



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

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Launceston
Tas. 7250

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MEETINGS

- Oct. 11th North West Branch, Lakins Hall Ulverstone 8p.m.
Oct. 14th Northern Branch, clubrooms 34 Burke St. 8p.m.

A.O.C.P. CLASSES

- | | | |
|---------|------------------------------------|---------------|
| Oct. 17 | HF antennas | Kings Meadows |
| Oct. 24 | VHF antennas | High school |
| Oct. 31 | Basic Digital | Block B |
| Nov. 7 | Specialized Communication Systems. | Room 35 |
| Nov. 14 | Revision | |

Y.R.C.S. CLASSES

YRCS classes are held every Tuesday (during school terms)
from 4p.m. to 5.30p.m. at
Kings Meadows High School, Block B, room 33.

CONTESTS

- Oct. 8/9 VK/ZL oceania CW contest
Oct. 14/16 Jamboree of the Air
Oct. 15/16 RSGB 7MHz phone
Oct. 29/30 CQ WW DX Phone contest
Nov. 5/6 RSGB 7MHz CW
Nov. 12/13 European RTTY contest

Oct. 20 Deadline for the November issue of QRM.

Northern Branch Notes by Mac VK7CCC.

I must apologize for the absence of last months notes, they were delivered to VK7JV too late for printing. However to bring you up to date;

The Branch stand at the recent JayCees exhibition met with lots of success as far as numbers of interested people were concerned, we are not sure how many might be potential amateurs. Thanks to everyone who assisted, especially Roger Wooley, Frank VK7ZFR and Mike VK7ZWW. In retrospect there is a real need to have prepared for anytime a permanent display including, posters, booklets on amateur radio and antenna systems. If you have any thoughts on this matter pass them on to any member of the executive.

Our second monthly meeting was held at the new club rooms in Bourke Street on the 9th September. Among several items discussed was a report by the clubrooms committee. This covered all areas such as, use of the rooms, requirements, immediate start and long term. It is our hope that these club rooms will lead to more group activity by individuals, to do this we need the right atmosphere which involves a little work for everyone.

The equipment room has been cleaned out and steps taken to make the door absolutely secure. It will be necessary to run new wiring from the mains and to install power points. We need an electrical tradesman with a contracting license, if anyone fits the bill !!

We need shelving and benches or the wood for same, if you have any surplus. If you can assist in any way contact us.

Tony VK7TP and myself are looking after the library, we already have quite a few magazines and books. If you wish to donate to the system Tony and I will pick them up, the same goes for any surplus equipment you have.

All I have done so far is scrounge, we do in fact have about \$2400 in clubroom funds for which a very big thanks must go to John VK7JV. This will be required for new seating, heating and other items we can not make or beg. A host of other items are covered in the report, if you were not at the meeting and would like a copy, ask!

Peter VK7PD our treasurer has had to stand down due to pressures of other work and as once again there were no volunteers Tony VK7TP was "talked into" the job. I might add that Peter was "carrying" the job because of lack of volunteers at an earlier election. The only time our meetings are quiet is when volunteers are required and everyone looks at one another. Thank you Peter for your assistance in the past and thank you Tony for taking over the task.

The treasurers report up to and including 5/9/'77.

Sales	\$582.36
Purchases	\$345.55
Expenses	\$ 74.50
Balance	\$978.19

MEETINGS: The next meeting on October 14th will include an equipment display. If you have the latest gear, bring it along. Whatever you have made, large or small bring it along and show it to us. Peter how about bringing your synthesiser and Daniel your 1296 gear, even an electronic burglar alarm for the club if someone feels inclined.

December 10th BAR-B-QUE (Pig Roast) at the paddock of VK7CCC in Evandale, if the pig burns blame Mike VK7ZWW he is supplying the spit and doing the cooking. There will also be an equipment auction (out of earshot of YL/XYL) gear can be delivered to executive members from now on and it will be stowed safely. We will need some trestles/tables if anyone has any we can borrow.

You will notice in this months A.R. an article dealing with an item in which amateur radio was used to assist someone else, if you hear of any similar news items let us know, if it is really news worthy let the division know.

North West Branch notes by Wayne Gibson.

A moderately well attended meeting was held on September 13th. Noticably absent were some members from the Devonport area due to sickness. One new face at the meeting was that of Martin Fox VK7MM, he is now working on the North West coast and hopefully will soon be on air.

The formal business transacted was very limited, reports from office bearers were not available due to illness.

