

W.S. 1058

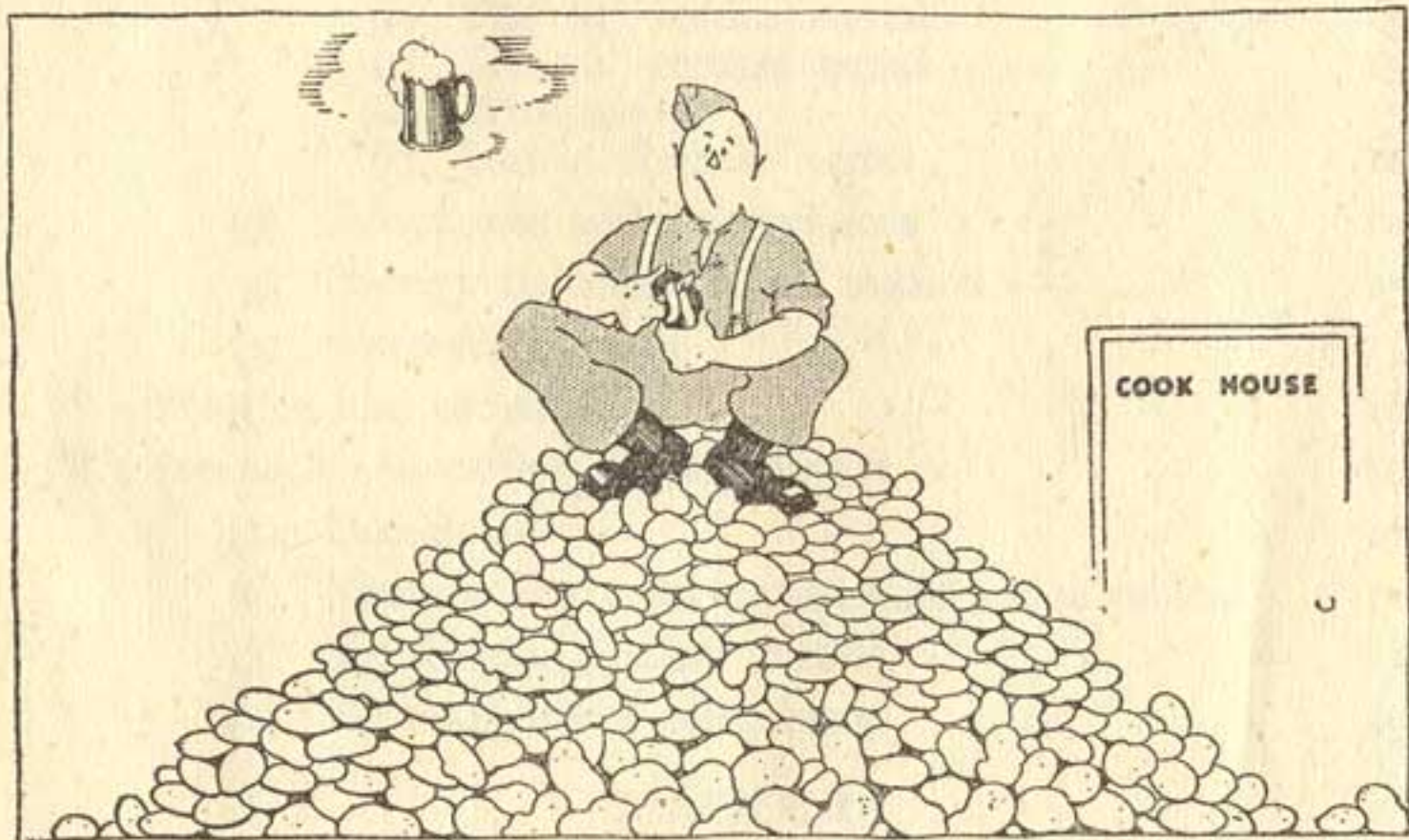
**W.S. N° 22**

**WORKING  
INSTRUCTIONS  
PART I**

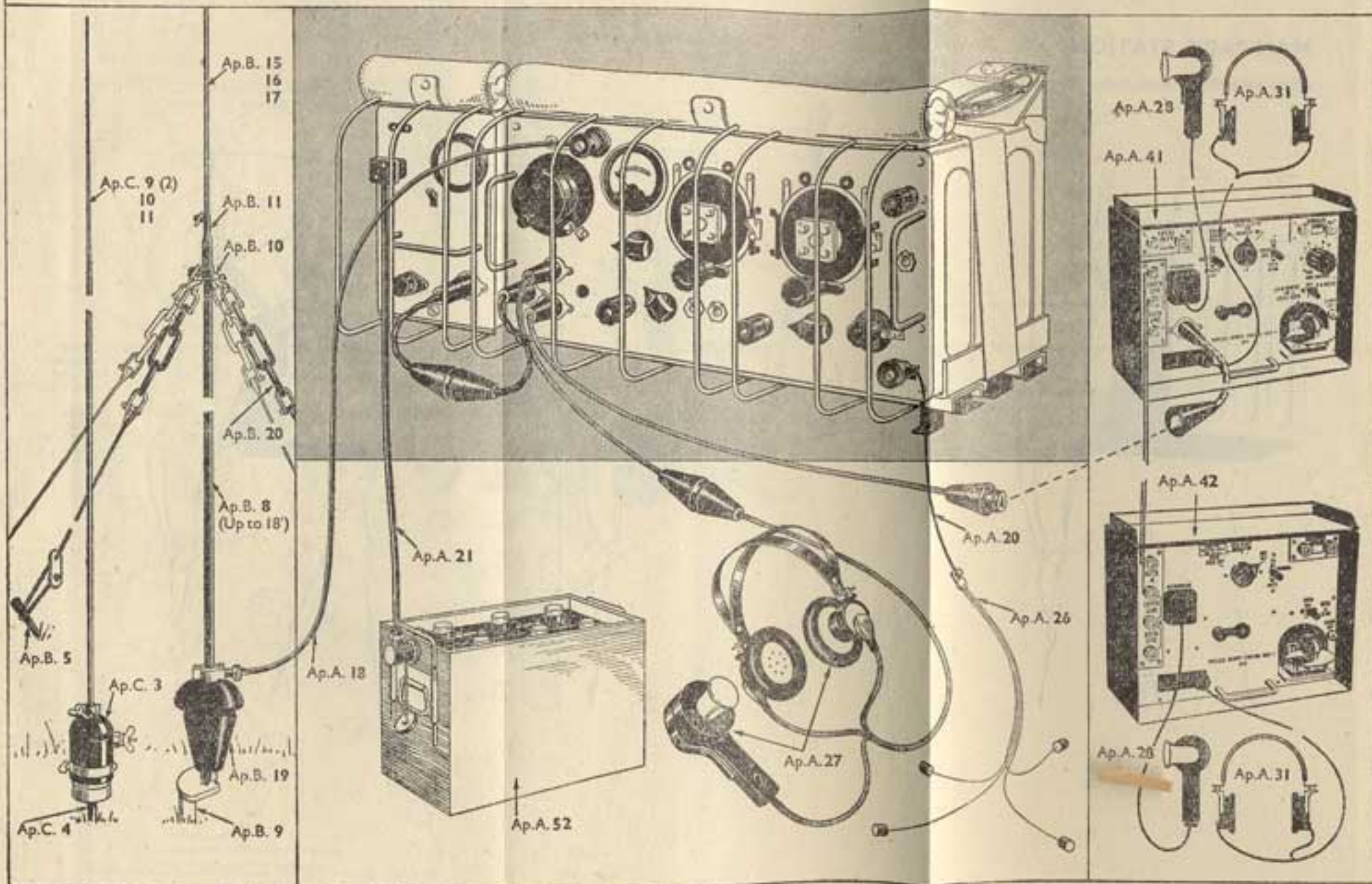
**Z.A. 14048**

**(P.C. Ref. No. 64697)**

**THE CONTROL-STATION OPERATOR WHO RETURNED AFTER NETTING**







Description of parts can be found in Appendix A, B or C as indicated.

