

THE WIRELESS INSTITUTE — OF AUSTRALIA —

TASMANIAN DIVISION

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

September 1962

MONTHLY BULLETIN

Price 6d

PRESIDENT

Mr. T. Allen VK7AL

TREASURER

Mr. C. Harrison VK7CH

SECRETARY

Mr. K. Millin VK7KA

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, 5th September at 2000 hours.

A lecture is being arranged but at present it is not definite what this will be. Listen to VK7WI broadcast on Sunday, 2nd. September, for further information.

NORTHERN ZONE

The next meeting is on FRIDAY, 14th September at 2000 hours at 73 George St., Launceston, above the Lutwyche Radio Store. There is a bell press on the left hand side of the door - ring this for service. Seating has not yet been organised so members are asked to bring along a chair or something to sit on. Lecturer on this occasion will be Mr. D. Kelly VK7DK and his subject : "Systems of Remote Control"

NORTH WESTERN ZONE.

The Annual Meeting of this Zone was held on 7th August and the following office bearers were elected for the coming year :

President	Mr. K. Saxon VK7AI
Vice Presidents	Messrs. K. Hancock VK7KH G. Groves VK7XL
Secretary	Mr. D. Slowan VK7MS
Treasurer	Mr. M. Ives VK7MX
QSL Officer	Mr. G. Groves VK7XL
Zone Correspondent	} Mr. H. Young
V.H.F. Officer	
TVI Committee (Burnie)	Messrs. W. Nickols, S. Medford, G. Fink.
TVI Committee (Devonport)	Messrs. G. Groves, D. Slowan.

The next meeting will be on TUESDAY, 4th September at Larkins Hall, Ulverstone at 2000 hours.

COUNCIL MEETING

The next Council Meeting is on MONDAY, 17th September at the residence of Mr. I. Nichols VK7ZZ.

CLUB ROOM FUND.

Social. The fund raising committee have arranged a social evening at the C.W.A. Rooms, Criterion St., Hobart, on SATURDAY, 29th September commencing at 2000 hours. Tickets are £1 per head for which sum an ample supper and all liquid refreshments, music, etc. will be provided. Visitors are very welcome, so make up a party and bring along your friends, male or female. If you know of anyone who may be interested give their names and addresses to any member of the committee, who will see that an invitation is forwarded.

Admission will be by ticket only which will be available until 17th September. This is necessary to allow time to finalise catering arrangements. Tickets will be available at the September meeting or may be obtained from Mr. C. Harrison, A.N.Z. Bank Ltd., 154 Liverpool St., Hobart.

Auction. The auction held at the last meeting and sale of the Geloso VFO resulted in a total of £27-15-3d. for the funds. This amount included donations from Messrs. L.R. Jensen VK7LJ and M. Jenter VK7ZAV, which we acknowledge with thanks. Total of the fund now stands at £349-13-1d.

RADIO AMATEUR NOTEBOOK.

This session conducted by W2SKE through the Voice of America on approximately 5980 kc/s is being received very well each Sunday at 1745 EAST. An interesting programme especially for hams.

RADIO AMATEUR CALL BOOK MAGAZINE.

We have the March 1961 and December 1961 issues of the American section of this well known call book on hand. Best offers by September 17th gets these. They are usually auctioned at our meetings, but this will give those who cannot get along to the meetings a chance to get one.

FOR SALE

One 12" Western Electric speaker in first class order for the modest sum of £5-10/-. This is a quality job you will be proud to own. Contact C.L.Hughes, Phone 7 7399 night or 7 6717 day.

Short wave receiver, covers approximately 2.5 to 9 mc/s with provision for another set of coils to cover another band as desired. Comprises 6AN7 mixer 6BA6 I.F., 6BA6 I.F., OA81 second detector, $\frac{1}{2}$ 12AX7 A.F. Amp., 6AQ5 output, diode noise limiter and BFO. Separate 240v. power supply. 3C speaker mounted on receiver chassis $9\frac{1}{2}$ " x 6", slow motion dial and S meter. Price £14-10/-. See Mr. J. Oliver VK7JO, 83 Montagu St., New Town.

JAMBOREE OF THE AIR

This exercise will be conducted between 1000 hours Saturday 20th October and 1000 hours Monday 22nd. October. A committee comprised of representatives from the Boy Scouts Association and the Division has been formed to regulate the whole affair. W.I.A. representatives are VK7EB and VK7ZZ. Any stations expecting to take part are requested to advise either of above by 17th September and let him know (a) The hours between which the station will be available each day for use by scouts (b) Any preference he has as regards a scout group or groups he wishes to have at his station (c) The location or locations from which the station will be operated and (d) Whether the station will be operated from a camp site or scout hall if requested by the Committee.

DISPOSALS

Members who ordered tubing advertised last month can collect it at the next meeting, or if this is not possible contact VK7CH who will arrange a convenient time. All we had has been disposed of.

A.O.C.P. CLASS.

More copies of the ARRL Handbook would be welcomed. To be quite candid the response has been poor, but to the few who have already donated a copy we extend our thanks.

SILENT KEYS.

An attractive frame has been obtained in which to display these cards and will be hung in the Club Room. However, we still need cards of VK7XA and VK7MR to complete the record. If anyone has one it would be most welcome.

V. H. F. NOTES by N. Fisher VK7ZEE

The next meeting of the VHF Group will be on WEDNESDAY 19th September and you will be notified via the broadcast of the lecture or visit. The VHF Relay Officer notified at the last meeting that the re-broadcast frequency on 6 metres will be 52.080 mc/s when the band allocation is changed and you are requested, when ordering crystals, to keep clear of this channel.

