

THE WIRELESS INSTITUTE OF AUSTRALIA

TASMANIAN DIVISION

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

NOVEMBER 1964

MONTHLY BULLETIN

PRICE 6d.

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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, 4th. November 1964 at 2000 hours. Remember the lecture ably presented a few months back by Tom Ward ? " Introduction to Pulse Techniques " Part 2 of this informative talk is to be this month's lecture, and will deal with the practical application of the subject.

NORTHERN ZONE :

The next meeting will be held on Friday the 13th. November at 2000 hours. To those who have not been regularly attending meetings PLEASE note change of address of Club Room. Adult Education Centre, 51 York St., Launceston. Unfortunately I am not aware of the activities and/or lecture for the evening - however as I said last month - support your Zone and go along and inspect your new Club Room - there is plenty of room for everyone.

NORTH WESTERN ZONE :

The usual monthly meeting will be in Lakin's Hall, Ulverstone, on Tuesday, 3rd. November at 2000 hours.

V. H. F. GROUP :

The next meeting of the V.H.F. Group will be held at the Club Rooms, 147 Liverpool St., Hobart, on Wednesday, 18th. November at 2000 hours. Have you supplied Geoff, VK7ZAS with the necessary info ? Just in case - Date of obtaining Licence; Date and call - sign of station with which you had your 1st. contact.

COUNCIL MEETING :

The November Council meeting will be held at the Club Rooms on Monday, 16th. November, at 1930 hours.

SUBSCRIPTIONS :

Acknowledgement and thanks to R. J. Everett

I. T. U. FUND :

Received with thanks subscriptions from the following : VK7JO;
VK7JB; VK7SF; VK7ZAO; VK7ZAH; R. Stranz; B. Muir; R. Geeves; N.W. Zone meeting;
Northern Zone; Mrs. Noel Stutterd; and F.C. Mills.

Please remember, there is little over a month before the deadline. Dont let
them take our hobby from us by being complacent. Broadcast Officers and Zone
Secretaries - make November I.T.U. month - members, ask your fellow member if
he has contributed - in short a number of us have made an investment - now
let us all make sure of a good dividend by at least reaching the target -

TENDER CLASS " C " WAVEMETER:

Mr. R. H. Weldon was the successful tenderer.

HAMFEST :

Yes, believe it or not the Hamfest is around once more, this year
your Headquarter Zone is organiser.

Date. Saturday and Sunday 28th. and 29th. November 1964.

Location : Same as previous years - Mr. J. B. Muirhead's property Campbelltown.

Programme : Saturday P.M. 8.00pm Fox Hunt; Barbecue and amber refreshment on

Sat., night. Sunday A.M. 2 pm. Fox Hunt; 2pm. Get together with Council
(moans and groans at the hamfest please - dont wait until you get home.)

3 pm. Sunday : Disposals Sale.

There is to be an American Tea to raise funds for the I. T. U. Bring something
(donation) and buy something - it does not matter what it is - jam; cakes;
preserves; husbands, in fact anything.

Whilst there will be a certain amount of organisation the Hamfest will not
necessarily be a technical week - end, but an outing for the family and a
chance for eyeball contacts with your friends from other parts of the State.
My last suggestion - dont leave your arrival until Sunday noon, help make
the show by contributing with your presence for the full weekend.

FOR SALE:

Type 3 Mark 2 , complete Tx/Rx combination, in wooden case. Tx 30 W
xtal controlled, CW and AM, R.F ammeter, microphone, 80 - 40 - 20 mhz.
Receiver section 4 valve 7 stage superhet with speaker and phones. Operates
from 240 volts A.C. or 6 volt battery. Spares and instruction book. This is
a very compact set and is in full going order.

continued /

FOR SALE....continued.

Loop Aerial with mechanical rotator for remote operation.

30 Watt Transmitter Geloso V.F.O. and 807 final, C.W. and A.M. phone with screen modulation, 80 to 10 metres, Pi coupler output, heavy duty A.C. power supply which could also power a receiver. Xtal microphone, completely shielded. Works well.

A.R.14 Battery Receiver 110 kc to 16 mc. with excellent plug in coils, R.F. stage, regenerative Detector, two stages audio and loud speaker. 1.4v valves . Rebuilt into two metal cases. Vernier tuning dial. Very sensitive and works very well. A very useful receiver.

