

QRM

BULLETIN ISSUED BY THE NORTHERN ZONES OF THE
WIRELESS INSTITUTE OF AUSTRALIA TASMANIAN DIVISION

P.O. BOX 1010
LAUNCESTON,
TAS. 7250

FEBRUARY
Vol. 2 No. 10

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a periodical, CATEGORY B.

PRICE 10¢

SEVERAL means of increasing HF and VHF activity on the air were discussed at our last meeting. One idea was to have a VHF scramble every Sunday night.

A suggestion for HF was to have a contest for all Northern and North Western members. Those interested in participating to contact as many countries or prefixes as possible over the period of a month. This would go on for a period of 10 months with the winner being the top scorer for 5 out of the 10 months.

C.W. Classes were also discussed and if we can get sufficient participants this will be organised. If you are interested in any of the above, please contact REG. 7KK or myself -

JOHN VK7JV.

M E E T I N G S

Feb 6th	North Western Zone, Lakin's Hall, Ulverstone
Feb 9th	Northern Zone, 8 High Street, A.E.B. Rooms
March 17th	W.I.A. ANNUAL GENERAL MEETING IN DEVONPORT AND DINNER AT GATEWAY MOTOR INN, FENTON STREET, DEVONPORT

YRCS CLASSES

Feb 24th	10am Kings Meadows High School
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MINI HAMFEST

Feb 25th	At Port Sorell with the ANNUAL NORTH WEST CRICKET MATCH
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NORTHERN NOTES.

Since the last report a most successful barbeque took place at Norm 7ZNR's residence. This took the place of our December meeting. The 35 who attended would no doubt like to echo thanks to Norm and Anne for their hospitality.

January's meeting was attended by 48 and was purely given over to business items and socialising. Time was given to a discussion on Institute reorganisation - the result of which you will see elsewhere.

Suggestions for increasing on air activity were mentioned - a monthly prefix hunting contest, VHF scrambles and a CW class for beginners and more advanced types were mooted.

Members may be interested to know that recent sales of IGL VHF equipment gave the club \$70.00 commission.

The high point of zone activity remains repeater operation - and it is apparently the most reliable of all those in South East VK. The date at which the transmitter will change to 147.00 MHz should be announced shortly. At last count there were 25 local stations using the repeater.

BILL 7AK brought some good publicity to VK7 and Amateur Radio. Seems while working on LA station there was a newspaper reporter in the Norwegians shack. Result - a front page colour photo and a whole page on Amateur Radio and VK7. Hence the spot in our local "rag".

ZONE MEMBERS have been amongst the seasonal VHF activity. High points would be the first time 6 meter contacts to VK4 at Macquarie Island. Locals missed out on the 2 meter sporadic - E but 7MX was heard in VK4 on channel B.

COL PERGER VKCJV is on his way back and should attend the March meeting. Col should be able to give us a very interesting talk and slide show on Antarctica, maybe in April.

PLENTY OF NEW EQUIPMENT ABOUT.

Joe 7ZCJ has a sideband transmitter and didn't waste any time building a 2 metre transmitter.

MALCOLM 7ZMS now the proud owner of an FT200 and listening to C.W. every night.

JIM 7JC is back on 2 metres CHD with an IGL transceiver.

Some people have all the luck! This letter from four young ladies addressed to 'Mr. Radio Announcer' was received by a local amateur after he had unknowingly presented them with some TENNESSEE VALLEY INDIANS!

Dear Sir,

As dedicated Bullbird fans we are somewhat disturbed by the fact that on two or three occasions in the last week, your mumblings on the radio have interrupted our television viewing between 6.30pm and 7.00pm. In some cases it has been impossible to hear what is being said on the television and we have been forced to listen to your repetition. We would appreciate it if you would pick a new frequency.

Hopefully Yours,

NORTH WEST NOTES

The annual Tasmanian Divisional meeting and dinner will be held on 17th March commencing at 5pm the dinner at 7pm at the Gateway Motor Inn, Fenton Street, Devonport. Arrangements are such that the meeting and dinner will be held in private, with an adjacent apartment for the ladies while the meeting is in progress. The room allotted for the function is a very long one with our dining section at one end, and at 9pm will open for the evening cabaret with the band at the opposite end of the room. We will be free to participate and may maintain our group in our own section.

