

THE WIRELESS INSTITUTE OF AUSTRALIA

TASMANIAN DIVISION

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

January 1965

MONTHLY BULLETIN

PRICE 6d.

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GENERAL MEETING :

The first monthly meeting for 1965 will be held by the Division in the Club Room, 147 Liverpool St., Hobart, on Wednesday, 6th. January 1965 at 2000 hours. The lecture intended is Part 2 of " Trends in Receiver Design " by Joe, VK7BJ - those who heard the first part of this lecture should make this meeting a " must ".

NORTHERN ZONE :

Northern Zone members please note - There will not be any meeting in January 1965, however the next meeting of the Zone will be held on Friday, 12th. February 1965. A film evening is intended consisting of a technical subject plus a film taken at the Hamfest. The address of the Northern Zone Club Room is, 51 York St. Launceston (Adult Education Centre).

NORTH WESTERN ZONE :

N. W. ZONE members also please note - there will not be a January meeting - the next meeting for the Zone will be held in Lakin's Hall on February 2nd. 1965 - no information is to hand as to the activities intended. There is a round - up on 3650 of an evening, probably about 2000 hours, all who are interested from other parts of the State are invited to give a call - this is a good move to help populate the bands - however I would suggest, due to evidence on reception of the Broadcast that 3.5 mcs. is developing Summer time characteristics perhaps it might be wise to QSY to 7mcs ? Let us know.

V. H. F. GROUP :

The next meeting of the V.H.F. Group will be held at the Club Room, 147 Liverpool St. Hobart on Wednesday, 20th. January 1965 - all members of the Division, or any visiting Interstate visitors are cordially invited.

COUNCIL :

The Council meeting for January 1965 will be held in the Club Room
147 Liverpool St. on Monday 18th. at 1930 hours.

NEW YEARS GREETING :

On behalf of your President, Tom Allen, VK7AL, and
members of Council, may I extend the very best wishes for the coming year
to all members of the Division and their families - this greeting is also exten-
ded to others who read this Bulletin.

W.I.C.E.N.

It was moved at the last General Meeting of the Headquarter's Zone
that W.I.C.E.N. be re - formed. Three Go - ordinators were elected, VK7EJ;
VK7KC (V.H.F.) and VK7EB(fixed station) the latter can go mobile if required
if transport is provided. Would all Zones please advise the names, addresses,
and phone number of all interested - this also applies to Associate members -
there is a job for everyone - please also notify if you can operate mobile,
and if a car is available. Watch you Bulletin, listen to the B'casts for further
details - this is not a game, it is serious business - complacency wont protect
your families but your training and experience can - dont wait for the other
fellow - inform your Secretary NOW - tomorrow may be too late !!!!

PAN PACIFIC JAMBOREE:

VK3 WI will be operating at the Pan Pacific Jamboree from
December 27th. until January the 8th. give them a call - the Scouts are one of
our best publicity agents to date - and favourable publicity is what we need.

R.S.G.B. HANDBOOKS :

Further copies of this fine Handbook are now to hand, if
you have not a copy contact the Secretary or the Treasurer and order now. Ask
anyone who has one, they will recommend it.

CONGRATULATIONS :

Congratulations are extended to the following members who have
just received brand new call - signs. Bevan Waldron; Brian Muir; and Robert
Geeves - VK's 7ZBW; 7ZTC; 7ZBK respectively - Brian and Robert inform me they
will be most certainly sitting for the C.W. again in January - best of luck to
the three of you and good DX.

Dont forget the new S.S.B. station operating from the South - the one I mentioned
on the Broadcast - give him a call - he will appreciate it. The same gentleman
is going to use a Galaxy, yes I know, if you cant lick 'em, join 'em - I will
have to have a talk to Tom about that - perhaps even Terry might change - hi.

HAMFEST :

Your President has submitted the following on the above topic.
Our third Hamfest was again quite successful. A few enthusiasts arrived on the Friday night, a greater number on Saturday, and the Sunday provided a day trip for about 30 people.

This means that any organisation usually falls on Sunday, and where people are meeting people whom they have not seen since last Hamfest are not partial to organisation. However a " foot - mobile " 3.5 mc. hunt was held and was won by Associate D. Marsland piloting Terry, VK7CT, a prospective member, Phil Hicksher and Terry's gear .

The 144mc. hunt was won by Bevan Waldron from Launceston. Both winners were presented with trophies donated by Philips Electrical.

Gear was auctioned, given away and otherwise disposed of, transformer cores EHT type from a well known make of TV receiver were there for the taking. A certain Galaxy 3 also received much admiration - it was worked too !!!

I believe that the owner gave up smoking and eating, or one or the other to save up and buy the unit. He is absolutely, and obviously doing both again now as there is still plenty of him - good luck Den.

ACKNOWLEDGEMENT:

We owe a vote of thanks to Philips Electrical, 73 Brisbane St., Hobart for the trophies. Philips have been associated with us on each occasion now and it is suggested that when members need parts, resistors, condensers, valves, etc for new gear or replacement, remember our friends in Brisbane St. Call and arrange with Geoff D'Enden, VK7ZAS or Ian Cairnduff (ex Signals) for their purchases. If you are unable to call, write and your order will be dealt with smartly and arrangements made for payment. Try then, and give Philips some business in return for their generosity to the Institute.

