

THE WIRELESS INSTITUTE OF AUSTRALIA

Tasmanian Division.
Box 851J. G.P.O.
HOBART.

MONTHLY BULLETIN.

Price 6d.

NOVEMBER 1960.

PRESIDENT.

Mr. T. Allen VK7AL.

TREASURER.

Mr. C. Harrisson.
VK7CH.

SECRETARY.

Mr. K. Millin.
VK7KA.

MEETING PLACE. 147 Liverpool St. Hobart.

GENERAL MEETING: The next General Meeting will be held at the Club Rooms 147 Liverpool Street on Wednesday November 2nd. at 1960 at 2000 hrs.

LECTURE: The Lecture this month is not quite definite but in all probability will materialize OK and will deal with the use of T.V. components in amateur equipment. So come along and then you will also be able to find out who the Lecturer will be. It should be a very interesting evening. As for last month, bring as many visitors as you desire, the more the merrier.

N.W. ZONE: The next General Meeting of this Zone will be held on November 1st at Headquarters Burnie Fire Brigade. Note change of venue. All members urged to attend.

NORTHERN ZONE: The next Meeting will be held on November 11th at the residence of Mr. Max Chaplin, 54 Bald Hill Rd. at 2000 hrs.

ADVERTISEMENTS IN BULLETIN: At the last Council Meeting the following motion was passed -

"That a charge of Two Shillings and Sixpence (2/6) be made for "(For Sale" and "Wanted to Buy" paragraphs inserted on behalf of Members in the Monthly Bulletin and the usual commission of 10% charged on goods sold as a result of any "For Sale" advert. Proceeds from advertising to go to the Building Funds, commissions to go as usual to the Equipment A/C."

Members are relied upon to pay the said 10% to the Hon. Treasurer but ALL advertisements MUST be PREPAID.

S.W.L. GROUP: The next Meeting of this Group will be held on Nov. 9th. An interesting evening has been arranged and will be a visit to an undisclosed place. I have a rough idea where this is and it will be well worth the effort of getting to this Meeting, both S.W.L. and Full Members alike.

V.H.F. GROUP: This Group will meet on Wednesday Nov 16th same as the S.W.L. Group at the Club Rooms. No information on activity this month as yet.

"AMATEUR RADIO." Some doubt seems to exist in the minds of some of our more recent members concerning "Amateur Radio". The sub to this Journal is included in your Annual Subscription. The reason you do not receive it as soon as the Monthly Bulletin is because it takes considerably longer to have your name placed on the Circulation List as said List is always sent to "A.R." at least a month in advance. The same applies to Members who have had their names deleted as a result of non-payment of subscriptions, it takes a while for it to get going again. This latter one could be avoided by the prompt payment of subscriptions, to say nothing of a lot less work for yours truly. Also considerably less expense on the postage side.

FUND RAISING COMMITTEE: The Club Room Fund Raising Committee has set itself two targets. The first is to raise as a preliminary sum the amount of £2500/-/- and the second target is to do it in 3 years. When it is realised that two shillings per week for 3 years from each Member in VK7 will produce £2250/-/-, both targets are not beyond realisation.

The Committee has many ideas how to raise the money. First, we ask you for a donation. The more we get now, the greater income the fund can produce, which in turn means the less we individually have to find, so please send your donation now, either personally to the Treasurer, to to Box 851J, G.P.O. HOBART.

Other fund raising activities planned at present are as follows :-

20th November 1960 A FIELD DAY, commencing from the CUSTOMS HOUSE HOBART at 1000 hrs on Sunday 20th November. ENTRANCE FEE - 10/- per car. Hidden transmitters, 3515 KCs, and on the 144 Megacycle band. Get your mobile equipment ready. Bring along your mobile transmitter as well, and have lots of fun. Bring your lunch, and the family - it will be an all day affair. If the weather is doubtful on the day, or impossible, listen to VK7ZZ on 7073 KCs at 900 hrs for any decision.

7th December 1960 AUCTION AT THE CLUB ROOMS, 147 Liverpool Street, after the General Meeting. Make a gift of that surplus gear you have around the place, and we will sell it for the benefit of the Fund. To help us classify and tag the gear for better presentation, bring your gift gear along to the November Meeting.

16th December 1960. CABARET. The Committee has organised a Cabaret at the HOTEL BELTANA, commencing at 2000 hrs on Friday night, 16th December. ADMISSION - 3/- per single ticket, 5/- double ticket. A late licence will be operating. Bring your XYL and or/YL, friends and any members of the public you can induce along. All profits go the Club Room Fund.

TECHNICAL: 100 Watt 50 OHM DUMMY LOAD. A Dummy Load can be a most useful adjunct to the equipment in your station. The following is a very simple, low cost dummy load designed to cope with 100 watts of RF Output.

CONSTRUCTION. Obtain two brass circular plates of diameter about 3". Drill a hole in one plate large enough to take the centre of a standard chassis mounting coaxial fitting. Around this hole drill holes in the appropriate places to take the fastening screws to hold the fitting to the plate. Drill a hole in the centre of the other brass plate to make a snug fit for a quarter inch brass rod. This piece of quarter inch brass rod should be a little less than 2" in length, drill a hole in one end of the rod so that the centre conductor of the coaxial connector makes a snug fit in it. It is a good idea to drill a hole at right angles so that solder can be flowed to hold the centre conductor firmly in place. Solder the brass rod in its hole in the bottom brass plate. The brass plates are kept rigid and properly spaced by the use of two inch insulators between them. Then divide the circumference of each brass plate into ten equally spaced sections, make a small slot in each plate at each of these markings or divisions, just large enough to accept the wire tail of a resistor. Connect a 500 OHM 10 Watt non-inductive type wire-wound resistor between each of the ten pairs of slots in the brass plates and solder the leads in. The job is now done, except for connecting the dummy load to the rig by coaxial cable. Despite the use of wire-wound resistors, the reactive component has been found to be quite low. It is claimed that the VSWR is 1 to 1 up to 21 Megacycles, and only 1.2 to 1 at 30 Megacycles.

FOR SALE: 1 GELOSO V.F.O. with 6J5, 6AU6 and 6V6 Valves mounted in chassis and panel with band switched coils for final. Tuning and loading condenser; also aerial changeover relay ... £8.

All for this months,

73. K.E. MILLIN. Hon. Sec.