

OF AUSTRALIA

TASMANIAN DIVISION

JUNE 1962

Price 6d.

PRESIDENT

TREASURER

Mr. C. Harrißon
• VK7CH

SECRETARY

Mr. K. Millin
VK7KA

Registered at the G.P.O., Hobart for transmission by post as a periodical.

GENERAL MEETING

The next monthly meeting will be held at ABT Channel 2, 30 Harrington St., Hobart, on WEDNESDAY, 6th June at 2000 hours. Our lecturer this month will be Mr. T. Moore VK7FM and his subject "Video Tape Recording".

NORTHERN ZONE

Next meeting of this Zone will be held at the residence of Mr. P. Frith VK7PF, 181 Punchbowl Rd., Launceston, on FRIDAY 8th June. A lecture will be given by Mr. Alf Cooke, but his subject is not known at present.

The Zone Secretary advises that attendances at meetings lately have been very good, and that two prospective members are sitting for their A.O.C.P. in July.

NORTH WESTERN ZONE.

The date of the next meeting is TUESDAY 5th June at the usual meeting place Larkins Hall, Ulverstone.

SUBSCRIPTIONS.

There are still many outstanding and if yours had not been received by 21st May the amount owing is shown below. A prompt remittance would be appreciated.

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Since our last bulletin up to 21st May the Treasurer acknowledges receipt of subscriptions from the following :

VK7BT VK7SM ZL3BO VK7TT VK7ZW VK7RY VK7KS VK7RX VK7RN VK7RK VK7RT
VK7JF VK7MX VK7XL VK7WA VK7LL VK7MS VK7ZAS VK7ZAG Messrs. D. Allen,
H. Young, A. J. Baptist, R. Belbin, S. H. Boyd, H. A. Wright, G. Vrignaud,
M. C. Hooper, H. P. Schulz; A. E. Byrné

COUNCIL MEETING

The June meeting will be held at the residence of Mr. T. Connor WK7CT on MONDAY, 18th June. QTH is 17 High St., Bellerive.

It has been decided that in future Council meetings will be held on the third Monday in each month.

WEEKLY BROADCAST.

The Broadcast Officer has requested that stations calling VK7WI make sure that they are netted to the 7WI frequency during the round up on Sunday mornings. VK7CT who rebroadcasts the transmission on 3672 kc/s is always on the lookout for calls anywhere on the 3.5 mc/s band at the conclusion of the broadcast and would appreciate a call and report.

CLUB ROOM FUND:

Our thanks to Mr. M. C. Hooper for his generous donation to the Club Room fund.

AUCTION

Two 128 sets in working order will be auctioned at the coming meeting. These are very handy little sets and this is a good opportunity to get hold of one.

FREQUENCY BANDS.

We have been advised that the following frequency bands will be available for use by Amateur Station Licensees as from 1/7/62 :

Medium Frequency Band.	1800 - 1860 kc/s			
High Frequency Bands	3.50 - 3.70.	7.00 - 7.10.	7.10 - 7.15 (a)	
	14.00 - 14.35.	21.00 - 21.45.	26.96 - 27.23 (e)	
	28.00 - 29.70 mc/s			
V. H. F. Bands	52 - 54.	144 - 148.	288 - 296 (b) mc/s	
U. H. F. Bands	420 - 450 (a,c)	576 - 585 (d)	1215 - 1300 (a)	
	2300 - 2450 (a) mc/s			
S. H. F. Bands	3300 - 3500 (a)	5650 - 5850 (a)	10000 - 10500 (a)	
	21000 - 22000.			

- Notes : (a) The Amateur Service is the Secondary Service in this band.
(b) This band is not available for the Amateur Service after 1/7/63
(c) This band available for the Amateur Service as from 1/1/64
(d) This band allocated on a temporary basis until required by the Broadcasting Service
(e) This band is designated for Industrial, Scientific and Medical purposes. Radiocommunication services operating within the band must accept any harmful interference that may be experienced from the operation of industrial, scientific or medical equipment.

Types of Emission Authorised.

All bands	..	..	..	A1, A3, A3a, A3b, F3 († 3kcs)
All bands above 52 mc/s	..	..	..	A2, F2, F3
All bands above 144 mc/s	..	..	..	A0, F0, P0,
U.H.F. and S.H.F. Bands and 288 - 296 mc/s band until 1/7/63	..	..	..	A5, P1, P2d, P2e, P2f, P3d, P3e, P3f,

P.S. For definition of types of emission see your PMG Handbook.

V. H. F. NOTES by VK7ZEE

The Annual Meeting of the V.H.F. Group was held on Wednesday 16th May and the following office bearers were elected :

President	Mr. E. Beard VK7EB
Secretary.	Mr. D. Berry VK7ZAY
Vice President.	Mr. M. Watson VK7ZAK
Broadcast Officer	Mr. P. Corby VK7ZAZ
Publicity Officer	Mr. N. Fisher VK7ZEE
Activities Committee.	Mesrs. W. Emmett VK7ZAO, E. Cruise VK7EJ, G. D'Emden VK7ZAS, M. Jenner VK7ZAV.

52 mc/s - There is little doing on this band. VK7ZAI has been hearing some peculiar sigs - presumed to be JAs.