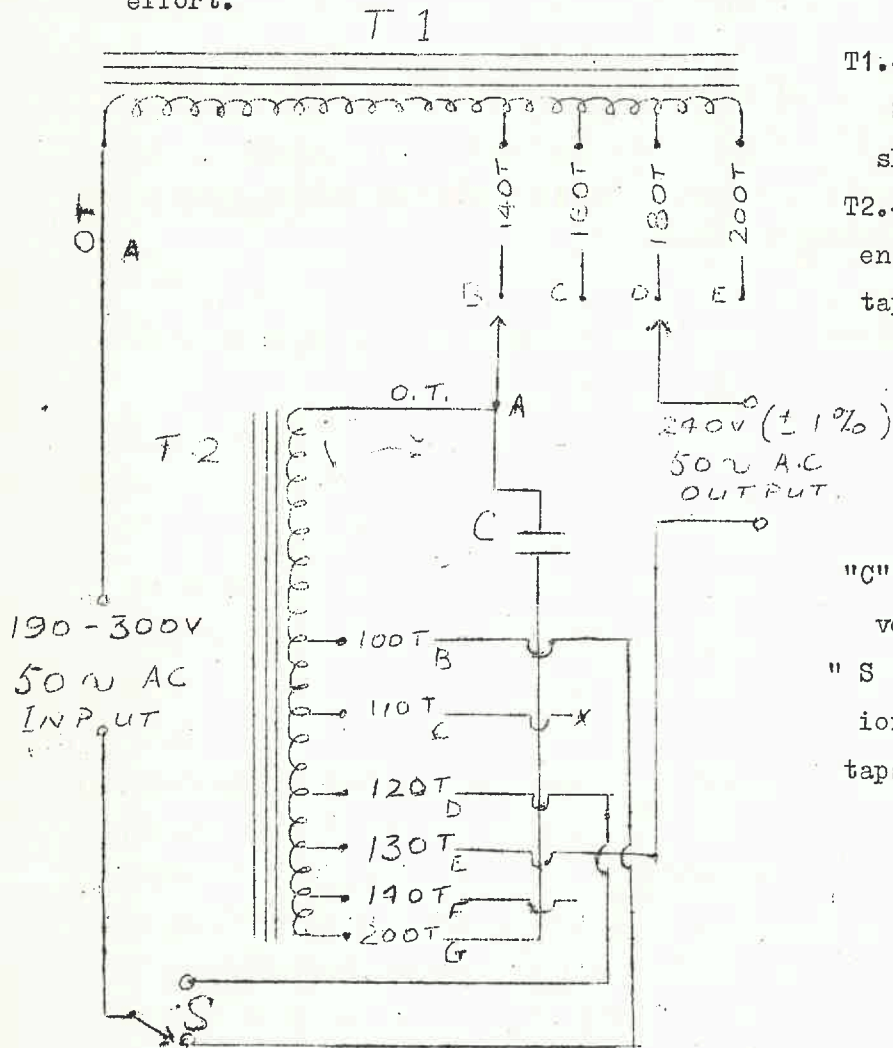
My spies tell me that a certain Southern gentleman returning from the Hamfest free - wheeled up all the hills - taking three (3) hours to return to Hobart. Strictly for the bird(s) I'd say - he is also an expert in finding hidden table drains - simply throws himself in, giving their location most descriptively with plenty of Audio gain.

Would all members who borrowed " 73 magazines " at the last general meeting please be sure to return same to Mr. R.L.Gunther at the January meeting - thanks.

At the risk of being tiresome, I again repeat that 14mc.s appears to be more lively this Summer (?) I even worked a VK3, short skip the other night. S.S.B. is very prominent, with good strong signals - A.M. is there but one notices the lack of punch in the signals compared with the other mode. At the risk of being clobbered by the critics - a good argument for S.S.B - also the lack of hetrodynes could be another - Ed.

TECHNICAL :

The Technical article this month is Part 1 of two sections, describing a Self - Regulating Line Transformer - 500 Watts. Thanks to VK7PA for such a descriptive effort.



T1.- 200 turns, 16 S.W.G. enamel S.C.C. or 16 D.C.C. tapped as shown.

T2.-200 turns, 13 S.W.G. (.0920) enamelled S.C.C. or D.S.C. wire tapped as shown.

"C" 25 mfd. 750V.D.C. should be high voltage type and to be + or- 1mfd.
" S " Switch. Unfortunately no mention of use or purpose of switchable taps on input to T2.

Next month there will be a detailed description of the Laminations and the adjustment of the transformer. Just to whet your appetite in respect to the Laminations The original article of 1948 vintage suggested Hendersons Transformers as a source of supply. Maybe present day supply could be had from same or similar firms producing small power transformers.

Dont lose this chaps (I'd hate to think my efforts were wasted - not to mention Peters)

Well, that is all for this month. Hope to hear bigger and better signals this year - and less power noise - hi.