The refreshment side will be catered for at all times with an adjacent bar. Wine and cordial will be included with dinner.

Stunning up we will be on our own until 9 pm after which we may participate in the cabaret. An enjoyable evening is anticipated. Please complete the attached form and forward at your earliest.

VR7MX.

.....

DINNER ADVICE

To: The Secretary,
North Western Zone,
Box 12,
EAST DEVONPORT....7310

I will be attending the Annual Dinner on Saturday, 17th March in company with ...

.....

I enclose.....subs. at \$4.00 each

Total \$.....

From.....

(If applicable) Call Sign

IF YOU WANT US TO ARRANGE ACCOMMODATION, PLEASE ADVISE AND ANY PREFERENCE.

Q. R. M.

BULLETING OF NORTHERN ZONES W. I. A. TAS.

FEBRUARY

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FOR SALE

LAFAYETTE 600 COMMUNICATIONS RECEIVER
12 Volt or Mains Double conversion \$150.00.
C/- Lindsay Dowd VK7ZLD

EDDYSTONE 888 AMATEUR BAND RECEIVER
160 to 10 metres, variable selectivity, AM, SSB, CW, Audio filter, double
conversion 1620Kx 85Kc - \$130.00
NORM 7NR

TRP 1 80M + 40M mobile, gated screen, 15W out, TUNABLE RECEIVER, XTAL LOCKED
TRANSMITTER, NEGATIVE EARTH - \$50.00 c.n.c.

VK3 6 metre CONVERTER 1st SERIES - \$8.00

VK3 2 Metre CONVERTER WITHOUT XTAL \$11.00

YAESU FT2F 2 METRE FM MOBILE
12 watts or $\frac{1}{2}$ watt switchable multi channel
complete with mic, cradle and Xtals for channels B 1 and 4 - \$250.00 c.n.c.
BRIAN 7RR PHONE (A.H.) 391274
or 55 Stoke Street, Ravenswood. 7250

MR20A CONVERTED WITH XTAL SWITCHING, F.E.T. preamp and CHANNEL 4 XTALS - \$40.00

MR20A CONVERTED TO 52.525 Mhz XTALS NOT SUPPLIED - \$35.00

PHILL TOMPCON 7SS - 21 Seymour Street, Newtown Phone 208341

WANTED!

85KC MECHANICAL FILTER - JOE VK7ZGJ C/- A.W.A.

TV TYPE ANTENNA ROTATOR STATE PRICE AND CONDITION TO JOE VK7ZGJ or JOHN VK7JV

FOR SALE

1674 2 Metre transceiver channel switching with channel B and 4 XTAL - \$40.00

ALSO VK3 carphone boards and most components (no filter and I.C.) new and
unused, cost \$45.00 - \$40.00

GORDON VK7CW - Phone 313157
or A.H. 442911

AO6 ORBIT DATA FEB 1 to JUNE 14th

Times are for the closest N-S and S-N passes for each day. Other passes can be heard 1 hr. 55 min. earlier and later with 29 degrees less or greater. For those without a calculator add 1 hr. 42 min. to give the centre of a pass for AM (Z time) and 1 hr. 12 min. for PM (Z time). The satellite should be heard for 20 minutes centred on these times.