144 mc/s - VK7ZBE has just returned from Flinders Is. He has been using a "Communicator" (2 watts out) to a 5 element beam. He regularly worked Launceston stations and also contacted VK7ZAI/P on Mt. Wellington. These contacts have definitely proved the effectiveness of the "Communicator". On Sunday 13th May VK7ZAI and VK7ZAL took gear to the summit of Mt. Wellington and worked VK7ZBA and VK7ZEE (Oatlands) VK7DK (Poatina) VK7LZ (Launceston) and VK7ZBE/P (Flinders Is.) also VK3ZIU, VK3ZKZ, VK3ZFX, VK3ZFL. All VK3s worked were portable above 1000 ft on Mt. Donna Bouang. Temperature inversions are prevalent at this time of the year and more DX working is contemplated.

Experiments with a passive repeater are nearing completion and a unit is to be placed on Mr. Wellington to enable DX working without "going portable" Project OSCAR. - Launching is to take place sometime in June. Report forms are available from either VK7PF or VK7ZAO. Reports by QSL card will also be very welcome. They should be sent to Box 183, Sunnyvale, Cal., U.S.A.

420 mc/s - Interest in this band is apparent and it should be good for experimentation as sigs reflect extremely well.

This is my first effort as scribe for the group and Phil, the new Broadcast Officer and I are looking forward to the co-operation of all V.H.F. men to keep us posted on activities and achievements on V.H.F.

R. D. CONTEST.

A reminder that the Remembrance Day Contest is next August which after all isn't so far away. So start overhauling that gear and let's give the VK6S a run for it this year.

FOR SALE

14 hy. 60 ma choke 8/-. 125 ma filter choke 10/-. Power Trannie 285v-a side 125 ma 25/-. OT896 A & R Output Trannie 15w. P.P. 30/-. U30 150 Power Trannie 10/-. OP54 Ferguson Output Trannie S.E. 5000 ohm 15/- Efco Dial 10/-. Valves : 6BY7. 2 @ 12BY7. 2@ 5763. 6U8. 12AT7. 6BQ7A all these are new at 10/- each. 6AL5 new 8/-. 2 @ EF86 5/- each. 2 @ 6AQ5. 6M5. 6BH5. 6BW6. 6BV7. 6BR7 all at 5/- each. 2 @ 6J6. 6BM8. 12AX7 all at 8/- each. 2050 Thyatron 10/- 1R5. 1S5. 3V4. 6/- the lot. OR the lot, plus a few odd valves, for £12. Also 4 x 650 mf 275v working condensers for a low volt electronic flash for £3 the lot. Contact Mr. Hugh Hutchinson, Postal address: Channel Highway, Tarooma.

BULLETIN

Further to our note last month asking for contributions etc. we would welcome any suggestions for improving the bulletin. Let us have your ideas and comments please. We would also be prepared to publish any letters to the Editors concerning amateur radio, topics of interest etc. These must be signed but a nom-de-plume may be used for publication.

Due to the altered date for Council Meetings it will now be necessary for bulletin material to be in the hands of either the Secretary or the Treasurer no later than the third Monday in the month.

A. O. C. P. CLASS.

At the last Council Meeting the matter of starting an A. O. C. P. Class was discussed, and it was decided that if sufficient interest was shown and enough starters could be obtained to make it worth while, a class would be started. Mr. T. Connor VK7CT has kindly agreed to act as instructor, so now it is up to you. If you are interested please hand your name in to Mr. Connor no later than the next meeting night. A nominal fee may be necessary, but this should be quite reasonable and within the reach of all. We would also be glad to hear of any non members that might be interested.

QUESTION BOX.

Have you any technical questions that you would like answered? Well, here's your chance. A question box will be installed in the Club Room and all you have to do is write your question on a piece of paper and leave it in the box : it need not be signed. Then at the next meeting we will endeavour to find the answer for you. This could prove most interesting to all, so to get the ball rolling think up something to drop in the box.

FEDERAL CONVENTION

The Federal Convention held in Perth during Easter was attended by our Federal Councillor, Mr. E. Cruise VK7EJ, who reports that it was a most successful gathering, the business taking all of 40 hours. The W. A. Division are to be congratulated on their effort. That Division contributed £300 towards the cost of travelling expenses and all delegates were billeted by their members, Ted staying with our old friend Len Eddington VK6LS ex VK7LS.

CHAIRS FOR CLUB ROOM.

We have been fortunate enough to get hold of some really first class chairs at a cost of 30/- each. I understand that the N.S.W. Division recently appealed to members to donate chairs for their new Headquarters and as a result a large number were obtained. Should any of our members feel like donating one of these chairs we certainly will not refuse the offer.

SWAP SHOP (Idea lifted from the N.S.W. Division Bulletin)

Are you ever in need of some particular piece of gear and finding yourself short of the necessary to buy it, or perhaps it cannot be bought, although you have plenty of other surplus bits and pieces? Well, if so, try a swap notice in the bulletin. These will be inserted free of charge and will serve to put interested parties in touch with one another. As a start VK7CH wants a crystal somewhere between 1750 and 1820 and will swap a 5850 and either 7025 or 7050 for same.

CHANGE OF ADDRESS

If you change your address please advise the Secretary promptly and NOT to "Amateur Radio" direct.

Six Metre Equipment. Contributed by R. Emmett VK7ZAO. Continued from last month

Adjustment.

- (i) Insert meter at X and tune C3 for a dip in plate current.
- (ii) Touch a piece of wire on to Y and tune in a H.F. signal within the I.F. tuning range, and tune slug in L5 for maximum signal.
- (iii) With V.H.F. aerial connected peak C1 and C2 for maximum noise.
- (iv) If oscillation is apparent in R.F. stage detune C2 slightly
- (v) If any problems, or to supply a test signal, contact VK7ZAO of any V.H.F. Group member.

110"

300 ohm

$\frac{1}{2}$ " diam. copper tubing

$\frac{1}{8}$ " " "

