

QRM

BULLETIN ISSUED BY THE NORTHERN
BRANCHES OF THE WIRELESS INSTITUTE
OF AUSTRALIA, TAS. DIVISION.

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October 1975
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REGISTERED AT GEO HOBART
for transmission by post
as a periodical. CATEGORY B.

PRICE 40c

MEETINGS

- October 3rd Northern Executive meeting C.T.H. Rd VK7HE
- October 10th Northern Branch meeting Civil Defense Rooms
Bourke St. 8 pm. Followed by Auction.
- October 14th Northwest Branch James St. Latrobe
(See map inside)
Followed by visit to Jim's radio & Cinema Museum

Y.R.C.S. Meetings

- October 11th
& Kings Meadows High School 10 am.
- October 25th
- October 11th
& Lakins Hall Ulverstone 2 pm.
- October 18th
&
- October 25th

Contests

- October 4th-5th VK/ZL/ Oceania Phone
- October 11-12th VK/ZL/ Oceania CW
- October 12th RSCB 21-28 mhz phone
- October 18-19th RSCB 7 mhz DX CW
- October 25-26th CQ // DX phone
- November 1-2nd RSCB 7 mhz phone

CONCISE EVENTS

- October 14th Visit to Jim's Radio & Cinema Museum-Latrobe
- October 22nd Visit to Examiner-Launceston

Northern Branch Notes.

The September meeting of the Northern Branch was held, as usual, at the Bourke St. Civil Defense rooms beginning at 8.12 pm. Brian Yeoman VK7ZBY was in the chair and 28 members were present. Apologies were received from Joe VK7ZGT, Norman VK7NR, John VK7JV and Graham VK7ZGT. A visitor Ted Lockwood, was welcomed to the meeting.

Sympathy was extended to Mike VK7ZWW on the passing away of his father.

The meeting was reminded of the proposed visit to the Examiner in mid October and reminded that members would be needed at the next meeting. Four scoutgroups have approached Mike VK7ZWW regarding the Jamboree of the Air and offers of help from amateurs would be appreciated. Danny VK7ZDA reports that the equipment store has fibre-glass P.C.B. for sale in various sizes at cheap prices and also has packets of transistors (audio, RF and H.F. power) for sale at ridiculous prices.

The 1975 Amateur call book is available through the branch at \$1.50.

Members are reminded that donations to Federal Funds are still required and the reasons for these are set out in last months Amateur Radio.

The meeting told of a proposal to hold a wine & Cheese tasting evening in February and following discussion Frank VK7ZFR offered the use of his house for this function.

Members are reminded that instead of a December meeting there will be the usual barbeque. The venue of this will be notified at a later date.

The film afternoon was held on Saturday 27th September and all who attended this function enjoyed themselves and certainly there was much laughter at times. The attendance was a little disappointing but I assume there were many football fans among the branch. The ladies are to be specially thanked for providing afternoon tea and the children must have enjoyed it as there was very little fool left when they had finished. Thanks to Frank Morse for providing the projector and screen and showing the films for us, also thanks to Wally VK7ZWX for the organisation. All hope there will be another show later on.

73's Graeme VK7ZGG

October 1975

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North West Notes

Our September meeting was attended by 18 members and VK7ZRF was welcomed from the North. An application for membership was approved for Lindsay Johnson. Lindsay is a keen listener on the 2M band in our area. After the meeting a talk was given by Bob VK7ZJS on the pleasure craft he is building. Of particular interest were the motors, instrumentation and of course the proposed radio gear to be fitted. Bob indicated he would be willing to give a conducted tour of the vessel at anyone willing to turn up at his QTH.

