

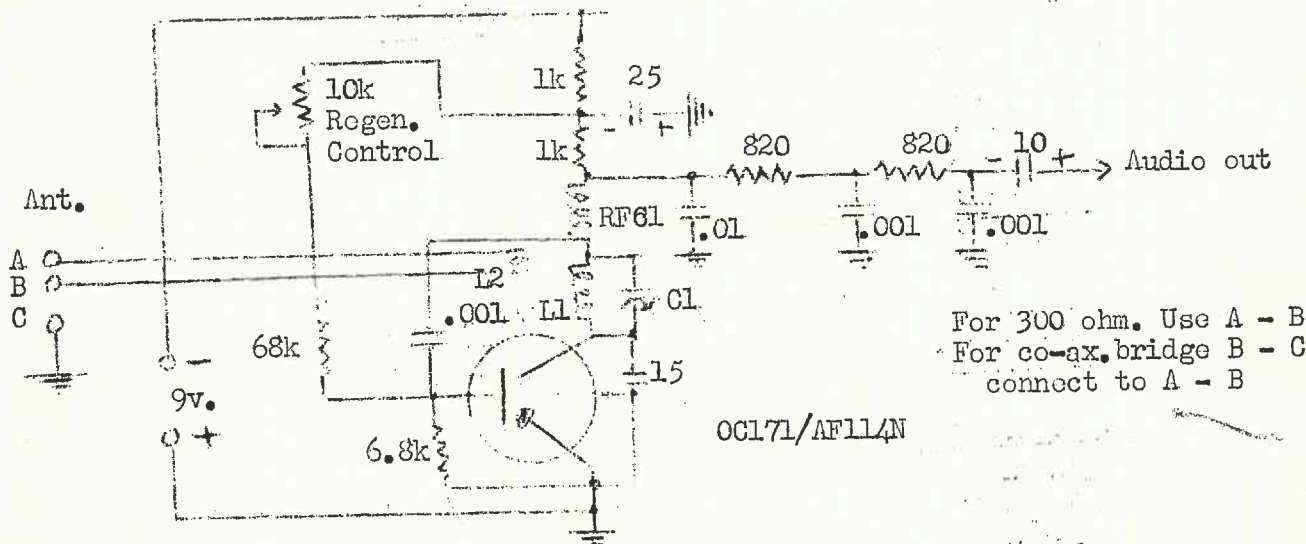
A New Improved VHF Transistor Super-regen. Receiver.

This unit has been built and tested by Barney Watson VK7ZAK, and the results obtained have indicated that its sensitivity is equal to or better than the usual tube type super-regen. The whole unit can be built into a very small package, using either headphones or a small inbuilt speaker. If the unit is intended for transmitter hunting, it is advisable to construct it in a shielded box, so that only the signal present from the aerial is detected, and no signal enters directly into the circuit to confuse the hunter.

Construction is straightforward, using normal transistor wiring methods. The unit would best be built on a "matrix" board.

The audio output is fed into a commercial transistor audio amplifier board a "Lafayette Type PK - 543", but here again numerous commercial or home brew units would suffice.

This unit should find many uses in and around the ham shack and be the ideal receiver for hidden transmitter hunts and hamfests. If anyone builds it and strikes trouble or is just not sure where the 144 mc/s band is, any of the VHF boys would be glad to help out.



L1 2 turns 5/16" dia. 18g. tinned copper. C1 10 pf Max. variable condenser.

RF61 19 1/4" No. 22 enamelled close wound on a 1 watt 1 meg.

All resistors 1/2 watt. L2 Pick up link. 1 turn at cold end L1. 18g. enamelled. 5/16" dia.

£771-14- 2d

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EQUIPMENT ACCOUNT.

Sales	£211-17- 3	Purchases	£160-10- 5d
Interest	7- 9-11d.	Petty Cash	5
		Refunds	15- :
	<u>£219- 7- 2</u>		<u>£166- 5- 5d</u>
Owing members 1/3/63	15- :		
	<u>£220- 2- 2</u>		
Balance 1/3/63	243-19- 6	Balance 29/2/64	297-16- 3d
	<u>£464- 1- 8</u>		<u>£464- 1- 8d</u>

CLUB HOUSE FUND.

Donations	£14- 8- :		
Raffle	5- 9- :		
Interest	17- 9- 6		
Sundry	2- :		
	<u>£37- 8- 6</u>		
Balance 1/3/63	395- 5- 7	Balance 29/2/64	£432-14- 1d
	<u>£432-14- 1d.</u>		<u>£432-14- 1d</u>

L. T. U. FUND

Northern Zone	£14- 4- 6d		
North Western Zone	15- 8- 6d		
Rest	53- 4- 8d		
	<u>£82-17- 8d</u>		
		Balance 29/2/64	£82-17- 8d
	<u>£82-17- 8d</u>		<u>£82-17- 8d</u>

Subjest to audit.

