



Bulletin issued by the Northern
Branches of the Wireless Institute
of Australia, Tasmanian Division

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As I haven't received the Northern Notes or the Notes from the North West this issue must be about the smallest I have ever had the misfortune of doing. Rather than not having a QRM issue at all this month it was decided to go to print with the DX and VHF notes only as there is at least something of interest. I hope that future issues will be back to the usual standard or it will not be worth going to the trouble of typing and printing. It seems that there is more material available for a Broadcast each Sunday

John VK7JV

MEETINGS

Sept. 9th	Northern Branch, 34 Burke St.	8 p.m.
Sept. 13th	North West Branch, Lakins Hall Ulverstone.	8 p.m.

A.O.C.P. CLASSES

Sept. 12	Test Equipment and measurements	Kings Meadows
Sept. 19	" " " "	High School
Sept. 26	Wave propagation	Block B
Oct. 3	Transmission lines	Room 35
Oct. 10	" "	

Y.R.C.S. CLASSES

YRCS classes are held every Tuesday (during school Terms)
from 4 p.m. to 5.30 p.m. at
Kings Meadows High School, Block B, room 33.

HF and DX notes by Col Wright VK7LZ.

Checking back through my log over the last 3 years it appears as though the only significant difference this year is the absence of the African stations that were usually QSO'ed around 0700Z on 7MHz, in previous years the odd station from EA8, 6W8, CT3, CN8 and EA9 have appeared in my log, however nothing has been heard this year from these areas, lets hopefully consider that the rising sunspot cycle is the reason and stations are migrating to the higher frequencies but judging by the activity, or lack of it, on 14MHz such is not the case. However listening on the bands reveals an upsurge in DXpeditions, although not always audible here activity has been noted from OJØMA (Market Reef), OF2BR/OFØ (Aland Island), FØCH/FC (Corsica), IJ7EX (San Pietra) and JJ1DRR/JD1 and the next two months will produce the following, Tokelau Islands, ZM7 will again be activated by either ZM7AT or ZM7MM on Sept. 10th all bands SSB and CW, period of operation unknown.

Galapagos Islands, according to Luigi IØLLZ this country will be on the air during September, HC5EE will be the operator and the call-sign is expected to be HD8EE.

Kermadec Islands, a YL team from ZL will operate from these Islands commencing on the 21st of October using SSB and CW, up to 15 WPM only on CW please, bands to be used will be 1.8 to 28MHz operation will cease on the 5th November.

Stations noted on the bands are as follows;

1.8MHz, VK's only although DX should start to appear as these notes are been read.

3.5MHz, Outside of VK and ZL the only DX heard has been JA's on CW.

7MHz, Here again the W's and JA's predominate although CO2OM, FO8EX, KV4CI/KG6, XE1AO and YV4NS have been logged in the evening local time with a few VE's and Asiatic UA's, all on CW

14MHz, The following stations were logged, CO2HZ, DJ's, EA'S, EA8OZ, F'S, FØCH/FC, FK's FM7WS, FO8AZ, FO8EX, G's, HA1TJ, HC2HZ, HC2WF, HI8CDS, HI8LAP, HI8SRH, HKØAZW, HKØCLS, HK/COP, HR1RC, I's, IJ7EX, ISØIIT, JA's, JY3ZH, KL7's, KX6BU, LZ1CG, OK2AUF, OZ5EV, P29CD, S79Q, TG8NE, TI2CF, TU"GA, UAØ's, UF6FE, VE's, VP2LCT, VP9IF, VR1AF, VR4's, VR6TC, VS6BE, XE's, XF3B, YB3AQ, YN5JAR, YU1BCF, ZK1CV, 3D2WR, 4X4's, 5Z4DV, 5Z4JE, 5Z4OT, 5W1's 6Y5's, 9H1AW, 9H1EY.

21MHz, JA's, W's, KG6RT, ZM7AT, ZM7MM, 5W1BD.

28MHz, Nil.

It is interesting to note that the VK7 QSL bureau has already received more inward QSL's than the full total for 1976 and the outward QSL's are also well up.

QSL INFORMATION

CO2HZ Box 1 Havana, Cuba.

FK8CP Box 328 Noumea, New Caledonia.

FM7WS Box 632 Fort-au-France, Martinique.

FØCH/FC via HB9TL.

HC2HX Box 666 Guayaquil, Ecuador.

HI8SRH via W2KF

HKØCLS and HKØAZW Box 392 St.Andres Island, Central America.

IJ7EX Box 1 Bari, Italy.

VP2LCT Box 489 St.Lucia Island, Central America

VR4DH Box 654 Honiara B.S.I.

XF3B has changed his Box number to 591 Cancun Island,
Mexico.

ZK1BA via WA7HRE

4X4JS via WA2KWP

5W1BD via WA5OCN

5W1AU via W6KNH

5Z4JE Box 19002 Nairobi, Kenya.

JY3ZH via DJ9ZB

VHF notes by Joe Gelston VK7JG.

Not a lot of news this month, the last 6 metre contact being with Harry VK4ZHG at Gympie on the 23rd last month, signals peaked to a 5/6 with very deep QSB.

Dont forget to keep an ear on the band during the equinox period along with the increase in sun-spots you may experience some trans equatorial propagation to JA.

2 Metres is just as inactive, if you want an SSB contact you either have to phone or arrange a contact via the repeater, perhaps we could arrange a regular calling time and frequency each night to promote activity.

