

THE WIRELESS INSTITUTE OF AUSTRALIA

TASMANIAN DIVISION

BOX 851J, G.P.O., HOBART

JUNE 1964.

MONTHLY BULLETIN

PRICE 6d.

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VK7JD

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VK7KS

Registered at G.P.O., Hobart, for transmission by post as a periodical.

GENERAL MEETING :

The next monthly meeting of the Division will be held in the Club Room, 147 Liverpool St., Hobart on Wednesday 3rd. June 1964 at 2000 hours. The lecture will be "Launceston - Melbourne Micro Wave R.T. System. Your Lecturer this month will be John Macey.

NORTHERN ZONE :

The next meeting will be held on Friday, 12th., June 1964 at 2000 hours, at 102 Charles Street, Launceston. The Lecture - Bryan Eyre's Tape and slides (provided they have arrived - Ed.) plus a Disposals Evening. Note: If any item required by more than one person, the item shall be balloted for.

NORTH WESTERN ZONE :

The usual monthly meeting will be held in Lakin's Hall, Ulverstone, on Tuesday, 2nd. June 1964 at 2000 hours. I am informed that the evening will consist of a Business Meeting.

V. H.F. GROUP :

The next meeting of the V.H.F. Group will be held at the Club Rooms, 147 Liverpool St., on Wednesday, 17th., June 1964. at 2000 hours. Unfortunately I have not any information as to the activities for the evening.

COUNCIL MEETING :

The Council Meeting for June will be held at the Club Room on Monday, 15th., June at 1930 hours.

Subscriptions :

Subscriptions received since May Bulletin to 18. 5. '64.

Acknowledgements and thanks to the following ; VK7DW; VK7EC; VK7MY; VK7ZBE; VK7CL;
VK7ZAC; VK7JF; VK7ZAX; VK7AF; VK7CK; VK7MS; VK7DZ; VK7BT; VK7GK; VK7MH; VK7RL;
VK7PF; VK7BP; ZL3BO; VK7WA; VK7SM; VK7ZAP; VK7ZRJ; VK7ML; VK7NC; VK7BL; VK7TR;
VK7ZBH; VK7MW; VK7ZEC; VK7ZRF : G.R.Crompton; A.I.Bedelph; F.Richelme; R.K.Jaeger;
W.Nicholls; G.J.Harper; B.Kelly; R.Reid; K.Wheeldon; L.Morrell; Miss. A.Landers;
H.J.Ferrall; R.A.Mann; R.Drake; D.V.Johnstone; H.Hiscutt; G.C.Johnston; H.A.Wright;
F.Richards; P.W.Chalk; D.Brundle; R.Jones; G.D.Long.

As it would be unconstitutional to publish names of non Members in this Bulletin
I will withdraw my statement of last month with a little word of advice. Send
your Sub., in quick, before Hon., Sec., sends off the cancellation list to A.R.

I. T. U. Fund :

Received with thanks subscriptions to I.T.U.Fund - this list follows acknowledgements in March Bulletin -:

VK7ZAG; VK7BJ; VK7CT; VK7JO; VK7ZBA; VK7ZAI; VK7ZAS; VK7CK; VK7KH; VK7BT; VK7ZAP;
F.Pienacki; Anonymous; R de Balfour; L.Jacobson; M.Hooper; Northern Zone ex
VK7PF. Well chaps, we have at last reached the half way mark. The above
contributions amounted to £25 - 3 - 6 bringing the total to date to £108 - 1 - 2.
We realise that basically it could appear tough to have to pay to keep your
hobby. But what is a couple of £'s to flogging your gear for a couple of bob !!!

Items Available :

Badges - Full Member - small	5/6	Log Books	5/-
Badges - Associate - large	5/-	R.S.G.B. Data Reference Books	15/-
Car Badge	30/-		

The next page lists equipment for Tender. This equipment was the property of
the late G. Ashman, VK7GA. Applications to be submitted by June, 1964. Council
Meeting - here is a chance to purchase some of that gear you have always wanted
yet never had the chance for such a reasonable price.

ITEMS FOR TENDER contd.

The highest tender or any tender, need not necessarily be accepted. The prices are ex Club Rooms, HOBART.

1 Only Class "C" Wavemeter, with phones and separate A.C. Supply.... Fair Condit.,

1 Only 10mtr. Transmitter. 813 Final, fully metered..... home built.

1 Only Commercial Signal Generator (American) 100kc - 32 megs.

Xtals :- 7084; 7100; 6564? 8047?; 4280; 2275; 2445; 7005; 6825; 4815 kes.

1 Only 10mtr. Transmitter, 2 good meters, 2 good dials.

1 Only Converter 10mtr. 1 Only 813 Valve; 25 yards 75 ohm coax.,

1 Only 10 mtr., regen., 1 - Admiralty Pattern Loud Speaker.

Power supply 600V at 250 MA. + Only Crosley (Rebuilt) Receiver - plug in coils.

Field Regulator .15 Amp. to .5 Amp. 1 Only Monster Pwr. Supply 1250V @ ? 866's

1 Absorption Wavemeter; 1 Only 10 mtr., Superhet 1600 kc I.F.T's

1 Only Pwr. Supply 300V at 200 mA. 1 Pwr. Supply 400V at 100mA reg.,

1 Only Multi Meter D.C. 500; 100; 10; 1 mA. Volts D.C. 1000; 500; 100; 10.

1 Only Jap. Multi Meter (stuck Needle) 1 Pwr. Supply 20mA. 1 ditto 60mA.

1 Only 0 - 15 Amp D.C. Meter with shunt, 1 Pwr. Supply 400V at 100mA.

Quite a formidable list, get that tender in and don't miss out.

