

THE WIRELESS INSTITUTE OF AUSTRALIA

TASMANIAN DIVISION

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

AUGUST 1966

M O N T H L Y B U L L E T I N

PRICE 5c.

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VK7AL

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Registered at G.P.O., Hobart, for transmission by post as a periodical.

EDITORIAL

R.D. Contest day once more comes round, and no doubt in all parts of Australia, seldom-used rigs will be dusted down and tried out in preparation for the contest. In the 24 hours or so of the contest a rare phenomena will occur. The latecomer to the scene will have trouble trying to find a clear spot to operate, not from commercial QRM, but from the great number of amateur stations. By late Sunday night the bands will once more have reverted to their usual state of comparative calm. (Well, maybe we wouldn't appreciate an R.D. contest every day of the year, but just imagine R.D. activity spread over 12 months!)

Pause a moment, before you push the key, and spare a thought for the lads who made the R.D. -- those whose supreme sacrifice we commemorate each year. Spare a thought and then -- Go to it!

Best of luck,

Anne VK7LY.

MEETINGS FOR AUGUST

August 2nd. North-West Zone Meeting. Lakins Hall, Ulverstone. 2000hrs.

3rd. Headquarters General Meeting. 147 Liverpool St., Hobart. 2000hrs.

12th. Northern Zone Meeting. Adult Education Rooms, 51 York St., Launceston.

15th. Council Meeting.

17th. V.H.F. Group Meeting. Clubrooms, Hobart.

The Northern Zone meeting will be the Annual General Meeting, and a big roll-up is required to ensure its success.

Headquarters Meeting. A second lecture will be given by Ted Beard on the subject of Civil Defence.

There will be

NO OFFICIAL BROADCAST

on

SUNDAY 14th AUGUST.

All stations will be VERY BUSY getting big scores for the Contest.

NOTICES.

IT MUST BE STRESSED THAT THE REGULATIONS AND HANDBOOK REMAIN UNALTERED UNTIL SUCH TIME AS MINISTERIAL APPROVAL IS OBTAINED FOR THE PROPOSED AMENDMENTS. ALL AMATEURS ARE BOUND TO COMPLY WITH THE PROVISIONS OF THE CURRENT HANDBOOK.

The R.D. Contest opening will take place at 1745 hrs. EAST on Saturday 13th August; frequencies 3672 kcs. and 7115 kcs. as well as the usual V.H.F. frequencies.

Dont forget that VK7WI is available for this contest. Members wishing to make use of this offer should contact D. Thorne or G. D'Emden for the keys.

ARRL BOOKS.

The following ARRL publications can be ordered through the Secretary of this Division. Orders, together with money, to be with the Sec. by 19th September.

The Radio Amateur's Handbook	\$ 4.95	QST Index 1950--1965
" " " "clothbound	\$ 6.30	including future
A Course in Radio Fundamentals	\$ 1.13	Supplements _____ \$ 0.30
The ARRL Antenna Book	\$ 2.03 ✓	
Hints and Kinks	\$ 1.13 ✓	Calculators Type A for
Understanding Amateur Radio	\$ 2.03	Frequencies, Capacities,
The Mobile Manual for Amateurs	\$ 2.70	Inductances, Coil-Data,
Single Sideband for R. Amateurs	\$ 2.70 /	Design etc. _____ \$ 1.20
The Radio Amateur's VHF Manual	\$ 2.03	
How to Become a Radio Amateur	\$ 0.90	Calculators Type B for
The USA Amateur's Licence MI.	\$ 0.45	Volts, Ohms, Power,
Learning the Radiotele. Code	\$ 0.45	Amperes, etc. _____ \$ 1.20

CONTESTS.

August 13/14th. Remembrance Day Contest.
 " 13/14th. W.A.E. Contest. C.W. Section.
 " 27/28th. All Asian D.X. Contest.
 September 3/4th. W.A.E. Phone Section.

QSL Bureau.

Jack, VK7JB reports that he has posted 2550 cards since March 1st. This number exceeds any previous year. Two things would make Jack's task a little easier.

(a) For new callsign areas or callsign areas which have been changed, please indicate the area where they are located.

(b) If you know the callsign of a QSL manager, please indicate this as a further check on the address.

It is impossible to keep up with all new callsigns etc., so the more information you can give, the less chance there is of delay in delivery.

BULLETIN GETTING YOU DOWN?

Are you sick of reading the same old items over and over? Do you dread tearing off the wrapper and reading your Divisional news-sheet?

S T O P !

NOW! Exciting news for all sufferers from this dread disease. The cure is within YOUR reach now. Select a chair--- any chair, and place in front of you a writing pad and biro. Now spend a few minutes drawing that circuit, or writing that article or bits of news.

I M A G I N E!

Those few minutes,

and a total cost of 4 cents

can CURE you.

Get with it. Try it soon.

