

— OF AUSTRALIA —

TASMANIAN DIVISION.

P.O. Boz 851J, Hobart.

October, 1961.

MONTHLY BULLETIN.

~~PRESIDENTXXXXXXXXXXXX8888888888XXXXXXXXXXXXXXXXXXXXXXXXXXXX~~

PRESIDENT.

TREASURER.

SECRETARY.

Mr. T. Allen,

Mr. C. Harrisson

Mr. K. Millin.

VK7AL.

VK7CH.

VK7KA.

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

General Meeting.

The next General Meeting will be held at the Club Rooms, 147 Liverpool Street, at 2000 hours sharp. The date Wednesday Oct. 4th. (Visitors will be welcome at all hours?)

LECTURE.

The lecture this month will be given by Mr. J. Brown and is entitled "Basic Transmitters". This will be of considerable interest to old and new members alike and enthusiasts should look forward to the lecture.

Chairs for Clubrooms.

Your Executive is at present trying to procure chairs for the Clubrooms and it is in the interests of members to assist in this very necessary effort. Otherwise our meetings will be the only ones held in vertic animation. All offers will be gratefully received and minor repairs can be effected if required. Three piece lounge suites would be especially welcome

ZONE MEETINGS. No indication has reached your Editor to date of the time or place of meetings normally conducted by the Northern or North-Western Zones. We have not forgotten them and hope to hear from them in due course.

VHF Group. (The Boffin Boys)

The next meeting will be held at the Clubrooms on Wednesday 18th October at the usual time. Listen to 7WI for details of activities.

Fifteen members voyaged to Llanherne Airport at our last meeting, finally struggling back to town at 0030 hours Thursday. It was a most interesting evening burning around in DCA wagons inspecting various installations from a 3^{kv}. pulsed 300 Mcs. DME to a number of 100 watt 130 Mc. transmitters, not to mention the control tower with, of all things, 522 Tx. and Rx. on 118 Mcs. AR7RX's also seemed quite popular.

Our CW experts seemed to appreciate the fact that the TTR Sig. sent out from Teatree had the T's too closely spaced.

We really had quite an enjoyable and informative evening. Michael EZAV, had the thrill of a pocketed 8X, 150A (500 watts on 500 Mcs. for the DC banders), for a few moments.

Three mobiles using our 2MX communicators were actively engaged on the trips down. 7ZQA and 7ZAI (Easy Baker) doing the talking running bumper to bumper and 7ZBE finishing a few miles further back.

We nearly did not have Bryan 7ZBE who was unlucky enough to miss out on accommodation at East Risdon and was told by a law man "Transmitters in cars are illegal". The said officer will be finding things out through official channels no doubt; can't blame the fellow though, Bryan did look somewhat like their usual customers in the "bulls" on Monday at 9 p.m. and a mobile around 76Mcs. would be a good investment for him.

Our exhibit at the Hobbies and Careers Exhibition went well. 7ZAV had over 100 contacts on VHF, many of them 2/3 hours duration. Those who know will realise that only "The Voice" could have talked that long

Cross Band Duplex Contacts seemed to provide the most interest. Received soon quite good publicity via TV and Best. stations. Only bad result was the capture of David 7ZAY by a visiting YL. 7ZAV managed to elude them. We hope David will not be out of action too long.

New calls heard on the 2MX are Neville 7ZEE and David 7ZAY within a block of each other at West Hobart. Neville is using borrowed gear says his Z call is only transitional but has bought a 522. Personally, I am stumped I can't see how he'll get the thing going on 40MX and it hasn't a key jack so what will you use it for Nev? ~~The~~

The person generating an FM signal on 49.5 Mcs. with QSB peaking East is requested to make himself known as he is disrupting 7ZAV's TV viewing. Michael has been hearing it rather frequently recently and is becoming tired of racing up and down stairs to listen for DX which does not arise. This is particularly unfortunate as Michael lives in a reconditioned lighthouse. It has even got him building AVFO.

Have you noticed that Ned Thonre's (7ZAI) ute's number plate? Change the "W" to "Q" and you have QRM. and how.!

I would be interested to hear your suggestions and info. to make this page more "readable". Anonymous letters gratefully accepted and asbestos notepaper provided free. All libel suits now and in the future to be thrown at my manager 7ZAS, who put me up to this.

The foregoing VHF notes compiled and singed by R. EMMETT VKZZAO.

S.W.L. Group.

Last meeting. We had a very good attendance at this meeting. After business was dispensed with several old sets were beautifully torn apart by the younger members with the aid of soldering irons which were donated by some members. We did not have time to complete the job but next meeting this will be done and parts sorted. The chassis will be very useful for power supplies and converters. Those who kindly donated their receivers are thanked by one and all.

