

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

PO Box 1010
Launceston
Tas. 7250

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9.5 FM

144.5
Here we are with the first issue for the fourth year and a
very sorry start it is, it is a week late and only half the
size of what we've got used to.

There are no technical articles this month for a simple
reason, we haven't any ! Some of you may say that this is
due to the recent increase in size, however this is not the
case as the extra material was always copied from other
publications. 722

If you people prefer QRM to consist of meeting reports and
latest gossip only, its fine with me, it certainly is easier
and quicker to produce 4 pages of news with an occasional
extra page of Oscar predictions than the type of thing we
have been doing since August.

Are you going to stand by and let this happen to YOUR
newsletter or are you going to help maintain the standard
we've become accustomed to and write an article ? if so
lets have it soon.

73 John VK7JV

MEETINGS

April 2nd North West Branch, Lakins Hall, Ulverstone.
Max VK7MX will give a talk about radio in 1924

April 5th Northern Branch, AEB rooms, High st.
A talk and demonstration of the breathalyser
will be given by Phill VK7ZPB

YRCS

April 6th + 27th room 38, Kings Meadows High School.

IGL ← Salesman
KEVIN 72AM

144.071

Northern Branch notes

The Northern Branch Annual General Meeting was held with an attendance of 28 members and 5 visitors.

As the president's report has appeared in the divisional Bulletin we won't repeat it here, the treasurers report and balance sheet may be found elsewhere in this issue.

The officers elected for the year are as follows.

President	Reg Emmett VK7KK
Secretary	Joe Gelston VK7ZGJ
Treasurer and Equipment officer	Kevin Henricks VK7ZAH
QSL Manager	Col Wright VK7LZ
Auditer	Carl Waldon
QRM Editor	John van Staveren VK7JV
Vice Presidents	Peter Frith VK7PF
	Lindsay Dowl VK7ZLD
Lecture officer	Reg Emmett VK7KK
Branch correspondent	Brian Yeoman VK7ZBY
Refreshment officer	Graeme Reardon VK7ZGG

All officers were elected unopposed, there being no other business the meeting was closed and the members were treated to a lecture by Mr Ken Briggs VK7LX, on the introduction of colour TV.

Ladies, I hear you like to read QRM before the OM gets home, so here is what we'll do, you can have a page all to yourself if you can find sufficient material to fill it, for instance for sale ads, recipes, household hints etc. Just send it to PO Box 1010 Launceston 7250

If you really like home brewing Ham gear you might like to have a go at the Morse key in the Febr. 1972 issue of A.R. by Chris Cullinan.

Gordon VK7GW did and made a beaut job of it, Gordon says the total cost including the purchase of taps was around \$7.00

Some new gear around the place.

Graeme 7ZGG has a Dick Smith 30 Watt final tacked on the end of his 1W IGL and it goes like a bomb.

Ray 7RK is sporting a new FT200 and working the World on it.

Danny 7ZDA finished his 6 to 2 metre transverter and it sounds real nice.

Congratulations to Steve (ex VK7ZSF) on his pass in the Morse exam, the new call is VK7OA

If you haven't paid your subscription yet than this is your last issue, unless we have your money in our hot little hands before the next posting.

North West notes by Max VK7MX.

Having been in a lot of hot water in recent times I propose to work off some "steam" this issue.

When it comes to work and hobbies we all have a free choice.

One may join the W.I.A. and if you choose to do so go to meetings. On the other hand there is no compulsion.

Some of us, in all sincerity take active part, hold office, and some serve in this way for long periods.

What would happen if nobody bothered, you can work that one out, however its up to the individual. But I, for one am fed up with knockers who are full of complaints, often about happenings at meetings when they were not even in attendance, so in future I will welcome complaints and criticism across the meeting table only. Anybody who has ideas for the benefit of the branch and will back them up in a practical way will be very welcome at the election of office bearers. If elected, it will mean some inconvenience, putting the hand in the pocket occasionally, burning up petrol and miles and accepting criticism, and after all that I guess I will get plenty.