A letter was received reminding us of the up coming Jamboree on the air and requesting our aid to participate in this Scouting event. Any member that wishes to help should contact Kirby VK7ZKC.

The rest of the meeting was devoted to the discussion of arrangements for the TASMANIAN AMATEUR RADIO CONVENTION 1977. There were plenty of ideas floating about and it appears that the convention will be a memorable one, as was 1974.

Local Doings; Terry VK7TT has just returned from VK9 land (island). He reports that Norfolk Island has a surprisingly large amateur population. The two he met were John Anderson VK9JA and Ray Hoare VK9RH.

That's about it, 73 Wayne

FOR SALE; Nikkon F, SLR camera \$120. Miopta Optomus
enlarger 2¼" and 35mm \$120.

WANTED; any old P.A. amplifiers. Mike VK7ZWW
11 Georgetown Rd.

WANTED; for the new clubrooms, materials to construct shelving
for equipment.
Replies, suggestions, donations etc. to Reg VK7KK 312090
Bill VK7TE 262297 and Tony Polowy VK7TP.

DX notes by Col Wright VK7LZ.

Not much in the way of news this month due to being away part of the time, however for those interested in working Kermadec Island here is the latest news direct from Marion the leader of the DXpedition, all systems are go and the operation could commence on the 19th of October, all bands 1.8 to 28 MHz SSB and CW, the call-sign will be ZL1AA/K.

The American expedition to Kingman Reef (KP6BD) made 11 000 QSO's in three days, as Kermadec is almost as rare from the DXCC angle, you may have to work hard to get this one. QSL info will be advised as soon as it comes to hand.

There have been several reports that a station signing S88TH is operating from the Iranskei around 14.195/14.215 MHz SSB however nothing has been heard of it here. 8 licenses have been issued in Iranskei since it became a Republic however to date it has not been accepted for DXCC.

Cards from IJ7EX, Pietro Island, should be getting into the mail by now according to I1BGJ one of the DXpedition members.

For those interested in 1.8 MHz now is the time to start tuning the band, to date here JA's, KH6, and W's have been heard on CW however you'll need more luck or a better aerial than I have to get a QSO.

As we are now getting into the DX season, just a reminder that the following contests could yield some good DX.

October 8/9th	VK/ZL DX CW contest
15/16th	RSGB 7MHz phone contest
29/30th	CQ WW DX phone contest
November 5/6th	RSGB 7MHz CW contest

3.5MHz is worth keeping in mind. Lionel VK7HL advises that VE's have been calling VK's on SSB and listening in our band, also YJ8KC, ZK1DR and 3D2WR have all been logged here between 0900Z and 1000Z at good strengths on SSB below 3.7MHz.

7MHz is also improving, between the hours of 0630 and 0800Z some good DX can be heard both on SSB and CW. Stations heard here include, on CW, DJ's, EA's, F, FO8EX, GI8JEX, GW3AX, GW3OAY, JA's, KH6, OH, ON6ZJ, SP9AAJ, VP2DD and on SSB, DJ6EA, EA3OAC, EA8DI, G's, TI2CF, OE9AHI, XE1UF, 3D2ER and 9Y4NP.

14MHz still the most prolific producer of DX, listening here has been confined to between the hours of 0400 to 0800Z, all continents have been heard, some of the rarer stations listed were, EA6BH, FC9UC, FM7WS, GW4BLE, HI8JAF, HKØCLS, HC2WF, KA1S Marcus Island, ISØMVE, JY3ZH, JY9DI, KP4CLB, KC4AAA, SV1DH, TI2ADB, UK2GKW, VP2MH, ZE4JS, ZK1DR, 5B4EU, 5Z4RG, 8P6FU, 9H1EY, also the usual run of F's, G's, I's, U's, YV's etc., all on SSB.

21MHz as in previous months I fade out about here, occasional listening has only produced hundreds of JA's also UAØ's, W, KC6DA and YJ8KM, more listening here would probably pay off.

28MHz It has been reported that this band has been open to JA, UA9 and UAØ, also that a station signing BY and reputed to be in China has been heard.

QSL info; HI8JAF, Box 1157 Santa Domingo, Dominican Rep.

5B4EU via SM3GII, 9K2FO, Box 177 Kuwait.

My appreciation to Bill VK7AK and Lionel VK7HL for sending me information for inclusion in these notes.

73 gd DX Col VK7LZ

VHF notes by Joe VK7JG.

The R.D. contest has come and gone for another 12 months with what would be the poorest activity on VHF for many years, not to mention the Athol Johnson contest with a return of only 4 logs.