Fig. 1

# MAN-PACK STATION.

unless otherwise stated, Index Nos. refer to Appendix A Complete Station List

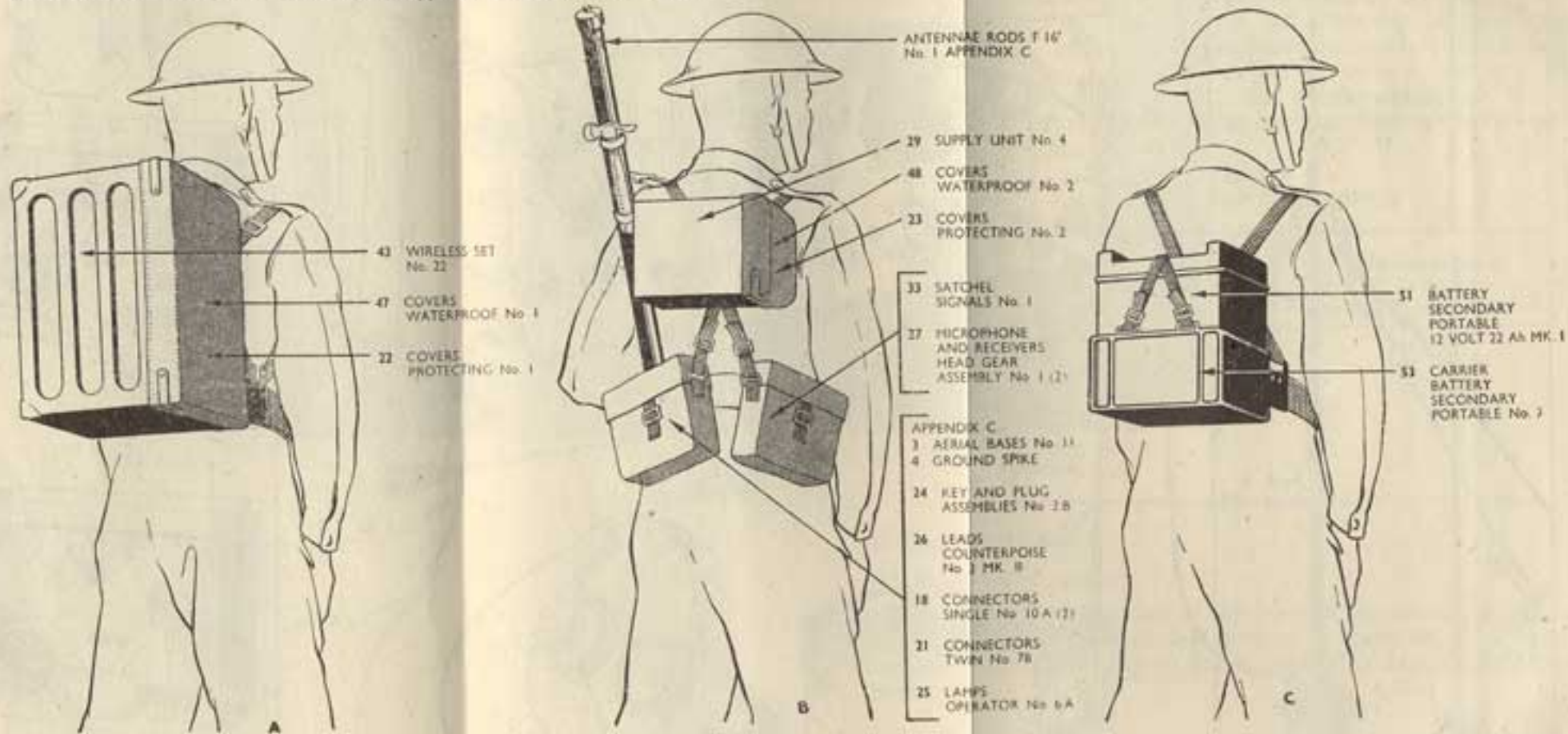


Fig. 5.



