

ADMIRALTY PATTERN S.S.152.HANDBOOK FOR
MORSE INSTRUCTIONAL UNIT AND
ASSOCIATED APPARATUS.CHAPTER 1.GENERAL.1. DETAILS.

Date of design :- 1940

Where used :- Instructional Establishments.

Purpose :- To provide instructional facilities for teaching the morse code and operational procedure.

Valves used :-

Microphone Amplifier Valve (6)	- NR59
Morse Amplifier Valve (7)	- NR59
Morse Oscillator Valve (8)	- NR52
Rectifier Valve	- NU3

Power Supply :- 230-volts, 50-cycles A.C. mains.

Capabilities :- Will supply up to 50 pairs of 60-ohm telephones, in addition to instructor's.

2. GENERAL.

The Morse Instructional Unit and associated apparatus provide facilities for the instruction of up to 50 ratings in morse code and operating procedure under conditions approximating to those prevailing in actual Service operation.

The apparatus enables the whole class to hear morse signals or speech from the instructor without removing their headphones, or the class may hear only signals made on their own keys, or on the key of another member of a "group". A group may be of any number of ratings and when group operation or individual keying is in progress, the instructor may listen to the signals being made by any individual or group and "break in" with either speech or morse to correct wrong operation.

The operation of splitting the class into groups is effected simply by breaking the "Self/Group" switches between the end positions of adjacent groups.



MORSE INSTRUCTIONAL UNIT

EXTERNAL WIRING.