Some mention has been made that the A.J. contest is possibly held at the wrong time of the year. Perhaps it would be more suitable to hold it with the John Moyle National Field Day, give it some thought and let me know either by phone or on the air.

Meanwhile back on 6 metres, nothing has happened except for two local contacts. 2 metres is much the same although activity should improve with the acquisition of new equipment by several Northern members.

On 432MHz both Kevin VK7ZAH and myself are active with Kevin running a new solid state 144/432 transverter and myself a valve rig.

Last night 17/9/77 I worked two passes of Oscar VII mode B (432MHz in - 144MHz out) with very good signal strengths, stations worked were VK3ADR and VK3ZBB on both passes and VK6ZGQ on the 2nd pass.

that's all for now

73 Joe

Novice notes by John VK7NJD.

First I would like to thank the Editor, John VK7JV, for giving me the opportunity to write these notes which we hope will be included every month.

Several good contacts have been made on 10 metres this month by Allan VK7NAB and myself, these include VK8, VK2, VK4, JA and UA9UCJ (victor). Mark VK7NAM has been heard working mobile on 10 metres.

As from Wednesday October 5th there will be a net operating on 28.550 starting at 8 p.m. using the call-sign VK7NB. It is intended to make this a regular get together on Wednesdays so if you can, come and join us.

80 metre activity in the Novice segment is still very crowded, lets hope something will be done in the near future as more and more people are getting a Novice license.

cont. page 8

W.I.A. Clubroom Report - August 1977by Reg Emmett VK7KK, Bill Tanner VK7TE and Tony Polowy VK7TPUSE OF ROOMS

1. Monthly meetings
2. Committee meetings e.g. W.I.C.E.N., Executive.
3. Instructional classes.
4. Depository for records, files, library books, equipment donations
5. Workshop/test bench for members needing the facilities.
6. Operating by members, who by whatever circumstances, need or require a "working station" which may also be used on meeting occasions.

REQUIREMENTS - IMMEDIATE

1. (a) New outside door and lock, this will be the WIA entrance.
- (b) Lock on door between shack and meeting room.
- (c) Remove Life Link material from shack.
- (d) Acquire or purchase new heaters.
- (e) Acquire or purchase new seats.
- (f) Display or Notice Board for clubroom rules when formulated
- (g) Suggestions in writing from all on any matter re most efficient usage of clubrooms, functions operations, uses, fittings, furnishings, acquisition and installation of any equipment.

SHORT TERM

2. (a) U.H.F. Rep.8 and other U.H.F. and H.F. antennas
- (b) Storage for library and equipment.
- (c) Benches and tables for equipment in shack and power points
- (d) Decide on requirements of equipment to install.

LONG TERM

3. (a) Repaint interior as required, acquire or purchase a cooling fan.
- (b) Security bars and curtains in shack.
- (c) Concrete garage floor if likely to be used, consider lining walls etc.
- (d) Shelves in room near toilet.
- (e) Additional to 1.f, boards for permanent display, suggest rotary butterfly or roller blind, double ended etc.
- (f) Working bees when required.
- (g) Security alarm (electronic).
- (h) Alternative power supply to HEC for emergencies !

PRESENT ACTION REQUIRED

4. (a) Appoint librarian to collect material and formulate policy on acquisition, lending and proper control etc..
- (b) Appoint an equipment officer to plan acquisition aerial placement etc..
- (c) requirements re cleaning, lock up, key distribution.

NORTHERN BRANCH EQUIPMENT STORE.

