

TASMANIAN DIVISION

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

MONTHLY BULLETIN

PRICE 5c.

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VK7AL

TREASURER: Mr. T. Connor
VK7CT

SECRETARY: Mr. E. Beard
VK7EB

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

EDITORIAL.....

1967 marches on. Easter, and with it, the Federal Convention, has come and gone.

With each month that passes, activity on the bands, new memberships and band conditions seem to be on the improve. The only thing that does not improve is the supply of news for this bulletin. Please read the VHF notes on the last page and think about it.

The editors apologise for the lateness of the bulletin this month, but due to the extremely busy period of the last couple of months, with the Annual General Meet. and Dinner and the Federal Convention, stencils and information were not available at the usual time, mainly, I think, because once again, so much has been left to so few!

It is interesting to note that with few exceptions, the only members who attended the Convention as visitors, the only ones interested enough to find out what THEIR Institute is doing for them, were all office bearers in the VK7 Division.

Don't forget your Subs. They are now well overdue and this year no-one will be carried. NO SUB.....NO AR.

Some meeting dates have been omitted for obvious reasons but we hope the next issue will be back to normal.

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REMAINING MEETINGS FOR APRIL.

APRIL 14th...Northern Zone Meeting, Adult Education Rooms, 51 York St., Launceston.

17th...Council Meeting.

19th... V.H.F. Group Meeting, Club rooms Hobart, 2000hrs.

24th...Amateur Advisory Committee Meeting. (This date is not confirmed.)

At the next Headquarters General meeting there will be a description and discussion on a transistorised communications receiver, similar to the one in A.R., by Len. 7LE.

The following month Miles, 7MF, will probably continue his lecture on Propagation L.F. to V.H.F., the first half of which was delivered to one of the best attended meetings I have seen for quite a while. Some very interesting points came up, and this type of knowledge can be of great benefit, especially to those interested in DX. The follow up to the lecture will cover the V.H.F. region.

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1967 FEDERAL CONVENTION.

No details of the business that transpired at the Convention will be reported here, as a full report will appear in "Amateur Radio" in the near future. Suffice to say that all the agenda items were covered and it appears that the Convention was a success. Indeed the functions associated with the Convention were a success. The dinner on Saturday night was a huge success in itself. It was good to see the interest shown by country members, with several North and North West Zone chaps in attendance.

An outing to the Tasman's Peninsula area was arranged on Sunday, and a large number of members and their XYLs and families made the trip to Port Arthur, where a barbecue dinner was enjoyed by all.

Council wishes to thank all those who helped with transport and the thousand and one other jobs which contributed to the smooth running of the whole Convention.

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1967 TASMANIAN DIVISION COUNCIL AND OFFICE BEARERS.

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T. Allen, VK7AL.

SNR. VICE PRESIDENT

T. Connor, VK7CT.

VICE PRESIDENT

G. D'Emden, VK7ZAS.

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B. Muir, VK7TX.

E. Cruise, VK7EJ.

L. Pretty, VK7ZLP.

DIVISIONAL CORRESPONDENT L. Pretty, VK7ZLP.

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	M. Jenner, VK7FB.
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COMMITTEE	K. Millen, VK7KA.
Y.R.C. CO-ORDINATOR	M. Hooper, VK7ZMC.

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SUBSCRIPTIONS.

The final date for these, before A.R. is stopped, 17/4/67, (next Council meet.)

FULL CITY	\$4.00
FULL COUNTRY	\$3.50
ASSOC. CITY	\$3.50
ASSOC. COUNTRY	\$3.00
STUDENT	\$2.50

SEND IT NOW!!!

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PROJECT AUSTRALIS

The chaps involved in the building and testing of the Project Australis satellite have struck quite a few technical problems with the equipment, but these have now been beaten and it is hoped that the unit can be shipped to the States during the last half of May. The results of the tests now being conducted will be published later. All amateurs will be notified as soon as a definite launching date is known, but it may be some time before a lift into orbit can be arranged by Project Oscar.