C.Harrisson. VK7CH
Hon.Treasurer.

SPLATTER by VK7EB

Note we are losing two Broadcast officers this year, VK7JB and VK7KS. Thank you both for performing a thankless task well. We will miss that blowfly too Buck.

Now VK7LE is building a boat we should register a new R.A.N. "Royal Amateur Navy" !! Quite a seafaring Zone in the South.

Sorry to hear that Mike Jenner is leaving the South - turn down your R.F. gains N.W. Zone.

Congratulations to Dave Berry VK7ZAY on his excellent results in the recent Technicians' Examination (P.M.G.)

Heard a FB filter rig on the air last Sunday before the Broadcast. How about adding a Linear Amp. Lee? A couple of 813's should do the trick.

THIS MONTH'S REMINDERS.

FEB. 29)	Athol Johnson Memorial	MAR. 7th.	Applications for Dinner
MAR. 1)	V.H.F. Contest		Tickets to be in.
MAR. 3	North Western Zone Meeting.	MAR. 16th.	Council Meeting.
MAR. 4	General Meeting	MAR. 18th.	VHF Group Meeting.
MAR. 6	Northern Zone Meeting.	MAR. 21st.	Annual Meeting & Dinner

And so we come to the end of another year- frustrating in many respects as far as the Bulletin was concerned. The monthly flap - "What the devil am I going to put in the Bulletin?". No contributions, no suggestions, no comments, not even any criticism - looks like no one except the Broadcast Officer reads the thing anyway. To Joe Brown, Wilf Emmett, Greg Johnston and Frank Pieniacki who contributed technical articles, I extend my thanks and to my successor in this job, my sympathy!

Chas. Harrison, VK7CH
for Bulletin Committee

ANNUAL DINNER 21/3/64

Send to either of :

Mr. D. Kelly,
56 Upper Brougham St.
Launceston.

OR

Mr. C. Harrison,
A.N.Z. Bank Ltd.
Box 432E, G.P.O., Hobart.

I will be attending the Annual Dinner and enclosed £ _____
for one/two ticket(s).

My guest will be Mrs. _____
Miss _____

Name _____

Address _____

The new year is with us, with some important changes coming up for VHF enthusiasts. These being, of course, the advent of the 432 mcs band, and the loss of the lower two mcs of the 50 mcs band. Building for the 432 mcs band is already in progress at two stations at least in the south, VK7ZAI and VK7ZAO/O.

These rigs will be in use for the Athol Johnston Memorial Contest. It will be very interesting to see how the band shapes up in comparison with 144.

In regard to the Athol Johnston Contest, let us make an all out effort to participate this year. We would particularly like to see some activity in the north during this contest, as no logs have been received from up there in previous years. The rules will be found in another section of the Bulletin.

BAND ACTIVITY.

50 mcs. There is not much point in repeating the lists of openings here as these have already been discussed on the 7WI broadcasts. Suffice to say that it has not been a very good season. Openings with solid signals, lasting for a reasonable period, were few and far between. Please remember your Ross Hull logs, and get them away on time. Even if only a few points have been scored, it is still worth-while. Keep Tassie on the map. Be in it.

144 mcs. Activity is still increasing on this band throughout the state. The regular round-table is still going around 2000 hrs Sunday nights in Hobart, the use of 144.1 mcs being invaluable. I believe Phil, VK7ZAX, is working on the instalation of mobile equipment in his Mini. Reg, VK7ZAO, will be teaching in Smithton this year, and will have his mobile gear with him for a start. I think he will probably take their new portable rig with him also.

NORTH WEST ZONE. Winston Nickols, VHF officer.

On Sunday 5th January, 144 mcs opened to the mainland during the morning, and many contacts were made. Active amateurs in the north were: VK7s, ZAH, RL, LZ, DK and possibly others. VK3 stations on the band included, VK3s, ZOW, ZGS, ZQ, RK, ZNJ, ZGL, ZCE and NM.

Kevin, VK7ZAH is the most active station on the coast and from Mt. Barrow. Neville, VK7ZEE is having modulator trouble while Bob, ZAA, is having a break from the shack and is touring the West coast with his family.

Bruce Kelly, an associate member, is building a 144 mcs converter, and apparently spends quite a deal of time hunting DX on 14 mcs.

NEWS IN BREIF.

A fox hunt was held in Hobart on Sunday 19th, beginning at 2000 hrs.