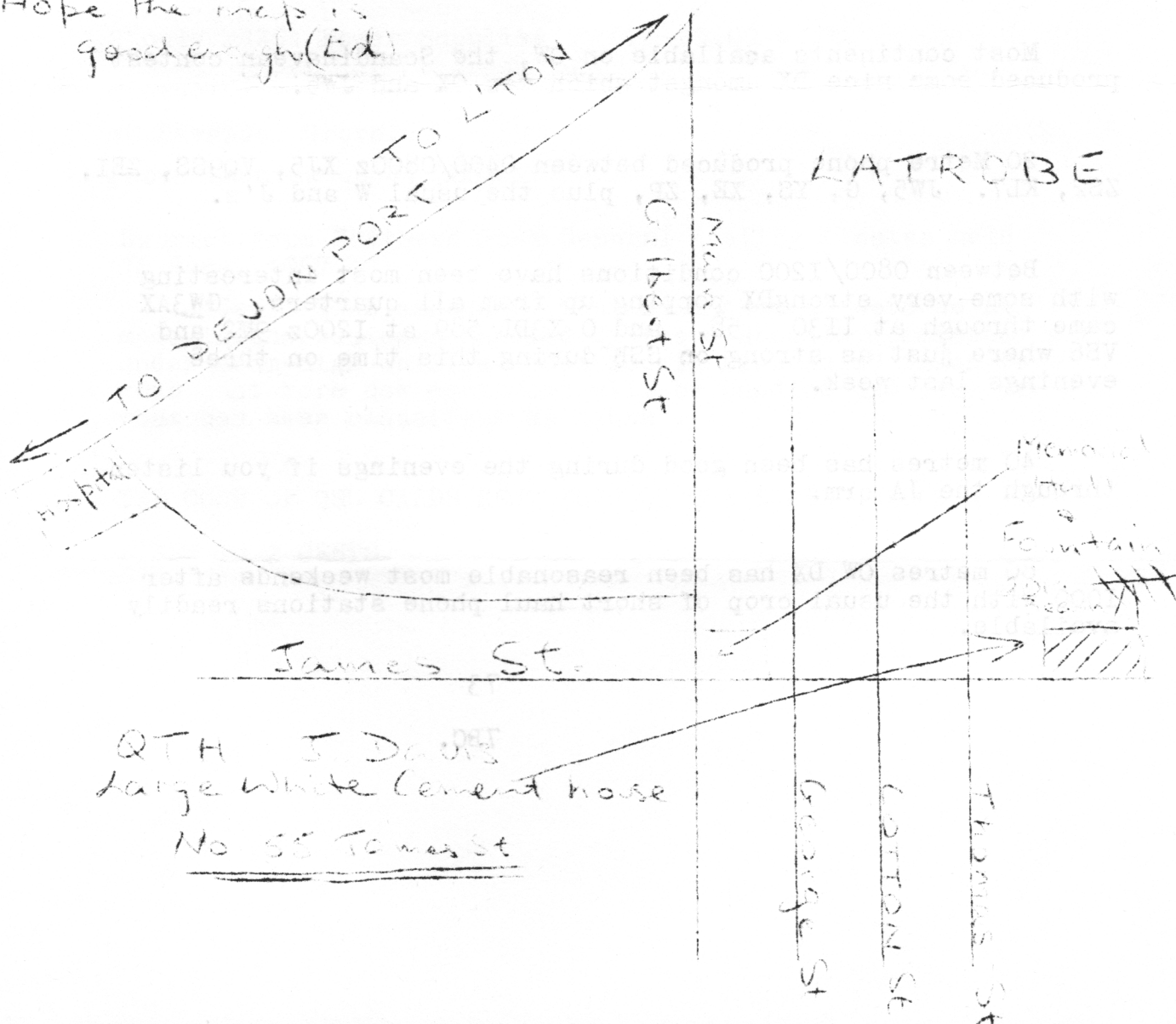
Our next meeting (October) will NOT be held at the usual place in Ulverstone. It will be held at the home of associate J. Davis in James Street Latrobe. (see map) After a quick meeting we shall be given a tour of Jim's radio and cinema museum. I can assure you that anyone who comes will not be disappointed. The November meeting will be back at Lakins Hall Ulverstone and a talk on firearms and gunsmithing by

associate Ivan Ling. This meeting could well go off with a bang!!!

73's

Graeme VK7ZAQ

Hope the map is
good enough (Ed)



Conditions have varied greatly during the past few weeks with some good openings at times on 20 & 15 metres, most of the listening has been during the evenings.

Those of you who have not yet worked Burma can now turn your attention elsewhere as amateur radio and even the possession of gear to build amateur equipment has been banned in that country, I guess they are now fully liberated Hi.

A rare country that will be activated during October will be 3CO 3CI Annobon Approx 02 degrees south 06 degrees East. ..in the gulf of Guinea.

15 metres has been open for short periods on most days, JA's with W's to a lesser degree. YK2VE was worked around 0300 at good strength.

20 metres again provided most of the activity this month. CW has been reasonably good with DX available when the phone portions appear to be flat which proves the point that AI is still the most reliable form of communication if one wants to get through (Growls from the Zmen)

Most continents available on CW, the Scandinavian contest produced some nice DX amongst which was OX and JW5.

20 Metre phone produced between 0400/0800z XJ5, VQ9SS, ZEI, ZS2, KL7. JW5, G, YS, XE, ZP, plus the usual W and J's.

Between 0800/1200 conditions have been most interesting with some very strong DX popping up from all quarters. GW3AX came through at 1130 58. and O X3DL 589 at 1200z 9M2 and VS6 where just as strong on SSB during this time on three evenings last week.

