

## G. E. & L. M. TURNER

Flagstaff Gully Road

LINDISFARNE  
HOBART

Tas. Representatives  
Wm. Bedford Ltd.  
MELBOURNE

Telephone:  
2 9378

12th. June 1962.

Dr. Grote Reber.  
C/O C.S.I.R.O.  
Stowell Avenue.  
Battery Point. HOBART.

Re. Coil Winding.

Dear Sir,

Following discussion with you on the details concerned in the manufacture of 200 coils, I wish to advise that we have estimated the cost of labour would be 15/- for the 4" dia. form, and 18/6d. for the 6" dia. form.

We understand the work entails: cutting the form to length, drilling anchor holes, winding coil, soldering centre tapping pig-tail to 100 only 4" coils and three pig-tails to 100 only 6" coils, freeing wire ends of varnish, and painting of completed coil with lacquer supplied.

We would be happy to complete this contract at an early date and are confident, providing materials are on hand, you would have them within the fortnight mentioned during conversation.

Regards, yours faithfully,

*G. E. & L. M. Turner*  
for G.E. & L.M. Turner.

*Beres did the work for less than half this price*

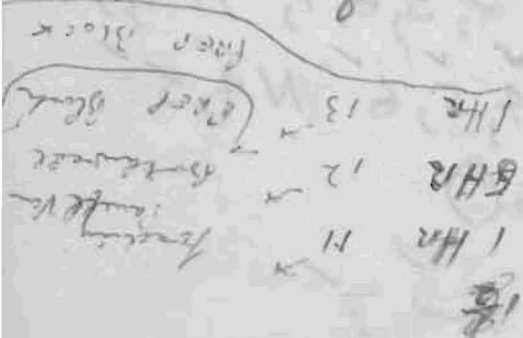
120

Production Coils used on original installation

Load taps  $8\frac{1}{2}$  turns each side of center

Secondary 150T @ 13TPI =  $0.071''$  centers = 11.5" long  
 Wire  $\frac{0.040'' \text{ dia}}{160}$   
 Gap  $0.037''$

Primary 100 T @ 7TPI =  $0.143''$  centers = 14.3" long  
 Wire  $0.080'' \text{ dia}$   
 Gap  $0.063''$



also made four extra couplers.

Two have standard 150 turn secondaries with attenuators of respectively 3DB & 4DB.

Two have special 140 turn secondaries. The load taps are at  $7\frac{1}{2}$  turns off center. Attenuators are 5DB and 6DB. These are marked 140/15T

Secondary 140T @ 12TPI =  $0.083''$  centers = 11.7" long  
 Wire =  $0.051'' \text{ dia}$   
 Gap =  $0.032''$

96 Boxes total

Position Code

3DB (16 total)

F 4,5 G 4,5 H 3,4,5,6

J 3,4,5,6 K 4,5 L 4,5

4DB (28 total)

D 4,5 E 3,4,5,6 F 3,6 G 2,3,6,7 H 2,7

J 2,7 K 2,3,6,7 L 3,6 M 3,4,5,6 N 4,5

5DB (24 total)

C 3,4,5,6 D 2,3,6,7 E 2,7 F 2,7

L 2,7 M 2,7 N 2,3,6,7 O 3,4,5,6

6DB (16 total)

C 2,7 F 1,8 G 1,8 H 1,8

J 1,8 K 1,8 L 1,8 O 2,7

8DB (4 total)

B 4,5 P 4,5

9DB (4 total)

B 3,6 P 3,6

12DB (4 total)

A 4,5 Q 4,5

(over)