DATE	ORBIT	DATE	ORBIT	TIME Z	°W	DATE	ORBIT	DATE	ORBIT	TIME Z	°W
Feb 1	1362	Apr 9	2201	1052	211	Feb 16	1549	Apr. 24	2388	0916	187
1	67	9	06	2027	355	16	55	24	94	2046	000
2	74	10	13	0952	196	17	62	25	2401	1011	201
2	80	10	19	2122	008	17	68	25	07	2141	013
3	87	11	26	1046	210	18	74	26	13	0911	186
3	92	11	31	2022	353	18	80	26	19	2041	358
4	99	12	38	0947	195	19	87	27	26	1006	200
4	1405	12	44	2117	007	19	93	27	32	2136	012
5	12	13	51	1042	208	20	1600	28	39	1101	213
5	17	13	56	2017	352	20	05	28	44	2036	357
6	24	14	63	0941	193	21	12	29	51	1000	198
6	30	14	69	2111	006	21	18	29	57	2130	011
7	37	15	76	1036	207	22	25	30	64	1055	212
7	43	15	82	2206	020	22	30	30	69	2030	356
8	49	16	88	0936	192	23	37	May 1	76	0955	197
8	55	16	94	2106	005	23	43	1	82	2125	010
9	62	17	2301	1031	206	24	50	2	89	1050	211
9	68	17	07	2201	018	24	55	2	94	2025	355
10	74	18	13	0931	191	25	62	3	2501	0950	196
10	80	18	19	2101	003	25	68	3	07	2120	008
11	87	19	26	1026	205	26	75	4	14	1045	210
11	93	19	31	2156	017	26	80	4	19	2020	353
12	99	20	38	0926	190	27	87	5	26	0945	195
12	1505	20	44	2056	002	27	93	5	32	2115	007
13	12	21	51	1021	203	28	1700	6	39	1040	208
13	18	21	57	2151	016	28	05	6	44	2015	352
14	24	22	63	0921	188	Mar 1	12	7	51	0940	193
14	30	22	69	2051	001	1	18	7	57	2110	006
15	37	23	76	1016	202	2	25	8	64	1035	207
15	43	23	81	2146	015	2	31	8	70	2205	020
Mar. 3	1737	May 9	2576	0935	192	Mar 21	1963	May 27	2802	1043	209
3	43	9	82	2105	005	21	68	27	07	2018	353
4	50	10	89	1030	206	22	75	28	14	0943	194
4	56	10	95	2200	018	22	81	28	20	2113	006
5	62	11	2601	0930	191	23	88	29	27	1038	208
5	68	11	07	2100	003	23	93	29	32	2013	351
6	75	12	14	1025	205	24	2000	30	39	0938	193
6	81	12	20	2155	017	24	06	30	45	2108	005
7	87	13	26	0925	190	25	13	31	52	1033	206
7	93	13	32	2055	002	25	19	31	58	2203	019
8	1800	14	39	1020	203	26	25	June 1	64	0933	191
8	06	14	45	2149	016	26	31	1	70	2103	004
9	12	15	51	0919	188	27	38	2	77	1028	205
9	18	15	57	2049	001	27	44	2	83	2158	018
10	25	16	64	1014	202	28	50	3	89	0928	190
10	32	16	71	2144	015	28	56	3	95	2058	003
11	37	17	76	0914	187	29	63	4	2902	1023	204
11	43	17	82	2044	000	29	69	4	08	2153	016
12	50	18	89	1009	201	30	75	5	14	0923	189
12	56	18	97	2139	013	30	81	5	20	2053	001

BULLETIN OF NORTHERN ZONES W. I. A. TAS.

AC6 CRBIT DATA (CONTINUED)

DATE	CRBIT	DATE	CRBIT	TIME	Z	°W	DATE	CRBIT	DATE	CRBIT	TIME	Z	°W
Mar13	62	May19	2701	0909	186		Mar31	88	JUNE				
13	68	19	07	2039	358		31	94	May6	27	1017	203	
14	75	20	14	1004	200		1	2100	6	33	2148	015	
14	81	20	20	2134	012		1	06	7	39	0918	188	
15	86	21	25	0904	185		2	13	7	45	2048	000	
15	92	21	31	2034	357		2	19	8	52	1013	201	
16	1900	22	39	0959	199		3	25	8	58	2143	014	
16	06	22	45	2129	010		3	31	9	64	0913	186	
17	13	23	52	1054	212		3	31	9	70	2043	359	
17	18	23	57	2029	355		4	37	10	76	1008	200	
18	25	24	64	0954	197		4	43	10	82	2138	012	
18	31	24	70	2124	009		5	51	11	90	1102	214	
19	38	25	77	1049	210		5	56	11	95	2037	357	
19	43	25	82	2024	354		6	63	12	3002	1002	199	
20	50	26	89	0949	195		6	68	12	07	2132	011	
20	56	26	95	2119	008		7	76	13	15	1057	212	
							7	81	13	20	2032	356	
							8	88	14	27	0957	198	
							8	93	14	32	2127	010	

HOW WAS THE PARTY BRIAN!

REG 7KK will be starting work soon on tower and rotator for his TH3.

ROBIN 7RH has been making his debut on 2 metres CH4 from his portable location at Weymouth.

