Western Electric Co., Incorporated, Engineering Dept., New York. (1 Page) Page #1. Appendix 1 Issue 2 - M-431468 June 30, 1922.

METHOD OF OPERATION FRAME LINE GIRCUIT

For Talking Between Trouble Desk - And District Sender and Translator Frames - Trouble Desk - Full Mechanical Power Driven System.

Omit the phrase:- "one primary winding of the 23 induction coil" in sentence 2 of paragraph 2.

Under "Circuit Requirements" the requirements for the H44 shall be changed to read as follows:-

CIRCUIT REQUIREMENTS

THE READJUST REQUIREMENTS SHOWN BELOW ARE FOR MAINTENANCE USE ONLY

A	5 cm ann	
11000	MILL.	
OPER	24.1.1.1.8	

NON-OPERATE

tensioned to a minimum

All contacts shall be

of 15 grams.

RELEASE

H44 Readj. .043 amp. (T) Test .061 amp. Wdgs. in series aiding

ENG.--WLK-DB. 12/2/22. CHK'D .-- WCD-CWP.

APPROVED - C. L. SILYTER, G.M.L.

Western Electric Co., Incorporated, Engineering Dept., New York.

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METHOD OF OPERATION FRAME LINE CIRCUIT

For Talking Between Trouble Desk - And District Sender and Translator Frames -Trouble Desk - Full Mechanical Power Driven System.

GENERAL DESCRIPTION

1. This circuit is used for communicating between the district, sender and translator frames, and both the trouble desk and switchman's desk.

DETAILED DESCRIPTION

2. A call is made to the trouble desk by inserting the twin plug of a telephone set in a jack located at the frame. The insertion of the twin plug in the jack, closes a circuit from battery through the primary winding of the T relay, the transmitter, one primary winding of the 23 induction coil, secondary winding of the T relay to ground operating the T relay. The T relay operated closes a circuit from battery through an interrupter break contacts of the CO relay to ground through the lamps, causing them to flash, and also closes a circuit to operate the auxiliary signal. The call is answered at the trouble desk by operating the talking key which closes a circuit from ground through the vinding of the CO relay which operates. The CO relay operated, (a) locks to ground under control of the T relay, (b) opens the auxiliary signal circuit and (c) changes the lamps from flashing to steady as a busy signal.

3. At the conclusion of the conversation, the twin plug is withdrawn from the frame jack, releasing the T relay. When the key is released, the CO relay releases extinguishing the line lamps and restoring the circuit to normal.

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(2 Pages) Page #1. Issue 2 - BT-431468. Replacing all previous issues. May 17, 1922.

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CIRCUIT REQUIREMENTS

THE READJUST REQUIREMENTS SHOWN BELOW ARE FOR MAINTENANCE USE ONLY

	OPERATE	NON-OPERATE	RELEASE
E34 (CO)	Readj020 amp. Test .030 amp.		
H44 (T)	Readj043 amp. Test .061 amp.	[1] 그는 것은 것 같은 것 같은 것은 것은 것은 것은 것을 가지 않는 것 같은 것 같은 것이다. 것은 것은 것은 것은 것은 것은 것은 것은 것은 것이 것 같은 것이다. 것은 것은 것은 것은 것은	

ENG .-WLK-KX. 12/2/22. CHK D .-- WCD- CWP.

APPROVED - C. L. SIUYTER, G.M.L.

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