

Subscription

THE WIRELESS INSTITUTE — OF AUSTRALIA —

TASMANIAN DIVISION

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

APRIL 1964/

MONTHLY BULLETIN

PRICE 6d

PRESIDENT

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VK7AL

TREASURER

Mr. C. Harrisson
VK7CH

SECRETARY

Mr. K. Spiegel
VK7KS

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, 1st April 1964 at 2000 hours.

The lecture will be "Trends in Receiver Design", Joe VK7BJ is the lecturer, so pass the word around, as this could be a most informative evening.

Northern Zone -

The next meeting will be held on FRIDAY, 10th., April 1964 at 2000 hours at 102 Charles Street, Launceston. Unfortunately I have not been advised of the programme for the evening.

North Western Zone-

The usual monthly meeting will be held in Lakin's Hall, Ulverstone, on Tuesday, 7th., April at 2000 hours.

Council Meeting -

The next Council Meeting will be held in the Club Room on Monday 13th. April at 1930 hours.

ANNUAL GENERAL MEETING AND DINNER 1964.

The Annual General Meeting and Dinner this year was held at the "Anzac Hostel", 49 Patterson St., the hosts being the Northern Zone.

The meeting commenced at 1830 hours, there being approximately 40 members present.

Election of Officers :

The following Officers were elected -

Patron - L. Crooks. VK7BQ.

Auditors - G. Richardson, L. Jensen. VK7LJ.

Legal Officer - I. Nicholls. VK7ZZ.

Traffic Officer - R. O'May. VK7OM.

QSL Officer - J. Batchler. VK7JB.

Lecture Committee - L. Edwards. VK7LE.

Divisional Correspondent - G. D'Emden. VK7ZAS.

Disposals Committee - E. Cruise. VK7EJ, G. D'Emden. VK7ZAS, P. Thorne. VK7ZAI.

Election of Officers continued -

Noise and T.V.I. Committee - D. Watson. VK7DW. D. Thorne. VK7ZAI, L. Cordell, VK7KC.

V.H.F. Officer - I. Nicholls, VK7ZZ.

Librarian - E. Beard, VK7EB, also Publicity and Bulletin Editor (no comment).

Broadcast Officers - T.Connor, VK7CT, I.Nicholls, VK7ZZ.

Business -

The question of reconsidering the time of the weekly Divisional Broadcast time has been referred to all Zones for comment. The result of which to be forwarded to Council.

Dinner -

Dinner commenced at 1930 hours, 61 persons being present.

South -21. North West - 4. North 34.

Mr. W. Hollingsworth who was accompanied by his wife was our Official Guest, ably responded on behalf of the P.M.G. Department.

A Hearty thanks to our Northern Zone, especially to Den, VK7DK their popular President for their hospitality, and excellent organisation.

The Divisional President has requested me to report his concern on the poor representation from the North Western Zone. Especially as the meeting and dinner was held in Launceston, with a view to enable the Zone members to attend more easily.

SUBSCRIPTIONS -

Subscriptions received since March Bulletin to 15.3.64.

Acknowledgements and thanks to the following ; VK7ZAC; VK7DH; VK7EJ; VK7ZAG; VK7KC;

VK7GV; VK7RY; VK7AL, VK7KA; VK7ZDM; VK7ZTC; VK7CW; VK7ZZ; VK7CT; VK7SK; VK7AX;

VK7LD; VK7AI; VK7JO; VK7ZAY; VK7DC; VK7SJ; VK7GB; VK7ZAO; VK7JP; VK7PJ; VK7KH; VK7XL;

VK7ZAV; VK7MX; VK7DR; VK7TE; VK7AB; VK7ZBA; VK7LL; VK7ZAZ.

Messrs C. Russel - Green; L.A. Cooper; I. Eadie; S.R. Cooper; T.B. Berwick; R.J. Geeves B.M. Muir; D. Porthouse; D. Allen; D.F. Ford G. Wade.

Let us endeavour not to have any stragglers this year chaps, after all you only have to pay it once, besides our Secretary has enough letters to write, I know he does not relish the idea of having to write and cancell YOUR Subscription to A.R.!!!!

NOTICE

Would the person who borrowed the morse key from the "Shack" at the Club Rooms please return same. This key is the personal property of Terry Connor, and is of considerable sentimental value. On the return of same Terry advises me that he will endeavour to obtain another key to assist this person to attain the necessary practice.

STRAYS

Boy ! That Annual Dinner must have been something ! Ian, VK7ZZ (Zombie Zombie) returned , or should I say , was delivered back to us considerably the worse for wear. Tom VK7AL lost his voice and couldnt attend a special Council Meeting because of same. Must have been that Northern Brew - or did you try one of your own concoctions on them Denny ?

Welcome back to the Apple Isle to Bryan Eyre, VK7ZBE, after his stay of duty down at Davis Base. Fine hunk of "face fungus" you are sporting there Bryan.

