

FEDERAL COMMENT.

In April 1963 the Secretary-General, International Telecommunications Union, Geneva, invited the Australian Government, together with all Member-Administrations, to send a delegation to the Extra-ordinary Administrative Radio Conference to allocate bands for Space Radio-communication purposes which will open in Geneva on 7th October this year.

To deal with problems which will arise as a result of proposals for frequency allocations for the Space Service, Postmaster General Davidson formed a special Ad Hoc Committee to which the Wireless Institute of Australia was invited as a voting member representing the Amateur Service.

Known as the Radio Frequency Allocation (Space Service) Committee it has worked over the past many months to determine the brief for the Australian Delegation to Geneva. At the numerous meetings held in Melbourne and Canberra the Wireless Institute of Australia has been represented by Mr. Arthur Ernest Tinkler VK3ZV whose expenses have been paid by the Government.

As a result of his expert co-operation and his knowledge of the problems involved during the deliberations of this Committee, the Government invited the W.I.A. to send an observer representative with the Australian Delegation to Geneva. This was accepted and after discussions with Federal Executive Mr. Tinkler agreed to undertake the representation of the Amateur Service at the Conference.

Deliberations in respect of the Space Service requirements involved many services and therefore of necessity the activities of the Committee were of a restricted nature. However, through its representative the W. I. A. kept close watch on the problems involving our VHF and UHF assignments and, at the final meeting of the Committee, the status quo was maintained.

Never before has the world-wide Amateur Service faced such problems relative to its frequency assignments as it has faced in the last decade and it must expect to face even greater problems in the future. To deal with these problems representation at Government level is imperative and it is the role of the Wireless Institute of Australia to act for VK amateurs. The Institute has pledged itself to do this with all its might despite opposition from Misinformed sources, contending that it is unable to do anything effective. It has successfully campaigned to have representation at Government level on frequency allocation committees and the work of its representative has been praised by responsible officials. Because its members belong to a service with quite wide overall frequency allocations it is in the best interests of all other frequency users that the Institute plays its effective part in formulating any plan for the successful engineering of the frequency spectrum on an equitable basis.

To say that the Institute can do nothing about amateur problems is foolish. To say that it should do everything in its power to protect the amateur frequency allocations is realistic thinking! The ill-informed few who say we are unable to do anything would be the first to say ... "Why didn't the W.I.A. do something".....if the future wrecked our chances and we indeed had done nothing!

..... Federal Executive.

STRAYS by VK7EB

Heard that Jack Batch. (VK7JB) is contemplating a move - my spies seem to think it may be in the Sorell area - he positively drooled at the lack of power noise down there during the Jamboree of the Air.

Anyone want any paint? I believe Tom (VK7AL) has "gallons" to dispose of - just call up at Tom's place, take a good paint brush when you go and I'm sure he will accommodate you.

Hon. Treasurer going on holidays (again) hope the weather is as kind to you as it was to me.

Anybody desirous of a sea-grass stool for the shack? Just place your order with Nicholls Inc., what will that wily old fox turn to next? I wouldn't mind one myself but he'd probably sock me with the price.

Don't forget to make the Hamfest a must chaps - bring Mum or the girl friend along (not both) remember it is up to you to make it as good as the last one - or better.