Now to current happenings. Our monthly meeting saw the old faithfuls in attendance. It was a good meeting and concluded with a lecture on solid state by Graham 7ZAQ, we certainly need more of that.

The event of the month was the Port Sorell mini hamfest the joint North-North West affair. From remarks overheard it was a successfull affair for all including yl's, xyl's and harmonics, and there were lots of delightful children with an enormous capacity for cordial. The North was very well distributed through the crowd but the North West turn up was disappointing.

A rough check shows that about 6 out of a possible 23 turned up. We certainly saw some new ideas. Some rock climbing gear attached to a tree was tried out by many of the boys and it could be the start of something. An egg throwing contest caused a lot of fun and the winners were VK7HE and XYL who caught an raw egg over an incredible distance.

Rigs on 2 and 6 metres and VK7AX's new HF rig were all operational and created some interest. A raffle was won by VK7ZWW and the frequency guessing competition by VK7MX.

Harold VK7MZ and XYL had quite a hike when the car made trouble someways out of Port Sorell. However Frank VK7ZFR went out with a towline and things came good.

Then came the cricket match, the North West won by clever tactics which included throwing the ball away when it came near non batting members. The score was a matter of conjecture but estimates ranged from 38 to 83 runs. The mainstay of the North, VK7RR who finally retired after being out 3 or 4 times, put up a fine knock. However, the North run out of time and sportsman-like gave the match away. It was a hilarious affair really and thoroughly enjoied by players and spectators alike.

Our thanks go to all who contributed including VK7LH for the loan of his tent. The weather was kind, we were very lucky and watched a thunderstorm go round east of us.

We hope to see a full house at our next meeting.

Wireless Institute of Australia, Tasmanian Division,
Northern Branch.

Trading Account for year ending 4th March 1974, prepared by
the Treasurer VK7ZAH and Audited by C.G. Waldon FACA, FCI.

Creditors	\$ 188.54	Debitors	\$ 675.01
To Stock	\$ 328.00	Sales	\$ 4544.24
Purchases	\$ 4378.51	Stock	\$ 494.04
	<u>\$ 4895.05</u>		
Gross Profit	\$ 818.24		
	<u>\$ 5713.29</u>		<u>\$ 5713.29</u>

Profit and Loss Account year ending 4th March 1974

<u>To Expenses</u>		<u>By Gross Profit</u>	\$ 818.24
QRM	\$ 55.00	Other income	
Repeater	\$ 12.75	QRM	\$ 140.00
PO Box	\$ 1.00	Repeater	\$ 4.75
7NZ License	\$ 6.00	Subs	\$ 66.00
VK3 xtals	\$ 285.00	Insurance	
Petty cash	\$ 10.00	Commission	\$ 26.01
Hamfest	\$ 300.63	WIA Subs	\$ 16.00
Rent	\$ 23.50	Xmas BBQ	\$ 13.50
Refund to N.W. for VK3 xtals	\$ 49.00	Hamfest	\$ 361.75
WIA membership	\$ 16.00	N.W. Xtals	\$ 45.00
Xmas BBQ	\$ 10.50	VK3 Xtals	\$ 130.00
Cheque books	\$ 7.20	Interest	\$ 14.47
	<u>\$ 776.58</u>		
Nett profit	\$ 859.14		\$ 817.48
	<u>\$ 1635.72</u>		<u>\$ 1635.72</u>

Balance Sheet as at 4th March 1974

<u>Liabilities</u>		<u>Assets</u>	
Sundry Creditors	\$ 188.54	Sundry Debitors	\$ 675.01
Acc. Funds	\$ 972.11	Stock	\$ 494.04
Nett Profit	\$ 859.14	L.B.S.	\$ 850.74
	<u>\$ 2019.79</u>		<u>\$ 2019.79</u>