40 metres has been good during the evenings if you listen through the JA qrm.

80 metres CW DX has been reasonable most weekends after 1000 with the usual crop of short haul phone stations readily available.

Once more there is little to report. As a result of an advertisement by VK2ZNW in Amateur Radio I had a Meteor Scatter contact with him on 14/9/75. Reports of "Mexico" were exchanged. Almost every Sunday morning on 52.050 (and other frequencies, editor) have been heard ~~some~~ Amateurs Rag Chewing across town but no call signs could be recognised.

Eight logs were returned for the Athol Johnson Contest, full details and the winner will be announced in the next Bulletin.

Two Metres has been a little more active although few VK7'S took advantage of the opening early in the month when two metres was open all weekend. Kevin VK7ZAH worked VK3'S: ZHY and ZUR and LT on two metres. SSB, Channel Four was also useable for most of the weekend.

73'S Joe

FOR SALE

FOR SALE

FOR SALE

2 only MR20A Power Supplies \$5.00 each.

Contact Joe VK77GJ

40 Lavender Grove,

Phone Launceston 44 3882

Extract from Northern Zone General Meeting Minutes held 16 June, 1967.

"Geoff 7ZAS announced that some changes were being made in the business handled by the disposals committee under a campaign entitled "New Lookin Disposals" taken to mean that more new equipment will be handled and less of what has been classified as "junk".

THE COST OF QSL CARDS SENT THROUGH THE BUREAU HAS NOW
RISEN TO 2 CENTS.

Ladies Page

Very quick and easy to make and slightly different

Chicken In Nectar

3 lbs chicken pieces
1 packet french onion soup
15 oz can apricot nectar
pepper

Combine chicken pieces, french onion soup, apricot nectar in casserole dish.

Cover, cook in a moderate oven $1\frac{1}{2}$ hours or until tender. Serve with rice. Serves 4-6 people

Quick, rich and delicious

Chocolate Mousse.

4 oz. dark chocolate
4 eggs separated
 $\frac{1}{2}$ pint cream

1 tablespoon rum or brandy
extra whipped cream.

Chop chocolate roughly, place in a bowl over hot not boiling water. Stir until chocolate is melted. Remove from heat, cool slightly, blend in egg yolks one at a time. Beat well until mixture is smooth and thick. Fold in whipped cream, rum or brandy, then softly beaten egg whites. Spoon into individual glass serving dishes (Claret or champagne glasses ideal) Refrigerate until firm. Top with a little extra whipped cream. Serves 6-8 people.

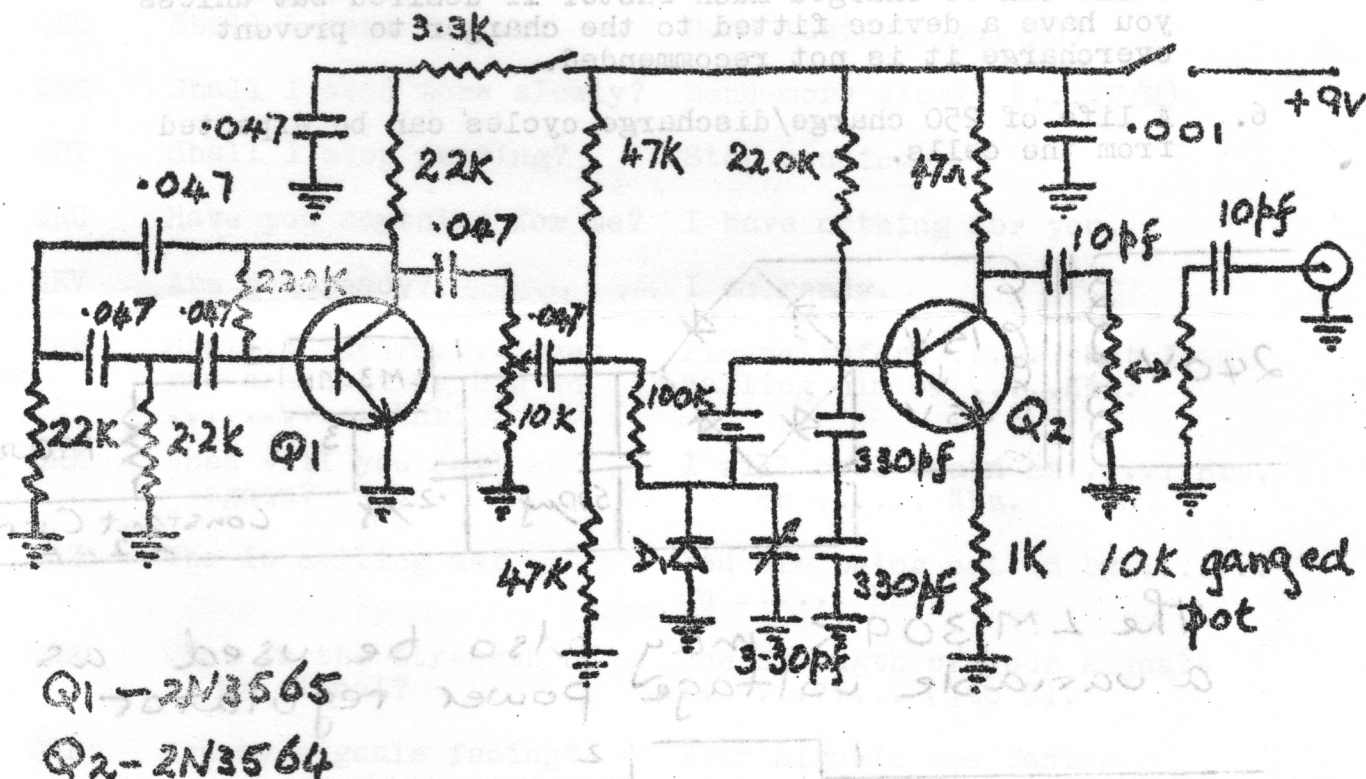
Trouble with biro stains - methylated spirits is an excellent solvent. If the stain is large soak repeatedly in a saucer of clean methylated spirits, launder or dry clean.