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STRAYS continued

Hear that VK7BS is contemplating a re-build of their Transmitter. VK7JB I am told is to do the design work, considerable assistance by Doc. Kelly VK7LL, plus manual help from Crosby Russel. Green should bring adequate signal from 13th Hobart Scout Headquarters. How about the Zones duplicating this with the Youth Radio Club participants in their area?

See that Jack VK7JB is to do a Civil Defence Planning Course on the Mainland after Easter. Jack will also represent the Institute over there. It would be appreciated if all members who are interested in Civil Defence would notify Council through their respective Zone Secretary. This is a good cause chaps, Nationally, as well as Publicity wise. May I add, an excellent way to justify our existence as Radio Amateurs - please co-operate.

COUNCIL by VK7EB

Council meeting for the month of March was held at the QTH of our worthy President VK7AU, who with his good lady, acted as hosts to members of Council and their wives at a farewell gathering to our "late" Treasurer Snow, VK7CH and his wife. Negotiations were made to Snow's place of employment, in an endeavour to retain him in the Southern part of the State - the price was more than the Institute could possibly cope with, so the N.W. Zone gains a sterling member. Seriously, it would be impossible for me to acknowledge all the duties performed by Snow whilst in the South. Knowing Snow, he would not like me to make a fuss about it anyway - however, from one who knows what thankless jobs he had to perform (especially the Bulletin - hi) may I, on behalf of the President, Council, and members generally, say very sincerely - "Thank you Snow, for a job very well done."

Thank you Tom, and Mrs. Tom for a very enjoyable evening - in a later Bulletin I hope to coax Tom in supplying the plans and specifications for a Mobile Barbecue, come Camp Warmer (chop burner) easily adjustable to three convenient sizes.

Council business consisted of briefly, Minutes; Accounts for Payment - Articles of Association (dealt with very ably by VK7ZZ and VK7EJ) plus reading of the Agenda for the Federal Council meeting at Easter.

Next month Geoff VK7ZAS, your new Councillor for this year, will be taking over as Council Reporter as I have Snow's old job as Editor (lucky me).

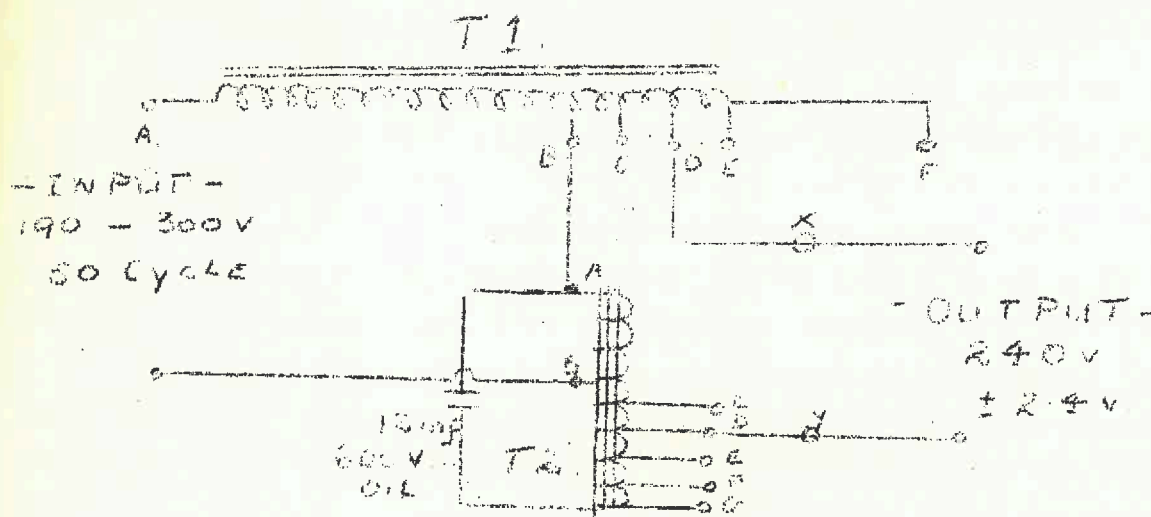
That is all for this month chaps

7349

Ted Beard VK7EB

For Bulletin Committee

TECHNICAL by F.E. Nicholls VK7RY



150 Watt A.C. Line Voltage Regulator.

T1 Details:

Core cross section 2 sq. inches. Air gap .005" to .015"

450 turns 20 SWG or 19 B&S enamelled wire tapped as follows

A	B	C	D	E	F
0	350	375	400	425	450

T2 Details :

Core cross section 4 Sq. inches. No air gap. Interleaved laminations. Bolts must not pass through lamination holes or use non - magnetic bolts. 400 turns 18 SWG or 17 B&S enamelled wire tapped as follows -

A	B	C	D	E	F	G
0	200	225	250	275	300	400

Adjust tapping "X" for regulating qualities and adjust tapping "Y" for correct Voltage output..

