us have another political decision in regard frequency management. Have the new TV services introduced on UHF and save us and the public the inevitable problems of trying to co-exist on adjacent bands.

Yours faithfully,

.....