

COMMON SYSTEMS
10 I.P.M. INTERRUPTER
AND IMPULSE CLOCK CIRCUIT

CHANGES

D. DESCRIPTION OF CIRCUIT CHANGES

D.1 The 9th item was added to equipment
note 203.

D.2 Fig. 2 was rated A & M Only due
to the replacement of the 1A clock
by a synchronous driven clock

D.3 Lead M in Fig. 4 with connect-
ing information "To Fig. 2
or Ckts. Req. 10 IPM" formerly read
"To Fig. 2".

All other headings, no change.

BELL TELEPHONE LABORATORIES, INC.

DEPT. 3350-SRM-FS-LI

COMMON SYSTEMS
10 I.P.M. INTERRUPTER
AND IMPULSE CLOCK CIRCUIT

CHANGES

D. DESCRIPTION OF CIRCUIT CHANGES

D.1 Equipment Note 203 is changed
to provide a connection to the
clock furnished on the Transverter
Trouble Indicator frame in Crossbar
Office No. 1.

All other headings, no change.

BELL TELEPHONE LABORATORIES, INC.

DEPT. 3330- MCK-FJS-RN

CIRCUIT DESCRIPTION
SYSTEMS DEVELOPMENT DEPARTMENT

CD-96343-01
Issue 2-D
Appendix 1-D
Dwg. Iss. 4-D

COMMON SYSTEMS
10 I.P.M. INTERRUPTER
AND IMPULSE CLOCK CIRCUIT

CHANGES

D. DESCRIPTION OF CIRCUIT CHANGES

- D.1 Cross-connection Fig. 53 was added on Issue 4-D.
- D.2 Equipment Notes 202 and 203 were added on Issue 4-D.

All other headings, No change.

BELL TELEPHONE LABORATORIES, INC.

DEPT. 3350-HGWB-RSW

COMMON SYSTEMS
10 I.P.M. INTERRUPTER
AND IMPULSE CLOCK CIRCUIT

CHANGES

D. DESCRIPTION OF CIRCUIT CHANGES

- D.1 Figure 4 was added on Issue 3-D. This figure provides for resetting of the position impulse clocks without affecting other apparatus connected to the same interrupter.
- D.2 Figure 1 was rated Mfr. Disc. on Issue 3-D
- D.3 Circuit Note 105 was added and circuit note 101 was revised to include fusing for Figure 4 on Issue 3-D.

All other headings under "Changes", No change.

1. PURPOSE OF CIRCUIT

This circuit provides a 6 second cycle, 1/2 second closure, for control of impulse position clocks and other miscellaneous circuits.

2. WORKING LIMITS

- 2.1 None.

3. FUNCTIONS

- 3.1 To provide an interrupter circuit for control of position impulse clocks.
- 3.2 To provide a means of resetting the impulse type position clocks by means of the "RS" key.
- 3.3 To provide an interrupter for control of miscellaneous circuits requiring either 24, 38 or 48 volt battery.

4. CONNECTING CIRCUITS

- 4.1 10 I.P.M. interrupter (power systems).
- 4.2 Miscellaneous circuits such as group register circuit, holding time recorder, etc.

DESCRIPTION OF OPERATION

5. The associated power circuit is equipped with an interrupted contact closing on a 6 second cycle for approximately 1/2 second. 24 volts per "Z" wiring is required for position clocks and other miscellaneous circuits. 38 or 48 volts is provided per "X" or "Y" wiring depending upon the requirements of the associated circuit. Each time the interrupter closes the clocks and associated circuits receive a pulse closure of approximately 1/2 second. The RS key is furnished to provide a means of resetting the clocks.

BELL TELEPHONE LABORATORIES, INC.

DEPT. 3350

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