

Page 3.
The Monthly Bulletin of the Wireless Institute of Australia
Tasmanian Division.

FOR SALE.

The following crystals are held in some quantity by the Equipment Store.

It is not anticipated that any further stocks will be available when present stocks are depleted.

The following type FT243 crystals are available at 75cents each, postage extra if applicable.

2840	3295	3680	3725	3760	3800
3990	3995	4080	4535	4580	4620
5327.5	5730	5820	5860	6042.5	6405. Kc/s.

The following type D (surplus) crystals are available at \$1 each, plus postage if applicable.

I3940, I3950 Kc/s.

The following type D (new) crystals are available at \$3 each, plus postage.

3502	3673.8	5894.5	5903	7149
8008.5	I3962	I3963	24016.5	Kc/s
and 46.0 Mc/s.				

The above ten crystals are series resonant types.

HF Converter.

"GONSET" Super I2 All band converter. Unused. Hybrid, I2 volts negative earth. Tunes from 3.8 -- 30 Mc/s in five bands. In out in the broadcast band. Suitable for mobile use. Price \$27 or near offer.

All enquiries for the above equipment to be sent to "Equipment Store"

IA Tas. Div.
Box 851 J GPO.
Hobart 7001.

Don't forget that the Equipment Store carries the above goods and many other items such as airdux coils, ceramic insulated variable condensers, winding wire, computer circuit boards and many other items

So if you are building or going to build gear go along and see what they have, it is most likely that the parts required are there.

We hereby nominate FOR FEDERAL COUNCILLOR.

Proposed.....

Seconded.....

I hereby accept this nomination

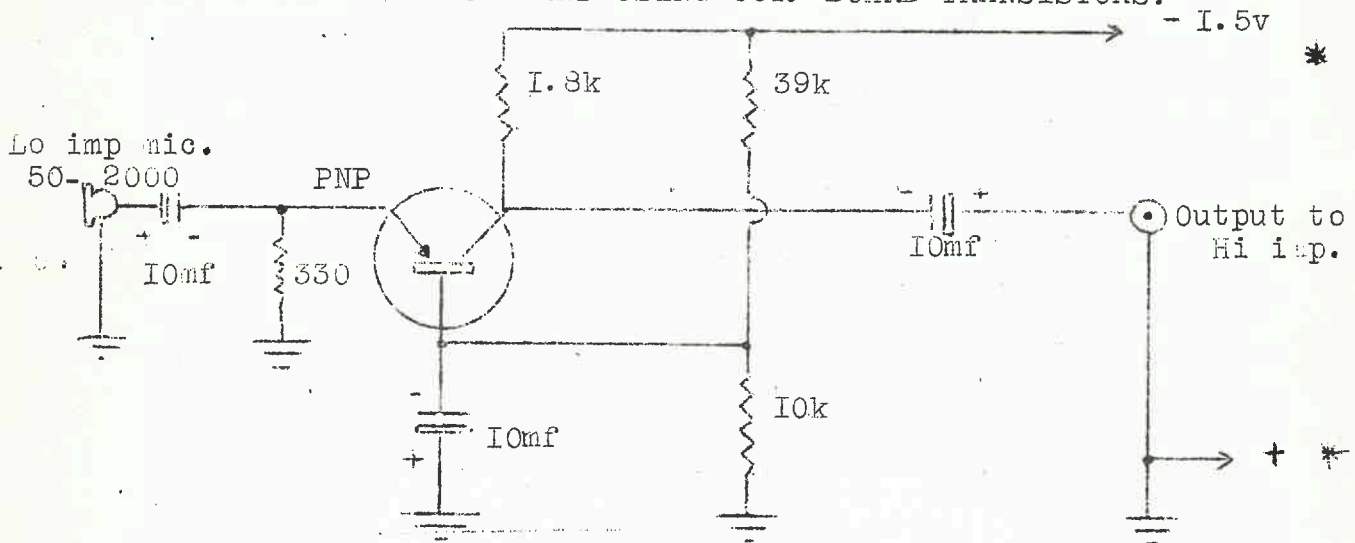
..... Nominee..

The Monthly Bulletin of the Wireless Institute of Australia
Tasmanian Division.

TECHNICAL ARTICLE:

This months articles were submitted by John VK7ZJG and should prove to be very interesting and usefull circuits.

DYNAMIC MICROPHONE PRE-AMP USING OCT. BOARD TRANSISTORS:



* Note - Reverse supply & electro polarity for NPN transistors.

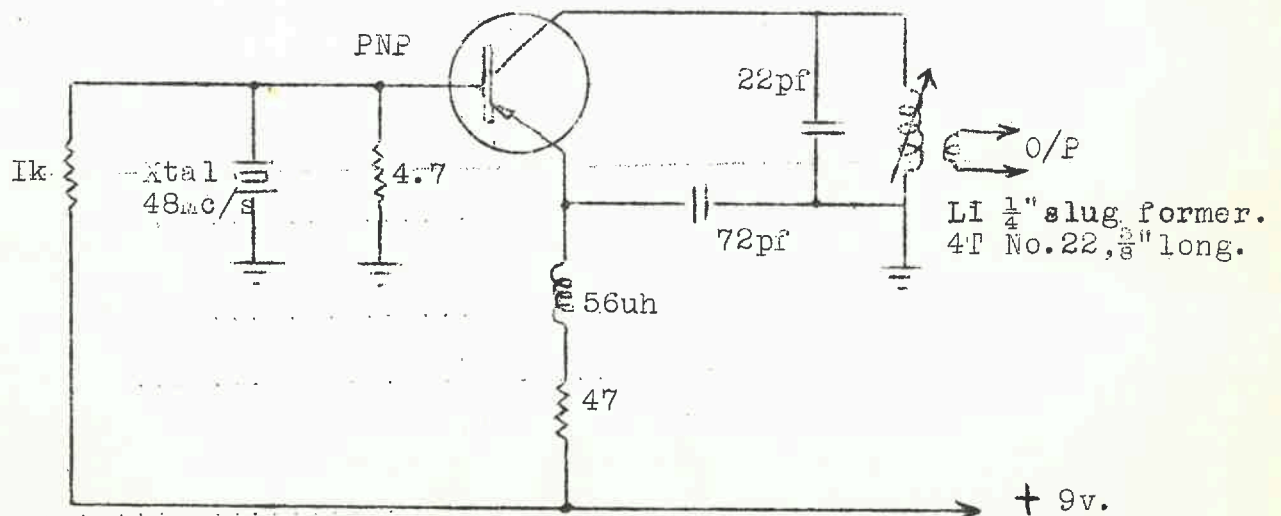
Transistor types tested.

PNP	034	medium gain	Slight noise	T05
	033	Low "	medium "	T05
	IH2,6223	HI "	Low "	T018 Black.
	I02E,6503	HI "	Low "	T018 Texas.

NPN	086	medium Gain	Slight noise	T05
	07I	HI "	Low "	T05

Noise and gain tests taken by feeding into good quality audio amplifier, results by comparative listening tests.

OVERTONE XTAL OSCILLATOR USING OCT. BOARD TRANSISTORS.



Transistor types tested at 48mc/s.

Black T018 IH2,6223

Texas silver T018 I02E,6503

Both types give identical results and oscillate OK.

Adjust slug in output coil for reliable starting.

R. F. C. Bonus::

Plenty of these on the circuit boards, they may be labelled as 56uh or colour coded.