Satellites '66 and all That.

Project Australis: Telemetry will now appear on both HF and VHF beacons. As the system works by switching the transmitters over a number of millisecs., it will halve the power drain, and if a fault occurs telemetry will still be able to be heard.

EUROSCAR: The European Oscar has not yet arrived in the USA, but should do so within the next few weeks. Not much correspondence has been circulated, probably because it is a one man effort for the greater part. It will go into orbit late this year or early next year, and is very similar to Oscar III, having a 2 metre repeater (in and out on the 2 metre band), and going into a 500 mile orbit.

Oscar V: This will be a repeat of Oscar IV. The input frequency will be 144.1 and output freq. 431.97 mcs. It will go up in February 1967, into a 20,000 mile orbit.

Oscar V, because of height of orbit, will present its own problem in tracking, which will be discussed at a future date. It is recommended that for Australis and Euroscar, a circularly polarised antenna be used, as this type greatly minimises fading. A Helix (QST Nov. 1965) or crossed Yagi are suggested, and the antenna should steer both vertically and horizontally (this has shown up markedly on Oscar III).

Elevation and azimuth bearings will be forwarded to all capital cities; in VK7 these should do for both Hobart and Launceston.

ERRATA: dates for W.A.E. Phone Section..... 10/11th August.

A Little Bird Says:

VK7WI will probably be SSB on an Eico transmitter, for the Contest

VK7EJ has received a promotion, and in future will be travelling through VK7 quite a bit. Reckon that SSB rig will be in the car in future, eh Ted?

After 6 years of waiting, Ian VK7ZZ has received a QSL from Mississippi, and is now eligible for W.A.S. , as well as having reached DXCC status.

Ray Davis, ass. member, has passed either the Radio or T.V. Ops. (we're not sure which) and only needs Regs. now to be active on VHF. Les Cooper (ass.) and David Van Galen sat for the last AOCP exam and are anxiously await results.

Crosby VK7CR, is now back from Canberra; Due to antenna problems, Crosby had only a couple of scratchy contacts back to VK7.

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VHF SUPPLEMENT

by VK7LY

At the last meeting of the VHF group, the Ross Hull Memorial Contest rules were read and the amendments unanimously approved of. Main changes to the rules for the contest are; (a) Points for scoring, (b) Instead of 7 consecutive days, the 7 best days can be picked. A foxhunt will be held after the next meeting, timed to start at 2030; the meeting will start at 2000 hrs. as usual.

M.C.W. practice will re-commence on August 16th., the instructors taking a well deserved rest in the meanwhile. And talking about CW, believe congrats. will be in order within the next few weeks for the 3 brave ones who tackled the last exam.

David Johnson has now taken out a callsign, so hope its not too long before we hear VK7ZDV's voice cutting the ether.

Mike 7ZMC, will soon be mobile on 6 metres once again, having joined the upper society of Hobart with an Austin 1800! Harvey, 7ZHF, has joined the H.P. gang with about 60 watts on 6 metres. Think its about time we started a QRP club on VHF, limiting all txs. to 3 watts or so. HI!

Mystery, deep and dark, lurks on the eastern shore, at the residence of John, 7ZJG,; from secret mutterings heard on 2 metres, John's engaged on a very VERY, secret project. We have suspicions of what it might be, but for the present will keep quiet!

Mike 7ZAV, changes his voice quite frequently nowadays; believe he has to alternate transmitters in order to transmit an intelligible signal. He's just waiting for that first prize in Tatts. to come through, to completely re-equip the shack.....

From the North and North-west, via our very reliable agent 007--oops, Sandy 7ZFL comes quite an interesting round-up.

On 29th June, an unexpected opening occurred on 2 metres, being particularly good to VK3. Stations heard operating were 7DK, 7ZLX, 7BR, 7LX(possibly should be LZ) 7ZBW, 7ZAH, 7ZBE, 7ZAA.

Trevor, 7ZLX, is soon to erect a 4 stacked 10 element array for 2 metres; Harry VK7BR, is rebuilding equipment, and Roger, 7ZSD, is constructing a 60 watt 6 metre rig.

Reg., 7RL is well prepared for his impending visit to VK4, and will take with him 6 and 2 metre gear, so watch out for Reg. DX-wise. Neville 7ZEE, will be DX hunting in future, as he's moving to a new QTH in Burnie with brighter prospects for DX.

Bob. 7ZAA, is reported to be progressing well with his 6 metre mobile. Brian 7ZBE, is active once again, having built a new modulator for the 2 metre rig; (believe Brian can now be understood when he speaks)

Mike 7ZMW has a 2 metre convertor working now, and can work north and north-west stations from his QTH at Northdown, near Devonport. Kevin 7ZAH, is in the process of building a new exciter (VFO) for .6 and 2 metres.

Guess thats all folks.

73's Anne.