# CONTROLS AND ADJUSTMENTS

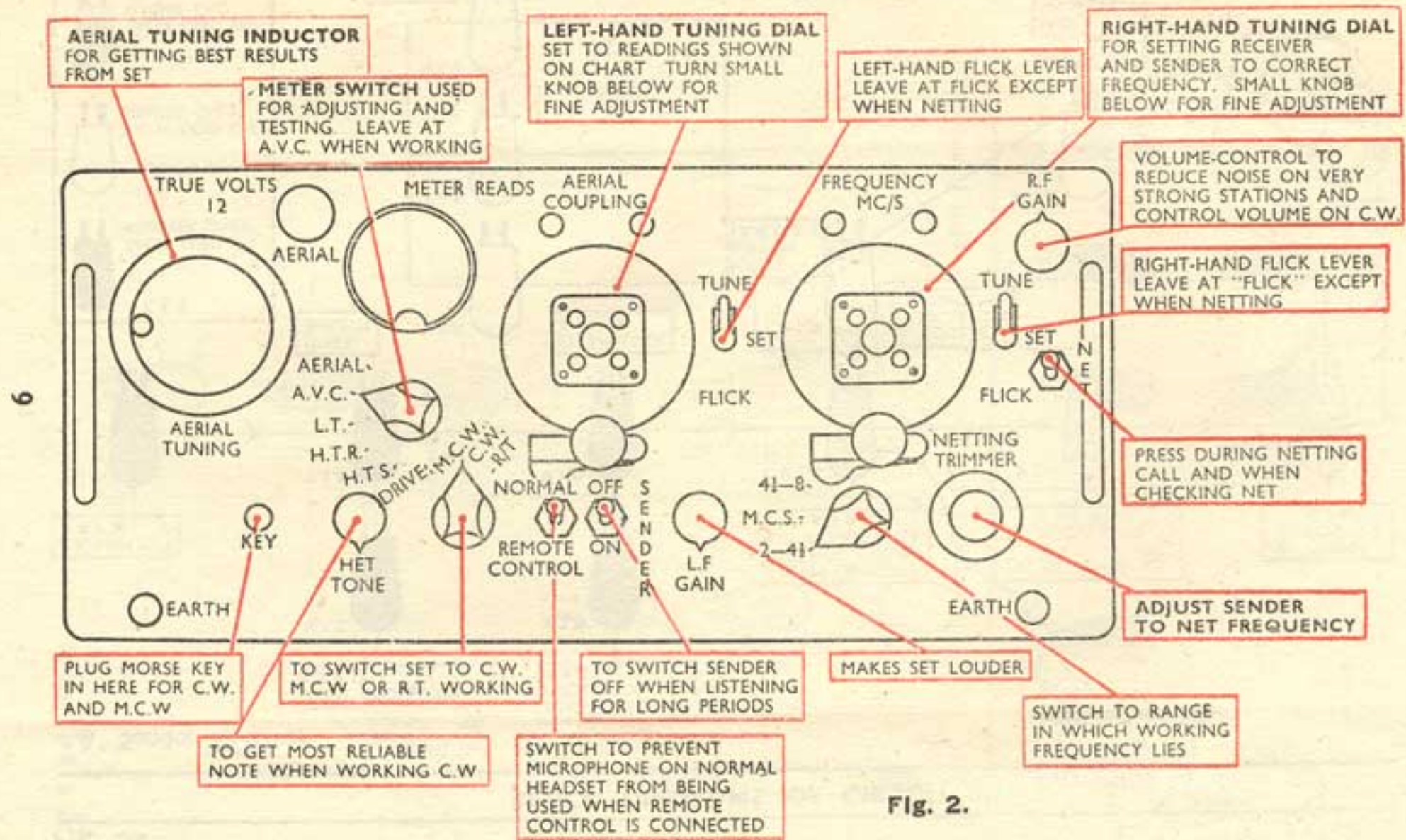


Fig. 2.