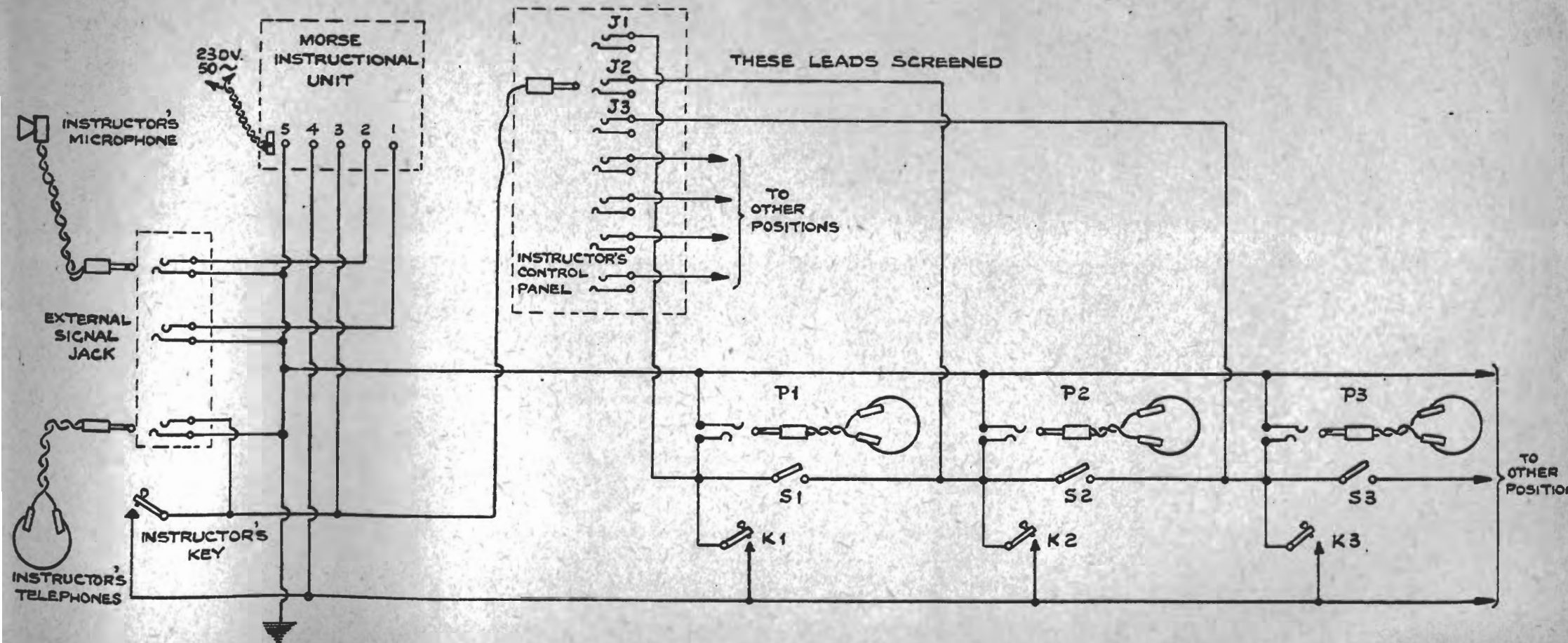


FIG. 6

MORSE INSTRUCTIONAL UNIT.

GROUP WORKING.

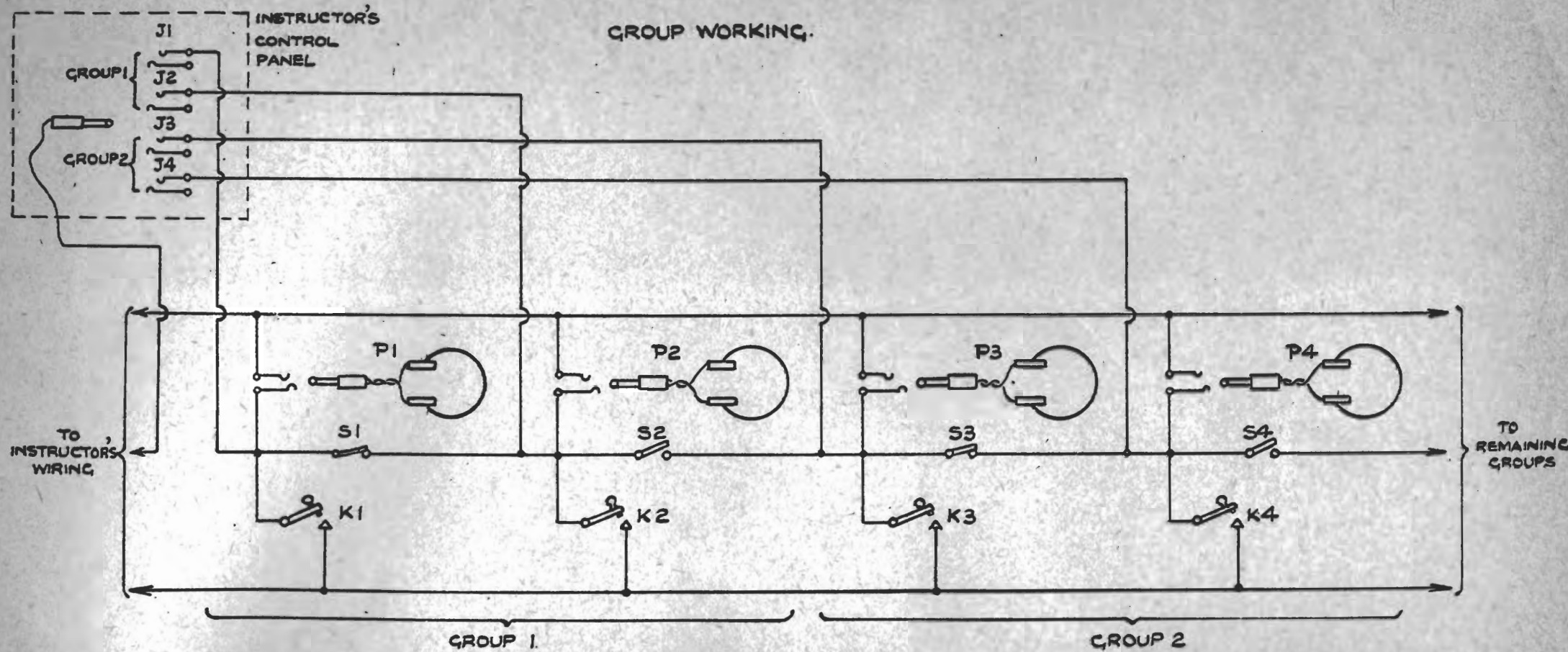


FIG. 7