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DXCC ENTHUSIASTS.

A bulletin from the DXCC Committee in the USA has been received concerning the activities of Dr. Don Miller, W9WNV. Mr. Miller has been operating from several "hard to get countries" but in so doing, he has broken some rules of the DXCC and the Amateur Code, as well as violating the licensing agreements with at least 3 countries. As a result of this the following relevant passages are quoted.

3. That credits for contacts with KLIMP/KC4, Navassa Island, and VU2WNV, "Laccadives", are suspended, until the Committee is satisfied that the operations were properly authorized by the respective agency or government involved.

4. That, because of evidence that at least some QSL cards have been transmitted by or on behalf of Dr. Miller confirming contacts which never took place, credits for contacts with VQ9AA/A, Aldabra; FR7ZP, Glorioso; VQ9AA/D, Des Roches; and 1M4A, Minerva Reef; are suspended.

5. That no credits will be given for future contacts with Dr. Miller operating from DX locations until further notice.

IS9WNV may be included in these. If further information is required, contact Jack, VK7JB, the QSL manager.

THE TURBO ENCABULATOR

By R. Itbeyewash.
URLAF

Work has been proceeding in order to bring to perfection the crudely conceived idea of a machine that would not only supply inverse reactive currents for use in unilateral phase detractors but would also be capable of automatically synchronizing cardinal grammeters. Such a machine is the "Turbo Encabulator".

The prototype machine had a mounting plate of prefabulated amulite surrounded by a malleable logarithmic casing in such a way that the two spurving bearings were in a direct line with the pentametric fan. The main winding was of the normal lotus- ϕ -delta type placed in panendermic semi-boloid slots in the stator, every seventh conductor being connected by a non reversible tremie pipe to the differential girdle spring on the "up" end of the grammeters.

Forty one manestically spaced grouting brushes were arranged to feed into the slip-stream a mixture of high S value phenylhydrobensamine and 5% reminative tetryliodohexamine. Both of these liquids have specific pericosities given by the formula $P=2.5Cn^{6.7}$ where n is the diathetical evolute of retrograde temperature phase disposition and c is Cholmondeley's annular grillage coefficient. Initially n was measured with the aid of a metaphor refractive pilfrometer but up to the present date, nothing has been found to equal the transcendental hopper dadoscope for accuracy.

Undoubtedly the Turbo Encabulator has now reached a very high level of technical development. It has been successfully used for operating nofer trunnions. In addition whenever a barescent-skar motion is required it may be employed in conjunction with a drawn reciprocating dingle arm to reduce sinusoidal depletionation. It has also been used to drive the tri-band 3 element widespaced directional dispersal ring radiator with great success.

Further details will be published as they come to hand from out Overseas correspondent. (A full kit of parts for an experimental version are available from our disposal store, 147 Liverpool St., Hobart, at \$2. 5/11)

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VHF NOTES by Feed Back.

Unfortunately, as we still lack a certain amount of co-operation from members, there is as usual, very little to report. I think we will be pretty well informed o f activities in the Launceston area now, as the Hooper Emporium has moved north, and if I cant sq ueeze anything out of him I give up!!! We would appreciate a few notes from the North West area each month and this does not neccessarily mean the effort of puting pen to paper. 7FB and 7LY are active on all bands from 3.5mhz right thru to 53.035 and shortly on 144 as well, just about every day. On two Sundays out of every three, we are on 3672 Kc during and after the call-back, and if we can not be contacted at this time, or on this band at this time a sched could be arranged thru just about any active Hobart station, as we are in contact with them all at some time during each week. This of course applies to HF notes as well. With a little co- operation from members, the bulletin can be made as big and as informative as you would wish, but we are not mind readers, nor can we print a page of notes with- out the necessary information. Help us to help you!

73s Mike, VK7FB.