## BLOCK DIAGRAMS OF CIRCUIT

## 'A' Sender Receiver

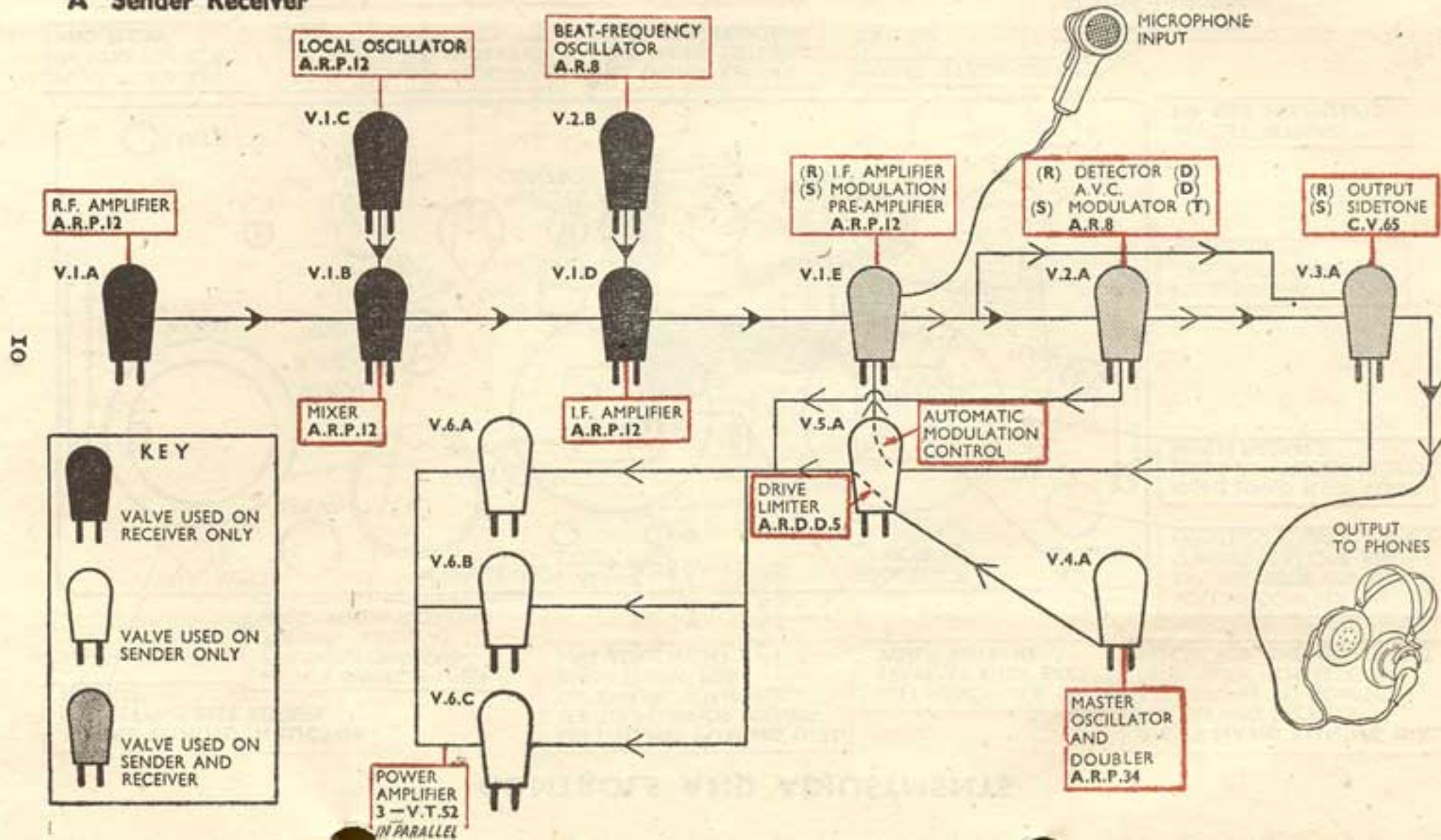
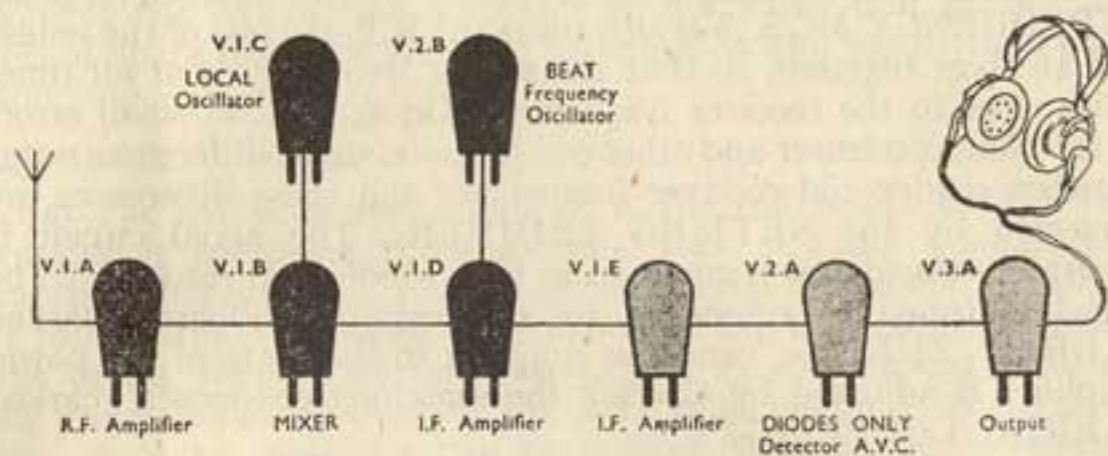