Interest was centred on a North-South on Sunday 19th August on 2 metres. David and Danny VK7ZAI and VK7ZDM operated from Kelso and Bob VK7ZAL operated from Mt. Wellington. Considering the poor weather conditions Bob put a very strong signal into Oatlands, but no two way contact with the North was established. The attempt was abandoned at about 1330 hrs but it is expected that further attempts will be made before the "Portable Neds" return to Hobart. Frequencies used are : VK7ZAI 144.35 and 144.28. VK7ZAL 144.65. VK7ZEE 144.33 and 145. VK7ZBA/M 144.45.

You will notice that there are no VHF notes in this month's "A.R.", the reason being that no news of interest was available. Could all zones please pass on anything they can to me.

RECEIPTS

Receipts are made out for all amounts received, but to cut down on our postage we have not been posting them unless specially requested. In future each month we will list members for whom receipts are being held, and the receipt number. This will at least let you know that your remittance has been received. They can be obtained from the Treasurer if desired.

Receipts from 1/7/62 to 20/8/62 includes general fund, club room fund and disposals :

528 D.M. Watson, 529 R.W. Harrex, 530 F.H. Young, 531 B. Kelly, 532 P.A. Jones, 533 C. Frisby, 534 P.J. Edwards, 535 A.J. Manning, 536 R.B. McLean, 537 M.R. Bethune, 538 N.D. Barrett, 539 L. Durkin, 540 R.J. Simpson, 550 D.H. Watkins, 552 R.V. Bulman, 553 D. Bulman, 554 D.H. Maldon, 558 H.W. Hancock, 560 M.C. Bolch, 562 E. Beard, 563 R. Reid, 40 B. Eyre, 48 C.L. Hughes, 49 H.E. Hutchinson, 68 S. Moore, 71 L. Cordell, 72 A. Hubbard, 73 D. Fisher, 76 C.L. Hughes.

THIS MONTH'S REMINDERS.

Tuesday	4th.	N.W. Zone Meeting
Wednesday	5th.	Monthly General Meeting.
Friday	14th.	Northern Zone Meeting
Monday	17th.	Council Meeting.
		Last day for Social tickets.
Wednesday	19th.	V.H.F. Group Meeting.
Saturday	29th.	Social Evening.

TECHNICAL

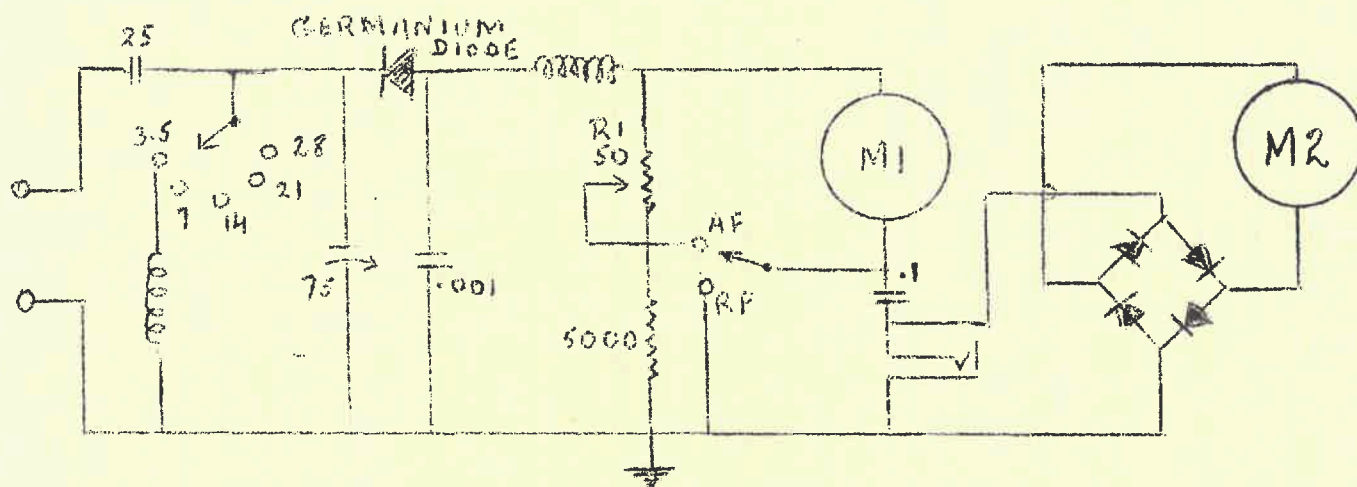
Modulation Check by A.H. Morrisby VK7MY

This piece of equipment has many uses in the shack, the one in use here is built into the antenna tuner with jacks to plug in the appropriate meters and a link coil mounted near the antenna link coils for pick up. The main use here is to monitor modulation percentage and antenna tuning indicator.

One meter can be used with the necessary switch, although M1 is better to be 0 - 200uA a 0 - 1 mA will be OK and for M2 a 0 - 1 mA is satisfactory. To calibrate as a modulation percentage indicator it is first necessary to use a CRO which is used to adjust the transmitter to 100% modulation. Couple the modulation Monitor lightly to the output of the Transmitter S2 in the A.F. position, adjust coupling so that M1 reads half scale, modulate with tone to 100%, check M2 reading and by adjusting R1 and coupling until M1 reads half scale and M2 full scale the modulation percentage can be read directly off M2.

M2 is non-linear therefore it is advisable to calibrate the meter for say 25%, 50% and 75% modulation.

Other uses are for field strength and neutralization measurements.



73. ..

C. Harrison VK7CH
for Bulletin Committee.

D O N ' T F O R G E T Y O U R R. D. L L O G.