Club room account for year ending 5th March 1974

<u>To Expenses</u>		<u>Income</u>	
Purchase of raffle prize	\$ 120.00	Raffles	\$ 356.94
Advert, raffle result	\$ 1.55	Sale of donated equipment	\$ 204.55
	<u>\$ 121.55</u>	Bottle drive	\$ 35.79
Nett Profit	\$ 526.47	Sale back issues A.R.	\$ 14.00
	<u>\$ 648.02</u>	BBQ	\$ 5.00
		Interest	\$ 31.74
			<u>\$ 648.02</u>
Acc Funds	\$ 534.23		
Nett Profit	\$ 526.47	L.B.S.	\$ 1060.70
	<u>\$ 1060.70</u>		<u>\$ 1060.70</u>

Audited and found correct

C G Waldon

6/3/1974

Treasurers report. Kevin VK7ZAH

This year has been very successful as can be seen from the balance sheet, with a turnover of \$5713.00 and a profit of \$818.24. As the amount of debtors is quite high an explanation would be appropriate, the bulk of this amount is \$415.00 paid to the VK3 division for xtals, these xtals have now been supplied. The only other large amount owing is \$159.96 by the Southern branch for an IGL transceiver, the balance of debtors are for various small amounts.

On the other side of the ledger, the \$188.54 is mainly monies received for the undelivered xtals.

The \$140.00 received for QRM came from our advertisers and the North West branch.

As can be seen \$26.01 was received for insurance commission, this is easy money and members are reminded that we benefit if you purchase your insurance from Federation Insurance and mention you are a member of the W.I.A. Northern branch.

In concluding I would like to thank the members for their patronage of the equipment store over the past year and hope that they will buy even more goods in the next year.

I would like to thank John 7JV for his help during the year and a vote of thanks must go to Carl Waldon who audits our books every year.

Kevin VK7ZAH

Hon. Treasurer

Cont. from Page 6 VHF Notes

This time of the year can provide exotic DX on 6m so don't forget to tune the band occasionally.

The 27Mhz band is a good indicator of a possible opening. On the 23rd, 11 metres was open to W and other countries in the Northern Hemisphere, at the same time weak signals plus some CW were heard by Kevin 7ZAH on 6m, but no call signs deciphered.

73 till next month Joe 7ZGJ

Sorry folks there isn't any more.

Can you help fill this space next month ?

DX Notes by Den VK7DK

We are now almost in the equinox period, and as always, it is wise to keep an eye on the DX, as some unusual conditions can prevail around this time of the year.

During the month I have had the chance to look at the lower frequencies and some interesting calls have been heard, but not worked, well, not by me anyhow.

80 Metres, Phone.

VR1AA, 5/7. SM5BLA, 4/3. YU2HA, 3/3. XV5AC, 5/6. AP2AD, 4/3. Times for these were around 1300Z. Unfortunately the frequencies were between 3.795 and 3.806 Mhz, frustratingly out of our band C.W.. UA3NF, and OK3QA were heard on the low end of the band around 1800Z..

40 Metres, Phone. XV5AC, 4S7PB, KS6DY, 5W1AU, HS4AGN, 9M2CJ and P29PK, all these in a period of 2 hour around 1245Z on 7.070 Mhz. Some of these were worked on a G5RV so keep listening.

C.W.. YU, LZ, HA, UC2, #2, DL7, G3, I2,.. These were heard around 0915Z and also at 2100Z, so it seems we have 2 chances at Europe on 40 C.W., if only one can break through the QRM, which must be really terrific over there.

20 Metres. Stations heard on S.E.A. net this month, amount to almost a who's who in rare DX. The following have been logged XU1AA, XU1DX, A51PN, (name Pradhan, QSL via W1JFL) G3WUY/YK, XV5AC, VU7GV (dont know if in the Laccadives or Andaman Isl.) ST2SA (at S 8) A4XFE, 9K2, EP2WB and quite a few others not so exotic, but I am sure needed by many VK7's.