Next Meetin.g

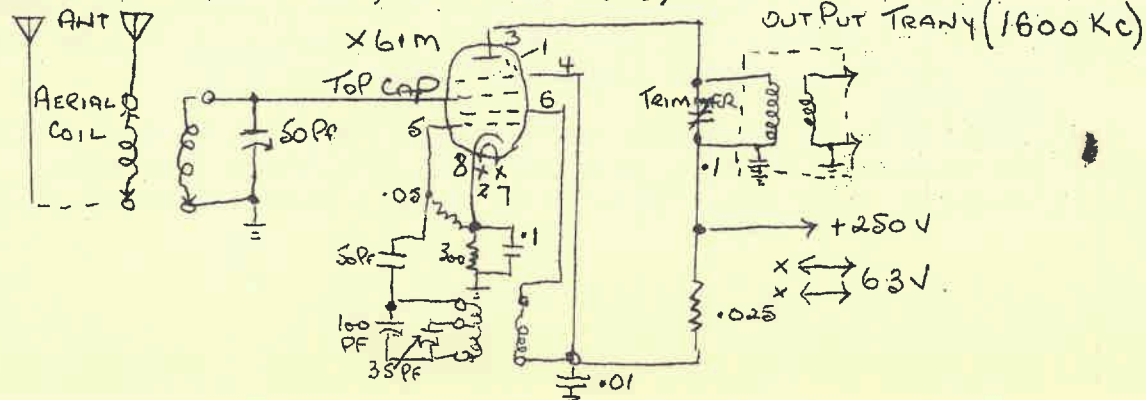
As I said above, we intend to finish dismantling the receivers and any others we collect in the meantime. We would like to see as many of the junior members as possible and of course the older members and any visitors are very welcome.

LISTENERS REPORTS.

I received two letters this month, one from Joe Gelston of Westbury and the other from Tony Redelf of Smithton, both are members of the Inst. and have applied for membership in the SWL group. Thnak you very much for writing fellows, details of SWLing will be forwarded to you as soon as poss. Joe included a description of his gear which comprises of a Japanese Army RX for 80 MX and a good dual wave BC set for 40, 20 and 15. He is also building an H.F. RX., and a 1 metre converter

Fine Joe', it is interesting to hear what you listen with. How about the rest of you chaps? Even if it is only an old dual wave set, it is interesting for others to hear what you can receive and also the type of antenna you use

Technical H.F. Band Converter, 1600 Kc. I.F.)



S. W. L. Technical (Contd).

This month I will cover the circuit and coil data and in the next bulletin construction and helpful hints on same.

As you can see the circuit is straightforward and simple. Plug in coils are used. With no change in circuitry these valves can be used. . . X61M, ECH 35, 6J8G 6J8GA. I used the X61M with good results.

Coil data

3.5 Mc. Aerial Coil - Primary 7 turns close wound
Secondary 45 turns close wound

Oscillator coil-Grid 22 turns spaced to one and a quarter inch tapped fifteen turns from earth

Feed back- 6 turns close wound

7Mc aerial coil- Primary 6 turns close wound

Secondary 45 turns close wound.

Oscillator coil- Grid 22 turns, spaced to $1\frac{1}{4}$ inches tapped fifteen turns from earth feed back 4 turns close wound.

14 Mc. Aerial coil-Primary 5 turns close wound

Secondary 14 turns spaced to $1\frac{1}{4}$ "

Oscillator coil-Grid 7 turns, spaced to 1" tapped three turns from earth. Feed back 2 turns interwound with lower portion of grid winding.

28 Mc. Aerial coil- Primary 4 turns close wound

Secondary 7 turns spaced to $1\frac{1}{4}$ ".

Oscillator coil- Grid 3 turns spaced at $1\frac{1}{4}$ ", tapped 1 turn from Ea. Feed back 2 turns interwound.

Note All coils are wound on $1\frac{1}{4}$ " dia. Plug in formers with 22 gauge enamel wire. All windings are in the same direction.

Aerial coil primary spaced approx. $\frac{1}{8}$ " from earth end of secondary. Feed back winding for 3.5 and 7Mc. coils spaced approx. $\frac{1}{8}$ " from earth end of grid winding. That's all for now, see you next month.

73, Mike Jenner L7007-VK7ZAV.

SCOUT JAMBOREE OF THE AIR. October 21/22.

If you don't happen to be helping a particular Scout Group, could you come on the air and give the boys a contact?

VK-ZL Contest.

Phone 30th September, 1st October

CW. 7th October to 8th October. From 1000 G.M.T. to 1000 G.M.T.

NOTE. WOULD MEMBERS PLEASE NOTE THAT ALL APPLICATION FORMS MUST HAVE THE APPROPRIATE MEMBERSHIP FEE ENCLOSED OTHERWISE THE APPLICATION FROM WILL NOT BE ACCEPTED.

Q.S.L. BUREAU.

Outwards cards to all but VK7 cost 1d each. No remittance, cards will not be forwarded.

CALL BOOKS.

As yet, no call books or log books have come to hand although the order for same has been in for some considerable time.

COUNCIL MEETING.

The next Council meeting will be held on October 19th at the residence of Mr. I. Nichols, Cressy Street, Newtown This date is the absolute deadline for any notes to be included in the bulletin.

EDITORIAL.

We do extend our gratitude to Mr. Ian Nichols for condescending to join us smaller fry in the Fox hunt. Although lead astray by this veteran navigator there was no doubt of the strength of signal emanating from a certain milk bar near the corner of Goulburn Street and Barrack Street whereupon after a tap dance by 7ZAS the crew withdrew because of the QRN and continued chasing the hounds. The coffee provided by 7ZBE stimulated us to later success.

We are informed that VK7EB upon purchasing a new lighter of Japanese make asked what the spare parts were and was told "Spare flints, wick and spare thumb".