The regulator gives good equipment protection as overload on the output only causes voltage to be considerably reduced. Output may even be short circuit without damage.

I.T.U. Fund.

We acknowledge with thanks donations received from the following

VK7ZAG - VK7BJ - VK7CT - VK7JO - VK7LJ - VK7CH --.

Total in hand is now

Northern Zone £15-9-6

North West £ 15-8-6

Rest £ 57.15.7

£ 88-13-7-

The 1964 Athol-Johnson Contest has come and gone, indications being that it was quite successful. One pleasing aspect of this year's contest was the increased participation from the North and North West zones, this spreading the activity over a greater area of the state than in previous years.

However, portable and mobile activity was not as extensive as might have been hoped. From Mount Barrow, Reg, 7RL, operating on 50 MC/S and 144 MC/S, and Kevin, 7ZAH on 144 MC/S, worked into Hobart and along the North West Coast. These chaps should return quite high scores. In the South; Dave, 7ZAI, and Geoff 7ZAS, were out mobile, working each other and back to Hobart from various spots around the S.T. corner of the state.

No activity during the Contest has been reported on bands above 144 MC/S; for ~~instance~~ instance on the newly acquired 432 MC/S band.

Apart from the Athol Johnson Contest very little to report on; down South at least 50 MC/S.

The only interesting contacts made during Feb and March were between 7RL portable on Mount Barrow, to 7ZAI and 7ZAO in Hobart; made during the contest. Although these contacts could not be regarded as extraordinary, it is believed these are the first 50 MC/S groundwave contacts between N and S Tas.. 50 MC/S has never been exploited for N-S working previously, so it will be interesting to see how this band compares with 144 MC/S for Hobart Launceston working.

Otherwise, no 50 MC/S activity of note. No doubt everyone is preparing to move to 52 MC/S by ~~fixxx~~ April 1st.
144 MC/S

Activity is being maintained throughout the state on this band. The usual gang still active at 2000 hrs. Sunday nights on 144.1 in Hobart. Active stations in the South has decreased by two as a result of the transfer of ~~xxx xxxxx~~ 7ZAV and 7ZAO to the N.W. coast.

7ZMH and 7PF in Launceston were worked by 7ZAO in Hobart on 3/2 signals up to S8.

From 26th to 28th Feb. inclusive, a temperature inversion was noted in S. Tas.. GTV9 and HSV7 were received at viewable levels by 7ZAP at Mount Nelson. Northern Tas. TV stations were considerably stronger than usual in Hobart itself during this time. Unfortunately, no 144 MC/S DX worked from Hobart. Strangely, this inversion did not noticeably affect N Tas.. (later information in N.W. Zone Notes.)

March V.F.F. Group Meeting.

This was held on 18/3, 9 members attending. Most of the discussion was concerned with a brief analysis of the A.J. contest. Many suggestions for the running of future contests were put forward.

North West Zone notes; by the Voice, VK7ZAV.

During Jan. and early Feb., several openings to VK3 were noted by members from this area on 144 MC/S. On 13th Jan. Bob, 7ZAA, worked 14 VK3s, beginning at around 1800 hrs, continuing to 0020 Jan 14th. Signals varied from S7 to S9, and the VK3s were using TXs ranging from 522s to 100 watts or so. On Feb., 3rd, the band opened again, quite late at night, and Bob worked another two.

On 28th Feb. Kevin 7ZAH, portable on Mount Barrow, worked 3 VK3s, all at 5/8 both ways. Stations worked were 3ZMJ, 3ABP and 3ZAV/M. Kevin was using a minimitter running 5.5 watts input, a 522 receiver and a 10 element yagi. It is believed 7LZ also worked these stations, and 7RL was heard by the VK3s at 5/8, but was unable to copy due to some sort of interference. (This opening could have been caused by the inversion which affected S Tas. for 3 days around this time. However if so it would have been expected that 2mx openings in the North would have been of longer duration than ~~exp~~ reported. No DX at all was worked from the N.W. Coast during this period7ZAO.)

Both Bob and Kevin are engaged in building mobile equipment; Reg 7ZAO is active mobile and portable; and 7ZAV was mobile but the rig has blown up at long last after a long list of troubles, and is now undergoing an extensive rebuild.

On the 14th Feb., 7ZAO at Devonport, worked 7ZAA and 7ZAV at Burnie, and was heard by 7ZEE. Neville, 7ZEE, has been on the air a couple of times lately after a long absence from the band due to TVI.

All the boys up this end of the island enjoyed themselves during the Athol Johnson contest, and we are anxiously awaiting the results of same. Activity on the coast should increase by 2 or 3 ~~xx~~, if the results of the next exam are as hoped.

LATE NEWS

A newcomer to Hobart is Albert, VK2ZFB. Albert is looking the place over with the prospect of settling here. He has brought quite an amount of gear with him. Welcome to Hobart, Albert; we hope you decide to stay.

73 until next month, Wilf Emmett, VK7ZAO.