YOUTH RADIO :

Zones please note - The following competitions are operating at present, and it is hoped that others will be started during this year.

Candidates must be members of Youth Radio Clubs that have registered for the 1964 session and whose names have been submitted by Club Leaders as bona fide Club members. In addition Non-Club Participants who are duly registered with the scheme may submit entries for these contests.

1. The Australian Radio and Television College of Sydney has offered an ANNUAL SCHOLARSHIP, which involves a FREE Course in Radio Servicing to the winning candidate. For 1964 the minimum qualification will be the Intermediate Radio Certificate. Full details will be published in "Radio, Television and Hobbies" shortly.

2. Club Operating Pennant. A Pennant will be awarded to the Youth Radio Club which makes the greatest number of "on the air" contacts during 1964. Only those contacts made by Club members - not including those made by Club Leaders - must be counted for purposes of this award. Logs and signed statements that these conditions have been met must reach the Federal Co-Ordinator

YOUTH RADIO : continued

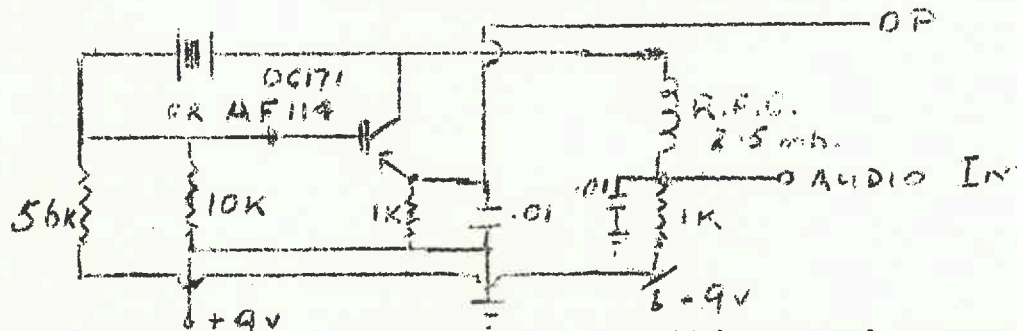
Youth Radio Scheme, not later than 31st January 1965.

3. Morse Code Operating Competition : Later in the year it is proposed that State Competitions will be held to determine Morse Operating Champions. After these have been finalised, it is proposed that a competition will be held to determine the Commonwealth Champions. There will be two grades, namely "Under-15" and "Over-15". The holder of the A.O.C.P. will not debar any Youth Radio Scheme member from participating. Candidates MUST hold the Elementary Radio Certificate as minimum requirement. Club Leaders who have any promising candidates should start training them for this contest, which, it is hoped will be an annual event, with worthwhile prizes and trophies.

from R.C.Black VK2YA -Australian CO-Ordinator Y.R.S.

TECHNICAL -by VK7MY.

TRANSISTORISED PIERCE OSCILLATOR



Although only a simple device, the above circuit has proved a very good one - circuits of a Pierce Oscillator (transistorised) appear to be conspicuous by their absence in most manuals. This one was built in a small plastic box approx. 3" x 2" x 1 1/2" with sockets for most Xtal holders wired in parallel. A simple Audio Oscillator (as on Page 70 of the R.S.G.B. Handbook) was built in the same box with a separate on / off switch for easy identification of the carrier - it was found that this audio could be fed into the Pierce almost anywhere, the junction of the 1k resistor and the R.F.C. being a most suitable point to get at. The prototype is being used by the writer as a frequency spotter in a commercial application and has proved a very useful pocket sized device.

E.A. BEARD VK7EB

for Bulletin Committee.

The Annual Meeting and election of officebearers of the V.H.F. Group was held on Wed 20 th with 10 members and one ~~vis~~ visitor, Bryan McCafferty present.

Election of Office Bearers.

President. Barney Watson, 7ZAK.

Vice Presidents. Rick Gumley, 7ZAT. & Ted Beard 7EB.

Secretary/Treasurer. Wilf Emmett, 7ZAQ.

V.H.F. Broadcast Officer. Philip Corbey, 7ZAX.

Assistant V.H.F. Broadcast Officer. Dave Thorne 7ZAI.

V.H.F. Bulletin Editor. Wilf. Emmett, 7ZAQ.

Activities Committee. Ian Nicholls, 7ZZ, John Macey 7ZOO,
John Grace, 7ZJG.

Research Officer. Geoff. D'Emden, 7ZAS.

Band Activity.

144 MC/S.

Very Little to report. No new stations on in the South, no DX worked. Kevin, 7ZAH, was mobile in Hobart around 7th May, but unfortunately was not down here for long so did not work many stations.

50 MC/S.

Nil to report.

North West Zone Notes by Winston Nickols.

No Interstate Band openings, have been reported this month, and as most amateurs have been building new gear or rebuilding old there has not been much local activity. Kemin 7ZAH now has his mobile gear operating very well, and is running 12 watts to a 5763. Bob, 7ZAA is hard at work on a mobile rig, and when completed will have an 832 final, and will run 15 watts. Mike, 7ZAV, is temporarily off the air because of receiver troubles and other things; hi! Neville, 7ZEE, has moved to a new location, and has been heard occasionally. His new Q.T.H. on Round Hill should be ideal for working across the Strait when conditions are good. Reg, 7ZAO, at Devonport works into Burnie quite often with good signals.

Associates Bruce Kelly, and Winston Nickols are anxiously awaiting results of the last A.O.C.P. Exam.

Of interest to 6 Meter operators, is the fact that the VK5 beacon now operates on 53.0 MC/s.

That is all for this months, chaps,
73 Wilf. VK7ZAQ.