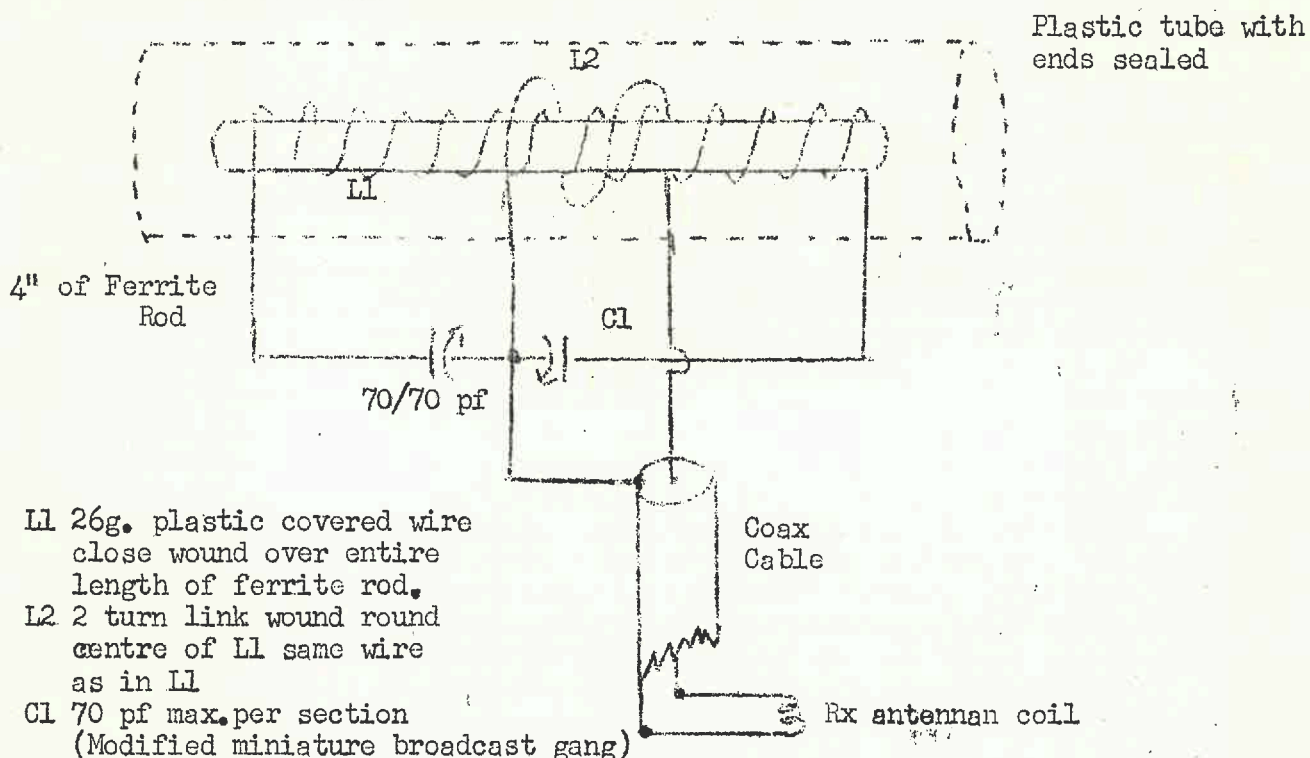
SCRAP METAL.

Don't forget we still want scrap brass, lead, copper or aluminium - also rags. These can all be sold and proceeds will go to the Club House Fund.

TECHNICAL by D. Thorne VK7ZAI

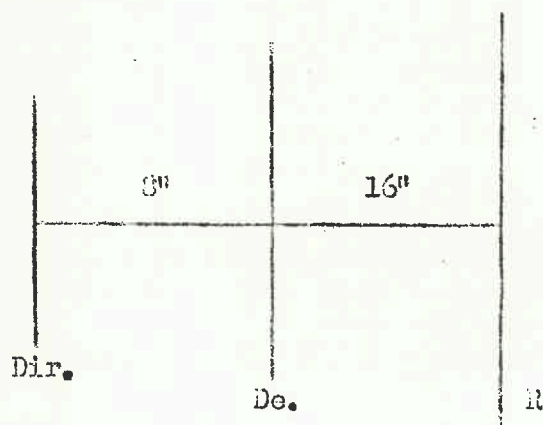
With the coming summer, the season for hidden transmitter hunts, hamfests and field days begins. A transistorised 144 mc/s superregen has already been described and so this month we will describe a 144 mc 3 element Yagi, and a 3.5 mc/s loop suitable for D.F. Working.

3.5 mc/s "Pump Handle Special" as used by VK7KC



The ferrite rod is placed inside a length of plastic tube. A short length of metal tube is fixed to the centre of the plastic tube for a mast. The coax cable is fed down this mast. The wires from the coil pass through a small hole drilled in the plastic tube. The ends of the tube are sealed with a disc of perspex. The two gang condenser can be mounted in a plastic lunch box under the coil and waterproofed accordingly. The tuning condenser is adjusted to the frequency required, and requires peaking when an adjacent frequency is selected. This unit is currently in use by VK7KC who has a working model available for inspection if required.

144 mc 3 element Yagi



Gain - 7.5 db
Back to front - 24 db

Element Lengths - 144.5 mc/s :

Reflector	40"	$\frac{1}{4}$ " dia.	Aluminium or copper tube
Driven Element	38"	$\frac{1}{4}$ " dia.	" "
Director	36"	$\frac{1}{4}$ " dia.	" "
Boom	25" x $\frac{1}{2}$ " tubing		

Driven element details