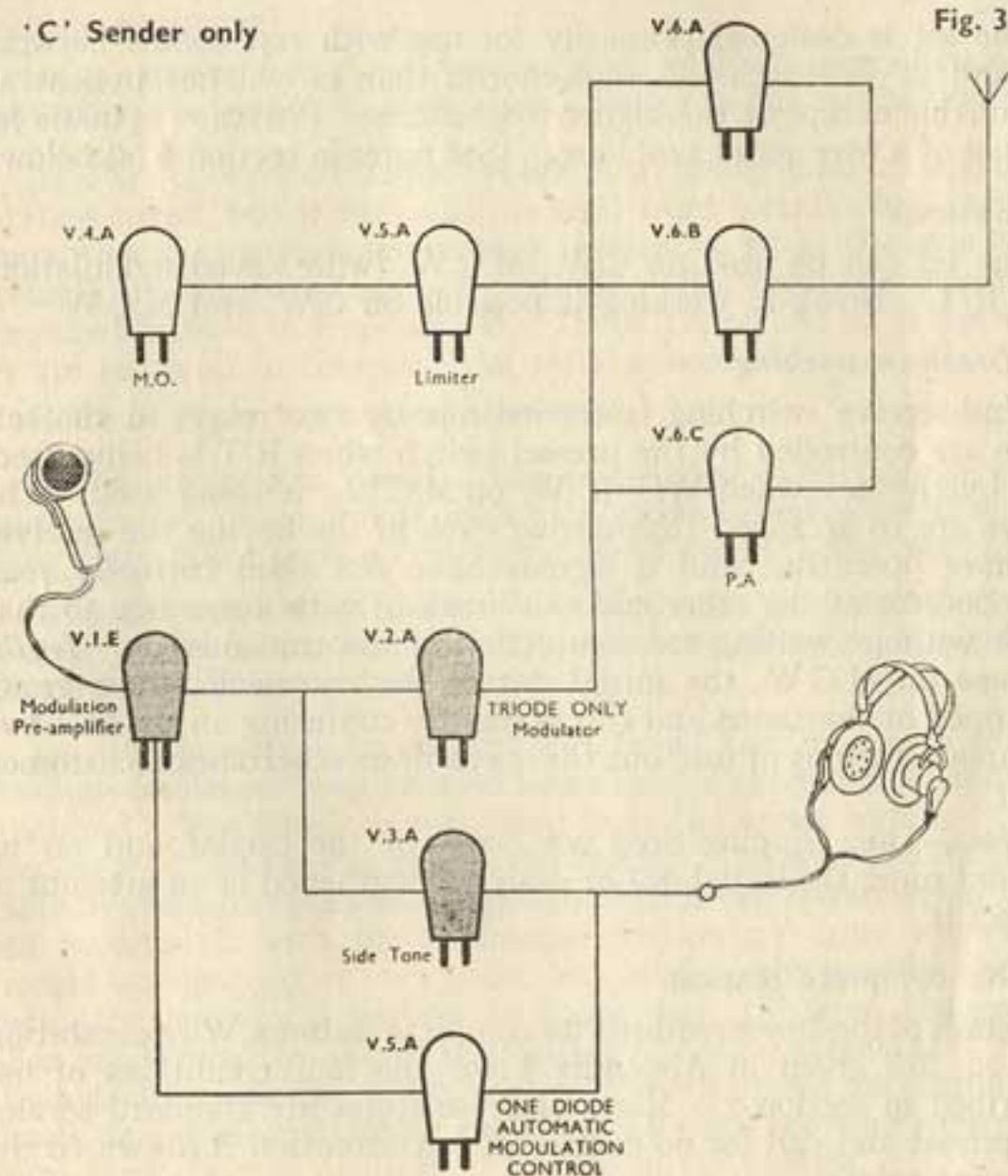
Fig. 3 B

## 'B' Receiver only



## 'C' Sender only

Fig. 3 C

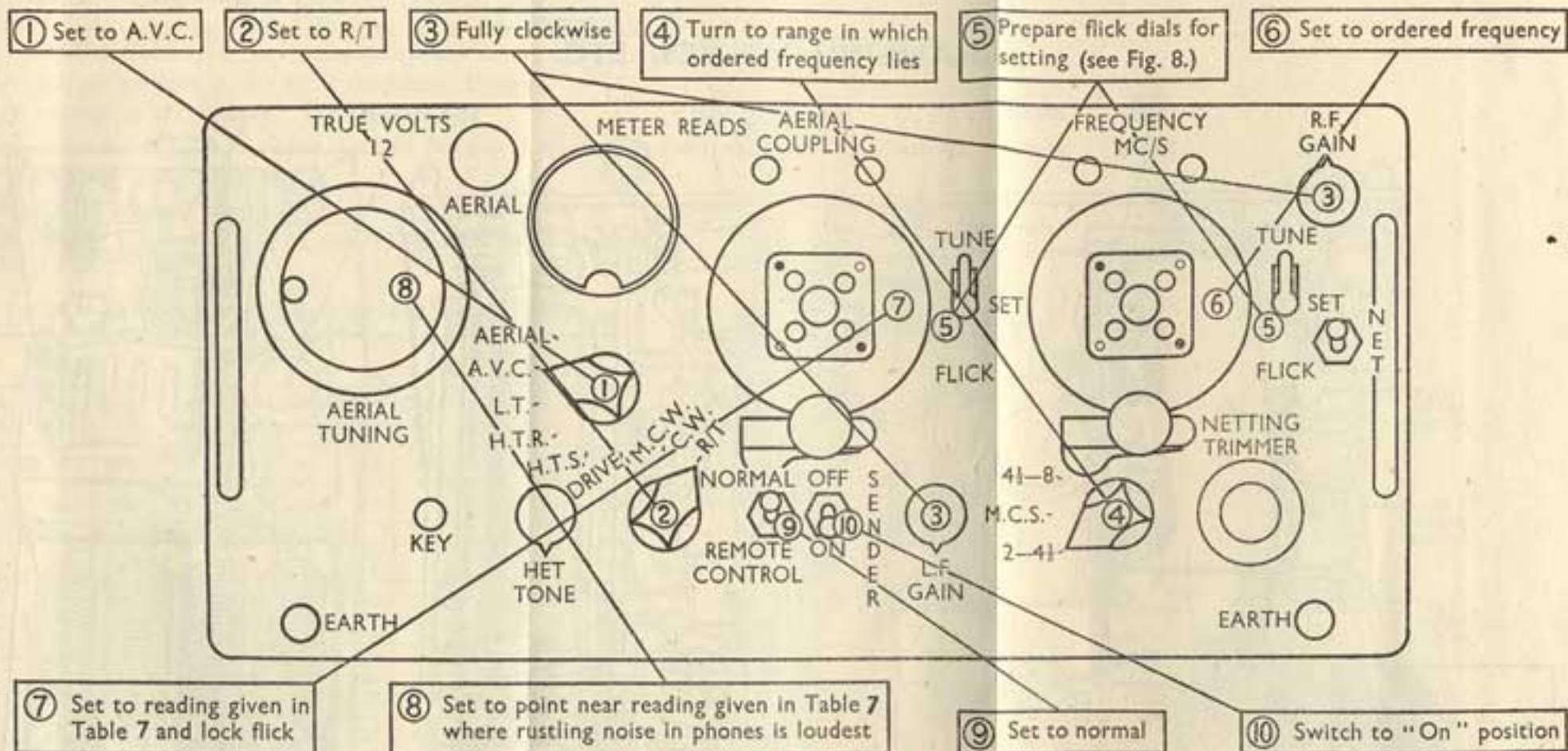


Figs. 3B &amp; 3C



# NETTING DRILL

## PREPARE SET FOR NETTING



## NETTING IN HARBOUR

USE THE NUMBERS HERE FOR NETTING BY NUMBERS WHEN TRAINING

- |   |   |  |
|---|---|--|
| ① Search boldly for Signal<br>Tune for Max. deflection on meter   | ④ Lock NETTING TRIMMER                                  | ⑧ Turn R.F. Gain to Max. and adjust AERIAL TUNING for Max. deflection on meter |
| ② Press NET. Tune NETTING TRIMMER for zero beat reducing R. F. Gain to give strength 3 signal. (see Fig. 10.) | ⑤ Turn to FLICK   | ⑨ Lock AERIAL TUNING   |
| ③ Lock FREQUENCY M.C.S. screws of correct colour  | ⑦ Check if netting is still good<br>If not do 1-6 again | ⑩ Log AERIAL TUNING Reading and NETTING TRIMMER Reading on tablet              |