S.E.A. net meets at 1200Z on 14.320 Mhz and gets around to VK7 about 1220Z plus, lets see VK7 better represented and work these rare ones.

It is reported that T22A is active daily on 14.155/14.165 Mhz at 0730/0800Z, if anyone hears him please ring me, I sure need him. QSL via HB9TZ.

VR6TC, Tom Christian is still active on 14.230 Mhz on his weekly sked with W6HX at 0700Z.

Aland Island, CH0NJ, 14.450Mhz at 1100Z has been very active.

TI9 was to have been on, but was not heard in the North.

JT1AG on C.W., and JT1AI and JT1AG on phone, 14.176 Mhz at 1115Z. Dont forget the W4GEY expedition to BY (China) on 19/21 April, he will transmit on 14.195 Mhz and listen on 14.200 up.

Thats all Folks. 73 Den

VHF notes by Joe VK7ZGJ

The past month has provided several openings on 6 metres including times when the band should have been open but there weren't any operators active.

On 1-3-'74 ZL TV was watchable and VK4QO was worked by John 7JV and Kevin 7ZAH around 2300 local time.

Again on the 3-3-74, 6 metres was open for several hours, stations worked include 4QO, 4ZIM, 4ZAI, 2ZDH, 2ZKY and 2ZRJ, the only Launceston stations on were Kevin and myself.

On the 4th and 5th the VK3 beacon was heard on early morning openings, also ch7 TV was watchable.

On the 5th and 9th ZL TV was almost snow free for several hours on both days, but no stations heard. Around 2230 on the 9th VKØWI beacon was S6. For the remainder of the month things have been quiet with some activity on the 25th chØ from Wagga was watchable for several hours, the VK2 beacon was S8 at 2040 local and VK2ZYP exchanged callsigns with me but QSB prevented a contact being made.

Cont. Page 5

Northern Branch Equipment store PRICE LISTTRANSISTORS

2N3563, 64, 65, BC108	.35
2N3055	\$1.60
2N3866	\$1.00

FET's

TIS88	.60
2N3819	.70
NF500	.50
MPF121	.75
Heatsink to fit TO18	.55

DIODES

EM410 1000 PIV 1 AMP	.45
EM404 400 PIV 1 AMP	.25
HP2800 hot carrier	.90
1N4148 signal diodes	.15
9.1 VOLT 400mw ZENER	.45
4.7 VOLT 400mw ZENER	.50
L.E.D. (light emitting)	.40

RESISTORS

Mixed values 1Watt (bag)	\$1.00
1/2 and 1/4 Watt each	.04
or 100 mixed	\$3.50

CAPACITORS

10 mfd 25 volt electros	.11
22 mfd 25 volt electros	.12
Ceramic disc various	.08
Tantalum 1, 4.7, 10, 22mfd	.25
Trimmers 1-12 pf	.30
5-65 pf	.48

NEOSID

SINGLE BASES	.07
Double bases	.08
Formers	.05
Single cans	.07
Double cans	.08
F16 slugs 2-12 Mhz	.05
F29 slugs 12-200 Mhz	.05
ATAL SOCKETS	.20
COAX CONNECTORS PL259	.80
SO239	.75
FERITE BEADS 6 Hole	.15
MC1550G RF/IF ampl.	\$2.00
7400 series IC's are available ex stock at various prices	
Molex pins for IC's per 100	\$2.00
Printed circuit board 10 X 5 inch	.70
PCB etch resist pens	\$2.00
Relays 4 c/o contacts	\$3.00
Relay bases	.45
Call books	\$1.20
Log books	.80
4 inch 80hm speakers	\$2.00
Belling and Lee plugs and sockets are on order	
We have various IC's linear and logic	

The following items are available through the store on ORDER ONLY
IGL transceivers and convertes, MITS pocket calculators and all
ARRL and RSGB books.

these blank QSL cards are available ex stock
at \$2.10 per 100

V K

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