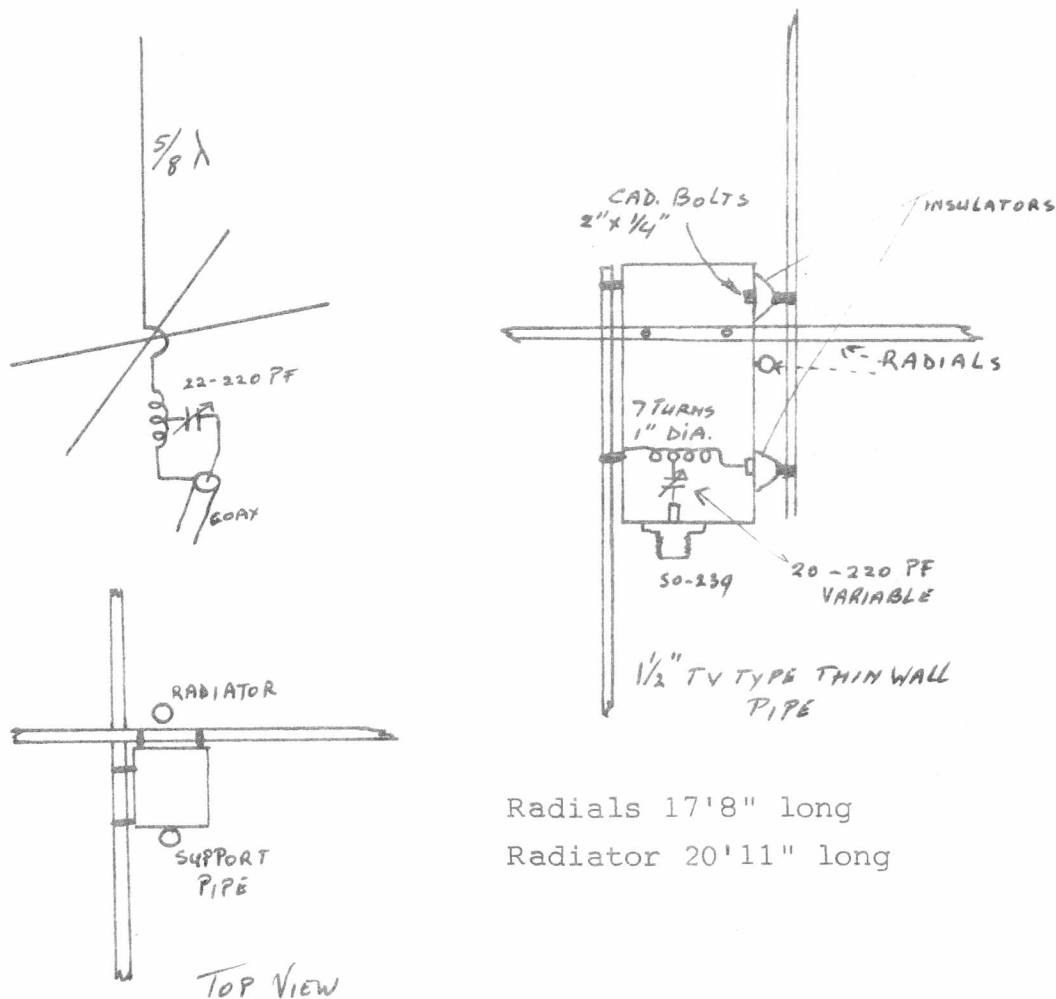
A new station in town is Andre VK3ZEE/& and is active on 2 metres SSB using an IC202.

Dont forget to enter your log in both the R.D. contest and the Athol Johnson contest. Logs for the Athol Johnson contest go to the VHF Officer P.O. Box 1311 Launceston 7250.

That is all for this month so how about a little more activity for these notes next month.

73 Joe

A 5/8 ground plane for 28.5 MHz by Joe VK7JG.



Radials 17'8" long
Radiator 20'11" long

Make the radiator out of at least 3 pieces of reducing aluminium and the radials from one piece of tubing 18' long $\frac{1}{2}$ " diameter or larger.

Use a Grid Dip Oscillator to adjust the coil turns until resonance is obtained at 28.5MHz.

Close the variable capacitor (minimum capacity) and adjust the tap on the coil (about $1\frac{1}{2}$ turns) for minimum VSWR then adjust the capacitor for zero reflected power.

CONSTRUCTION; Use a HORWOOD 2"x 3"x 8" box for the base assembly and assemble as per the diagram. I used a pair of mobile aerial insulators to support the radiator

WANTED

Second hand ARRL handbooks 1970 or later are required for the Novice Classes. If you can help please contact Reg VK7KK.

111 New World Av. Trevallyn or phone 312090

11 metre "Ringo" to 10 metres. by Joe VK7JG

To adjust a Ringo antenna designed for 27MHz operation to 28.5MHz the following modifications are required.

First shorten the radiator to 16'7". Reduce the matching ring in size untill the aerial resonates at 28.5MHz

To do this with the Middy-V aerial unscrew the matching ring in the middle and place the hole of one side over the matching slot of the other then replace screw.



Now drill a series of holes, in the matching ring, up from the earth end and adjust the gamma arm for minimum reflected power. All adjustments must be made with the base of the aerial connected to a satisfactory earth.

CONTESTS

Sept. 10/11	European Phone contest.
Sept. 10/11	Albatross SSTV contest.
Sept. 17/18	Scandinavian CW contest.
Sept. 24/25	Scandinavian Phone contest.
Oct. 1/2	VK/ZL Oceania Phone contest.
Oct. 8/9	VK/ZL Oceania CW contest.
Oct. 15/16	RSGB 7MHz Phone
Oct. 29/30	CQ WW DX Phone contest.

NOVICE EXAMINATIONS

As the date for the Novice examination has been brought forward to Tuesday October 25th, applications should be in by September 16th.

The 10 W.P.M. morse examination will be held on the normal date November 15th.

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