Fig. 9



# CHANGING VALVES, ETC.

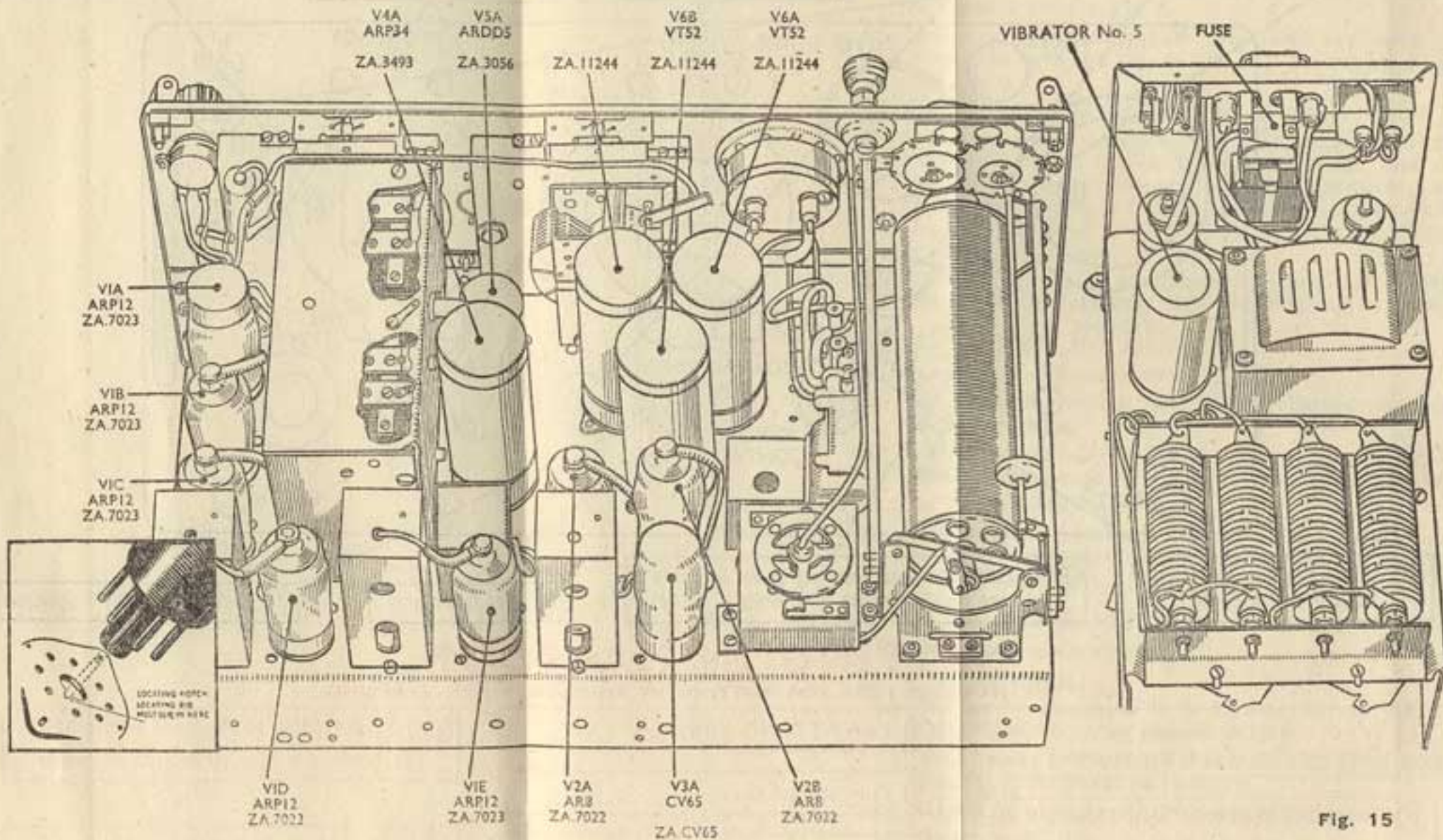


Fig. 15

TABLE 7.—SETTINGS OF AERIAL COUPLING AND TUNING.

<i>Æ</i>	12'		16'		22'		28'		34'	
<i>Frequ.</i> (Mc./s.)	<i>Coupling</i>	<i>Tuning</i>	<i>Coupling</i>	<i>Tuning</i>	<i>Coupling</i>	<i>Tuning</i>	<i>Coupling</i>	<i>Tuning</i>	<i>Coupling</i>	<i>Tuning</i>
2	45	912	34	812	30	739	28	703	28	648
2.5	41	616	24	581	22	526	20	501	20	472
3	37	463	20	436	20	391	17	378	14	361
3.5	33	367	15	351	14	317	11	306	3	302
4	23	298	9	295	5	273	2.5	258	0	244
4.5	19	254	4	242	2	224	0	200	0	198
5	12	219	0	208	0	187	0	173	0	158
5.5	6	192	0	180	0	161	0	148	0	128
6	0	168	0	156	0	141	0	124	0	110
6.5	0	145	0	136	0	121	0	105	0	091
7	0	121	0	119	0	105	0	091	0	073
7.5	0	103	0	105	0	091	0	074	0	054
8	0	075	0	094	0	070	0	061	0	0