

TIME OF DAY  
ALARM ROUTINE  
NO. 5 CROSSBAR OFFICES

1. GENERAL

1.01 This section covers the procedure to be followed in response to the time of day circuit alarm in No. 5 crossbar offices.

1.02 The time of day circuit provides day, hour and minute information for the trouble recorder for perforation on the trouble record cards. The circuit consists of selectors that are advanced in sequence by means of the clock circuit or the 10 IPM interrupter and impulse circuit. These pulses operate the P (pulse) relay in the time of day circuit which in turn advances the selectors.

1.03 Whenever the trouble recorder makes a record, the selectors in the time of day circuit are prevented from advancing until the recording is completed.

1.04 If the P or P1 relay in the time of day circuit is operated or released for an interval of approximately 12 seconds a minor alarm sounds and the TDA (time of day alarm) lamp lights on the trouble recorder panel of the master test frame and the white aisle pilot lamps light.

1.05 The minor alarm is silenced, the aisle pilot lamps and the TDA lamp is extinguished by the momentary operation of the TDAR (time of day alarm release) key at the trouble recorder panel of the master test frame.

2. METHOD

2.01 If in response to a minor alarm a lighted TDA lamp is found at the trouble recorder panel of the master test frame, momentarily operate the TDAR key to

retire the alarm and extinguish the TDA lamp and the aisle pilot lamps.

2.02 If the alarm does not recur the trouble was possibly due to a failure in the clock circuit which resulted in the P relay being operated or released for approximately 12 seconds.

2.03 Check the setting of the time of day circuit in accordance with Section 218-219-501 as covered under the "Visual Check of the Time Setting" test. If necessary reset the selectors of the time of day circuit in accordance with "Setting the Time of Day Circuit" test in the same Section.

2.04 If after operating the TDAR key the alarm recurs, it may indicate that the P or P1 relay is not following the pulses, or that the timing feature is not functioning properly. The trouble may be in the M lead to the clock circuit, the TML lead to the trouble recorder control circuit or in the timing feature.

2.05 Take the time of day circuit out of service by insulating the 5B contact of the STR and STRA relays in the trouble recorder control circuit. This prevents time indications being perforated on the trouble record cards.

2.06 After the trouble has been cleared, check and reset the selectors as outlined in 2.03.

2.07 At the trouble recorder control circuit, remove the insulators from the STR and STRA relays.

3. REPORTS

3.01 The required record of these alarms should be entered on the proper form.