Reg's suit coat is now quite stain free after a biro leaking in the pocket.

Annette XYL VK7KK

The following circuit was built up from a circuit stolen from Amateur Radio about four years ago but was modified to include an RF attenuator and a deviation control. The latter was found necessary by the author because when the unit was used with 4 MHz crystals to align a 146 MHz FM carphone, the deviation was as high as 15KHZ and proved to be excessive with certain narrow band units. D1 in the original article was specified as a 6A102 but an 6A91 was substituted and the amount of deviation obtainable was still found to be sufficient. The whole unit was powered by a 9 volt battery and mounted in a Horwood Instrument box with the power and modulation switches and attenuator and modulation level controls mounted on the front, the crystal socket and its trimmer on the top, and the RF output socket on the side.

Peter, VK3ZCS.

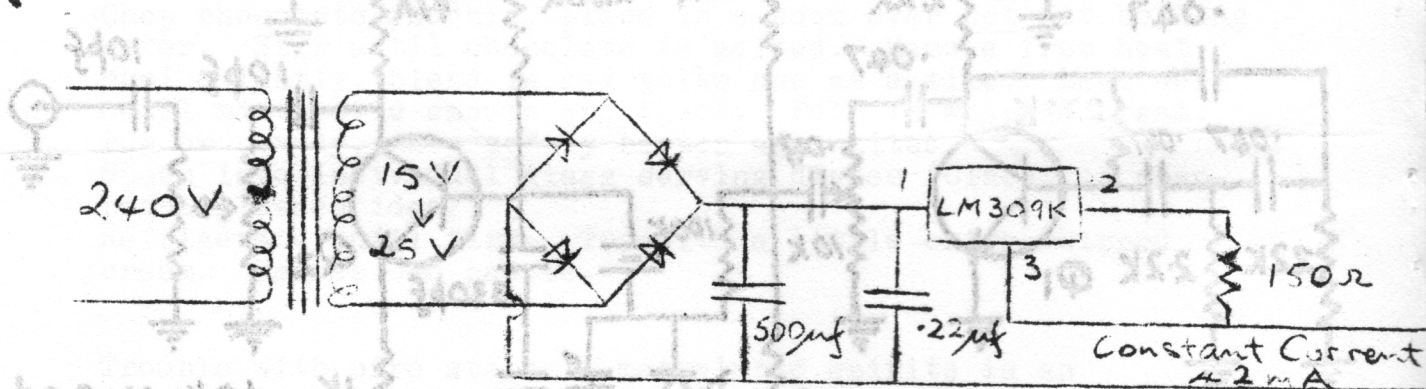


NOTE: If sufficient interest is shown in this design, a kitset may be produced by the GARC parts division. If you are interested in such a kit see Peter, VK3ZOS, or Arie, VK4ANZ.