IAN 7ZIE has moved into his new house - obviously another good location as he puts a beaut signal into the repeater.

TIM 7ZX has also been heard on 2 metres using a borrowed transceiver but has an IGL on the way.

BILL 7AK is another one we should hear shortly on CHB using an IGL transceiver.

FRANK 7D.C. also on 2 metres with a VK3 carphone.

CROSSE DIPOLES FOR 29MHZ

Components required

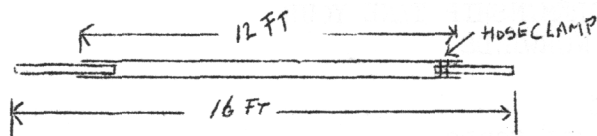
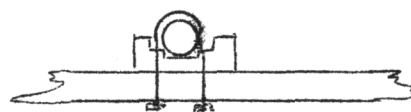
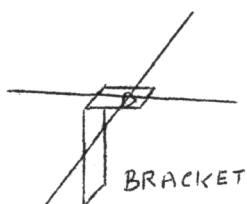
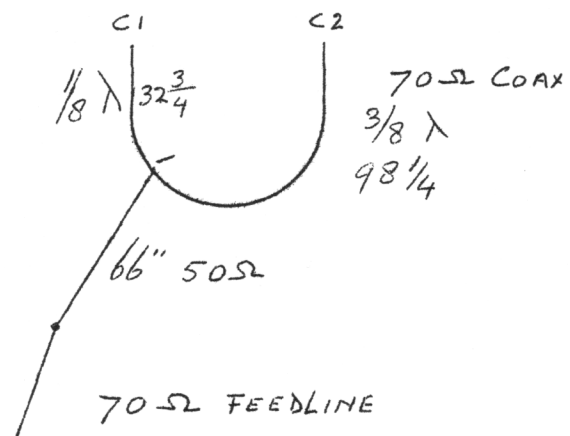
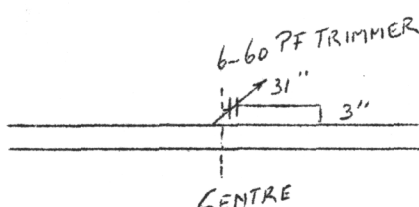
- 2 - 12 ft. sections 1" O.D. Aluminium
- 1 - 12 ft. section Aluminium to fit inside 1" O.D.
- 4 hose clamps 1" inside diameter
- 2 - 6-60 PF trimmers
- 1 - 6 ft. section aluminium tubing 3/8" diameter
- 1 - 4 bolt TV fitting

CONSTRUCTION

Split ends of 12 ft. section and fit approximately 2.6 of tubing inside each end and adjust total length to 16 ft. Fit gamma match tubes as per diagram using the 3/8" tubing.

Peter 7PF designed this aerial and matched the dipoles using a noise bridge. At my QTH not owning this piece of equipment I tuned mine as follows: Set one trimmer at minimum capacity then tuned the other for maximum noise. Note the position at which it peaks then return it to minimum and tune the other for maximum noise now reset the first at the noted position and the whole system should work OK.

Best of luck, JOE VK7ZGJ.

MOUNT AERIALS USING STANDARD TV FITTINGSCONNECTING HARNESS

* NORWINDS*****NCRWINDS*****NORWINDS*****NORWINDS*****NORWINDS*****NORWINDS*****NORWINDS
*
*
* FOR EXPERT MOTOR REWINDING UP TO 300HP D.C., SINGLE PHASE AND THREE PHASE
*
* 24 HOUR SERVICE FOR MOTORS UP TO 15 HP
* ALL JOBS GIVEN APPLICABLE NEW MOTOR GUARANTEE
*
* VERY COMPETITIVE PRICES AND AN OVERIDING DISCOUNT
* GIVEN TO THE NORTHERN ZONE CLUBROOM ACCOUNT
*
* FOR FIRST CLASS WORKMANSHIP TAKE YOUR
* MOTOR TROUBLES TO NORWINDS
*
* 139 CORMISTON ROAD
* OR PHONE 273013 ALL HOURS
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* NORWINDS*****NCRWINDS*****NORWINDS*****NORWINDS*****NORWINDS*****NORWINDS*****NORWINDS