

THE WIRELESS INSTITUTE OF AUSTRALIA

TASMANIAN DIVISION

SEPTEMBER 1964

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

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, 2nd. September 1964 at 2000 hours. The lecture will be " Introduction to Pulse Techniques ". VK7SW will be the gent. up in front - so square Mum off, dice the "Goggle Box" because it promises to be a most informative evening.

NORTHERN ZONE:

Will all Northern members please check with your Zone President VK7DK as to the location of your new meeting place, as I have not received any advice to date whether a new place has been obtained.

The Northern Zone meeting date is 11th., September. 1964 at 2000 hours.

NORTH WESTERN ZONE:

The usual monthly meeting will be held in Lakin's Hall, Ulverstone, on Tuesday, 1st., September 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., on Wednesday, 16th., September, 1964. at 2000 hours. No info has been received as to the activities of the evening.

COUNCIL MEETING :

The next Council Meeting will be held in the Club Rooms on Monday, 21st., September, 1964 at 1930 hours.

R.D. CONTEST.

Just a reminder chaps - dont forget those logs, if you havent any log sheets, just ask the Hon., Sec., at the next General Meeting, listen to the Broadcast for further particulars. Log sheets have been forewarded to all Zone Secretaries.

LIBRARY BOOKS :

Perhaps we should have a "Conscience Week" at the Club Rooms next general meeting night. YOU could have a mag. or book that someone else might like to read - please check and kindly return same - thanks.

S. W. L. GROUP :

As most members know, the S.W.L. Group was disbanded due to apparent lack of interest plus the fact that most of the active members qualified for their Licence - if a minimum of say twelve (12) members would advise the Secretary that they would like the S.W.L. Group to reform - Council will make arrangements to assist in respect to the making available of the Club Rooms for a convenient night plus assisting in the re - formation of the Group.

SUBSCRIPTIONS :

Subscriptions received with thanks.

E. Greenhalf; J.W. Wanless and B.J.Redell.

I. T. U. FUND :

Received with thanks subscriptions to the I.T.U. Fund - this list follows acknowledgements in August Bulletin -;

VK7MX; VK7LJ and Mr. R. Wilson.

I feel, as Editor, that a brief description should be given, as to the meaning of, and the reason for this Fund. I also refer you to past copies of " A.R. " for a more detailed description.

The initials I.T.U. stand for International Telecommunications Union; an international body with its headquarters at Geneva, which endeavour to clarify the problems of frequency allocations for the growing number of frequency users. Amongst this group of frequency users are the amateurs, in Australia the Amateur population is represented by the "Wireless Institute of Australia ".

Until recently the practice has been to hold full scale conferences dealing with the entire radio spectrum, but now the tendency is to hold smaller ad hoc conferences dealing with specific frequency allocations and these are held more frequently.

Never before has the amateur world faced such problems relative to its frequency allocations as it has faced in the past decade - and it must expect to face EVEN GREATER PROBLEMS in the future.

I. T. U. continued.

Thus the W.I.A. representing the VK amateurs must be represented at any conference in which our frequencies are being discussed .

To achieve this a special fund has been set up, and targets have been set for the various States. The target for Tasmania being£200. 0. 0

The following should complete the picture :-

ZONE	DONATIONS	TARGET	BALANCE
SOUTH	£60. 12. 9	£130. 0. 0	£69. 7. 3
NORTH	£28. 5. 0	£ 35. 0. 0	£ 6. 15. 0
NORTH WEST	£18. 0. 0	£ 35. 0. 0	£17. 0. 0
	£106 . 17. 9	£200 . 0. 0	£93. 2. 3
+ Sundries	£ 15. 5. 10		
TOTAL	£122 . 3. 7		

giving a final balance of £77. 16. 5 to be donated by December 1964.

YOU dont have to be a Licenced Amateur to contribute to this fund. If YOU derive any pleasure or benefit from the W.I.A. or Amateur Radio it is your duty to help make sure you retain your hobby.

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JAMBOREE OF THE AIR :-

At the August Council meeting Council had the pleasure of meeting Mr. I. Hunter who has been appointed by the Scouting movement in Tasmania as State Organiser. The following is the proposed grouping of Scouts with the Amateur Stations concerned with the JAMBOREE.

VK7SK.....Howrah.

VK7JB.....13th.Hobart.

VK7RXWarrane.

VK7GV.....Kingston

VK7EJ.....P.O.W.Bay, Claremont,
Chigwell.

VK7CT.....Huonville.

VK7YY.....4st.Hobart, Y.M.C.A.,
1st. Sandy Bay.

VK7JD.....6th.Hobart.

VK7TA8th. Hobart.