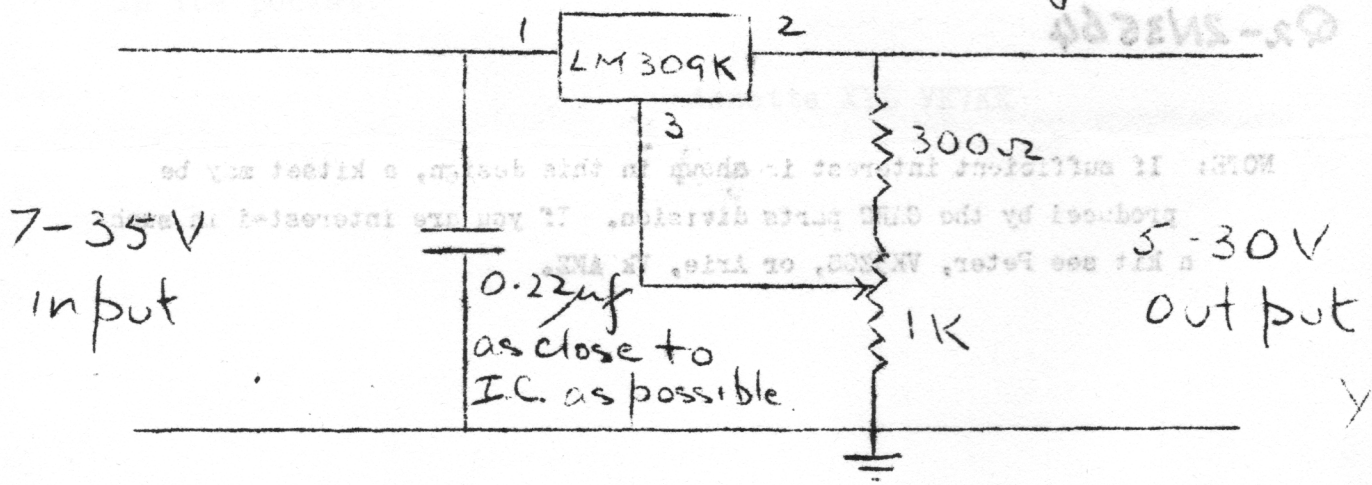
NOTES ON NICADS

As used in KP202 Hand Helds.

1. New cells should be individually flattened before fitting to equipment. (electrically not physically)
2. These cells are best charged at 40-45 MA for 14 hours. (see circuit below) This actually returns 140% of the power consumed from the cell.
3. If your memory is bad you should build a timer into the charger because overcharging will eventually cause enough gas pressure inside the cell to cause it to split and pour its insides out. A nice mess it is inside your KEN.
4. If the state of charge of the cells is unknown a 10 hour charge is recommended.
5. Cells can be charged much faster if desired but unless you have a device fitted to the charger to prevent overcharge it is not recommended.
6. A life of 250 charge/discharge cycles can be expected from the cells.



The LM309K may also be used as a variable voltage power regulator



THE Q CODE: For the benefit of those interested in studying, for the new Novice Licence, and for those of us who are a bit rusty!

used as QUESTION

used as ANSWER OR ADVICE

QRA	What is the name of your station?	The name of my station is.....
QRG	Will you tell me my exact frequency?	Your exact frequency is.....
QRH	Does my frequency vary?	Your frequency varies.
QRK	What is the intelligibility of my signals?	The intelligibility of your signals is.....
QRM	Are you being interfered with?	I am being interfered with (1 to 5)
QRN	Are you troubled by static?	I am troubled by static.
QRQ	Shall I send faster?	Send faster (....W/C)
QRS	Shall I send more slowly?	Send more slowly (....W/M)
QRT	Shall I stop sending?	Stop sending.
QRU	Have you anything for me?	I have nothing for you.
QRV	Are you ready?	I am ready.
QRW	Shall I inform.... that you are calling him on ,..... KHz?	Please inform that I am calling him onKhz.
QRX	When will you call me again?	I will call again at..... Hrs, on Khz.
QRZ	Who is calling me?	You are being called by on Khz.
QSA	What is the strength of my signal?	The strength of your signals is (1to 5).
QSB	Are my signals fading?	Your signals are fading.
QSL	Can you acknowledge receipt?	I am acknowledging receipt.
QSO	Can you communicate with direct,(or by relay)?	I can communicate with direct (or by relay).
QSV	Shall I send a series of V's on this frequency?	Send a series of V's on this frequency.
QSY	Shall I change to transmission on another frequency?	Change to transmission on another frequency.
QSZ	Shall I send each word or group more than once?	Send each word or group twice (or times).
QUM	May I resume normal working?	Normal working may be resumed.

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