MODULATED OSCILLATOR General Radio manufacture. Dry battery operated. Plug in coils covering 160kc to 40mc. , two Western meters, one with dual range, well shielded.

Genmotors (a) 12 V to 230 V. (b) 18 V to 450 V. (c) 28 V to 320 V.
(d) 28 V to 575 V.

Miscellaneous Equipment including AP5 VFO/CO unit, pair of portable linemen's magneto telephones, 75 and 50 ohm coaxial cable, insulating sheets-(mostly fibre in various thicknesses, headphones etc.

Offers to VK7LJ - 5% of sales to I.T.U. fund.

No ! I am not closing down - just making way for new gear. (Wonder if he is contemplating S.S.B?.. Editor).

As I'll be on holidays during November I suggest you ring before calling, but will be home most evenings.

L. R. Jensen, VK7LJ, 313 Park Street, New Town, Phone 8 1369.

S.S.B. PEAK POWER

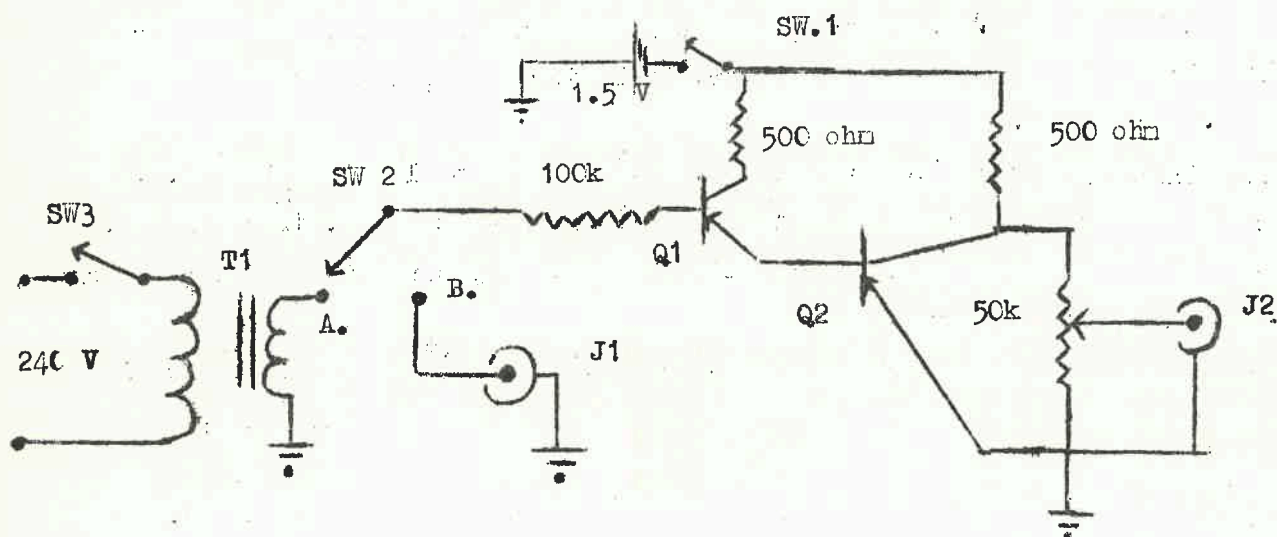
The British Amateur Licence Rules and Regulations have recently been modified and now include S.S.B. operations. A British SSB operator is now officially limited to the same peak power output as that produced by a 150 watt input class C AM transmission, 100 per cent modulation.

The apparent DC input to the SSB amplifier to produce this peak output is of no concern, it may be higher or lower than average, depending on the mode of operation of the linear amplifier. An instantaneous output voltage indicator like an oscilloscope naturally is essential to monitor these conditions,

Acknowledgements to N.S.W. Bulletin... October 1964.

TECHNICAL

THE SQUARER



A very simple and handy device this one, with quite a fast rise time. Will square either the 50 cycle sine wave from filament winding or the sine wave from an external Audio Oscillator.

LEGEND : T1 - 6.3 V Filament Transformer.

Q1 and Q2 - CK722 Transistor or equiv.

SW2 - Pos. A - Internal 50 cycle

Pos. B - External Audio Osc. applied through J1.

J2 - Output.

Well, that just about winds it up for this edition chaps. PLEASE dont forget
NOVEMBER IS I. T. U. MONTH - HELP TO RETAIN THE BANDS AND YOUR HOBBY.