<u>Resistors</u> , $\frac{1}{2}$ and $\frac{1}{4}$ W	4¢	<u>Transistors</u> ,	
per 100	\$2.50	2N3563	30¢
<u>Capacitors</u> , ceramic	8¢	2N3564	20¢
microplate	5¢	BC108	20¢
elctro., 4.7uF, 16V	15¢	2N3866	95¢
47 and 10uF, 16V	16¢	BD135	62¢
100uF, 16V	22¢	2N3055	\$1.25
220uF, 16V	50¢	mounting kit	15¢
1000uF, 25V	58¢	BF200	55¢
2200uF, 25V	70¢	<u>F.E.T.</u>	
tantalum, 1, 2.2uF, 25V	25¢	2N3819	65¢
4.7uF, 25V	25¢	2N5245	60¢
10uF, 16V	30¢	3N210	90¢
greencaps, 22uF, 100V	18¢	U310	\$2.00
.1, .047uF, 100V	12¢	<u>Diodes</u> ,	
.01, .0047, .001uF, 100V	8¢	1N914	10¢
<u>Trimmers</u> , 3 - 9pF	40¢	EM408	10¢
3 - 12pF, 6 - 40pF	40¢	1N4002	14¢
<u>Crystal Sockets</u> ,		HP2800	95¢
D style xtals	27¢	<u>I.C.'s</u> ,	
K style xtals	38¢	LM380, audio 2W	\$2.10
<u>Coil Formers Neosid</u> ,		LM741, op. amp	40¢
single bases & cans	10¢	MC1550, RF/IF amp	\$1.20
double bases & cans	11¢	LM111H, volt/comp.	\$4.40
formers, F16 & F29 slugs	8¢	MC1496, bal. mod.	\$1.35
2 - 300MHz balun core	12¢	uA723, volt. reg.	\$1.05
<u>P.C.B. Blank</u>		LM556, dual LM555	\$1.85
single sided per sq.ft	\$3.25	<u>Coaxial fittings</u> ,	
double sided per sq ft	\$3.55	B&L stand. plugs	20¢
<u>Relays</u> , 4 c/o	\$5.00	PCB sockets	55¢
sockets	86¢	chassis mount	40¢
relay & driver on PCB	\$1.70	UHF, PL259 plug	\$1.40
HK708 Morse key	\$18.50	SO239 socket	\$1.20
simple Morse key	\$1.20	reducing adaptor	40¢
6/40 socket ceramic	\$2.00	RCA-SO239 adaptor	\$1.90
L.E.D. red	20¢	angle & T adaptors	\$1.80
7 seg. display .4"	\$1.20	BNC plug	\$1.30
Call books	\$2.85	BNC socket	\$1.20
ARRL handbooks		52 Ohm coax 3/16" diam.	
3300uf 50V electrolytics		per metre	15¢
TIS88 F.E.T's		<u>CTC Power transistors</u>	
<u>Xtals</u> , for MR6		C25 - 12 and C12 - 12 P.O.A.	
TX -(52.656) 2.194MHz		<u>KLM yaqi kits</u> , including	
RX -(52.656) 10.9312MHz		144MHz - 16 el.,	
RX -(52.525) 10.905 MHz		432MHz - 16 and 27 el.	
<u>Logbooks</u> , are on order and should be here before the meeting,		50 Ohm baluns for the above.	
(he says hpoefully)			

TASMANIAN AMATEUR RADIO CONVENTION 1977TURNERS BEACH HALL19th/20th NOVEMBER 1977PROPOSED PROGRAM

19th November.

a.m. Setting up displays, gear etc.

Checking in

Lunch

p.m. Start of formal program

Several interesting talks are being arranged for members.

Fox hunts will be arranged if required.

INSTITUTE MEETING

Tea Smorgasbord

EVENING Entertainment, dancing, skits, acts and tomfoolery befitting the occasion.

20th November.

a.m. W.I.A. Broadcast

Fox hunts and other competitions

Bar-B-Que lunch

CONVENTION OPEN TO THE PUBLIC

C.B. CLINIC etc.

Prize distribution and 73 and 88

cont. of Novice notes by John VK7NJD.

Richard VK2NGL can be heard every Wednesday night at 8 O'clock with a very interesting "Question Box Net".

At this point in time there are only three Novice Licensees in the Northern Branch namely, Allan Burke VK7NAB, Mark Nightingale VK7NAM and myself John Doolan VK7NJD. This may soon increase as the next examination will have the following people from Launceston sitting for it, Terry Pearson, Allan Simpson, Lyn Williams, Bill Warmisham, David Crompton and Merv Pitman. We wish them (and any others we don't know of) the very best of LUCK. see you on the Novice bands shortly.

TASMANIAN AMATEUR RADIO CONVENTION 1977REGISTRATION FORM

I wish to advise that the following will attend the convention;

Self call sign

Address

and 1)

2)

3)

4)

5)

6)

Please indicate a) correct name b) preferred name

c) relationship to you

Also indicate children under 12 years of age.

Enclosed cheque/ money order for \$.....

Do NOT post cash. Full payment of fee will ensure registration

We must have your registration by the 12th of November 1977
to finalise catering arrangements.

<u>RATES</u>	Single	\$ 6.50	
	Double	\$12.00	
	Family	\$13.00	Children under 12 free.
	Saturday only ..	\$ 5.00	
	Sunday only	\$ 2.00	

Forward to; Mr. M.W.Ives
P.O. Box 12 East Devonport
Tasmania 7310

Any one requiring accomodation reservations kindly advise
details with registration.

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