Note..Jamboree of the Air weekend

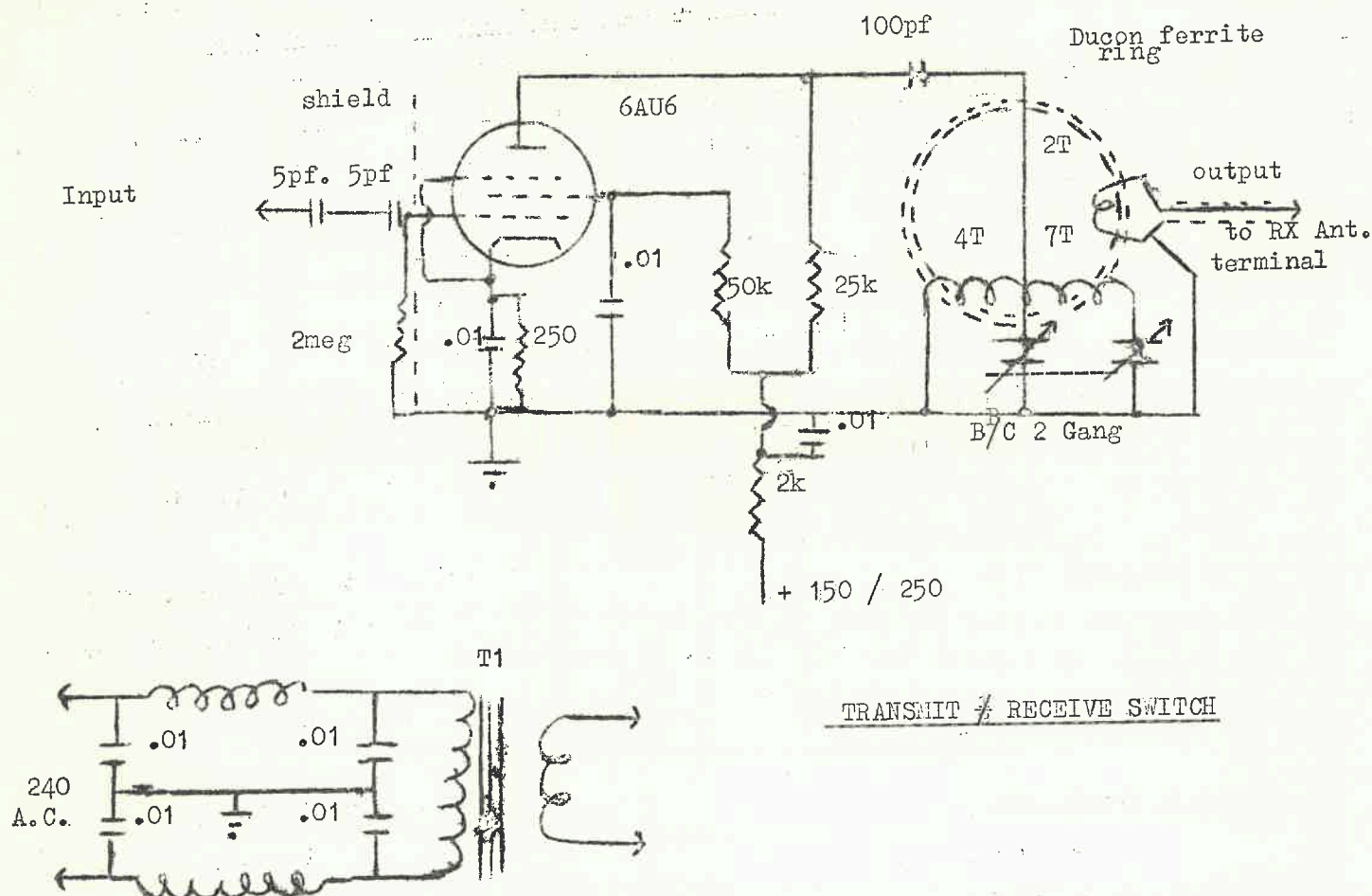
17th. 18th. October 1964

VK7EB.....16th.Hobart.

VK7ZZ1st.Derwent.

It has also been proposed to try and coax an operator for VK7WI for 2nd.Hobart and Battery Point Scouts. The North and North Western Zones I believe have their grouping in hand. Remember chaps, this is not a Contest. The principal aim of the Jamboree is to enable the Boy Scouts in Tasmania to meet "On The Air " Scouts in other parts of the Commonwealth and the World (we hope).

TECHNICAL : by G. W. Groves. VK7XL.



Input may be taken from the plate of the P.A. stage or direct from 70 ohm co-ax feeder from aerial. Although a mismatch is indicated when connected straight ~~from~~ to the feeder, I find it gives best results in my particular case. (Also the applied voltage is much lower.)

T1 is a 240 / 6.3V filament transformer - a speaker output transformer is just the thing - 5000 / 3 ohms works out near enough..

The gain from this circuit is quite substantial on 3.5 and 7 mc/s and quite good on 14mc/s also. It has not been tried on higher frequencies.

All T/R switches allow a small amount of RF feedthrough - the voltage measured on open circuit output was 2 volts. This is of no consequence provided the first R.F. stage in the receiver has its grid capacity coupled to the R.F. tuned circuit and the grid bias resistor earthed - or if A.V.C. is used - the bottom of the grid resistor goes to A.V.C. line instead of earth. In both these cases the value of the grid resistor is 1 meg.

73's until next month of

E.A.BEARD VK7EB
for Bulletin Committee.