

### STATION DIAL - 53A

## IDENTIFICATION, INSTALLATION, OPERATION, CONNECTIONS, AND MAINTENANCE

### 1. GENERAL

1.001 This addendum supplements Section 501-165-110, Issue 3.

1.002 This addendum is issued to:

- Change ordering information from 419A polarity guard to 419A diode (polarity guard).
- Reference Section 501-166-100 for additional information on 1A350 tone detector.

### 1. GENERAL

The following change applies to Part 1 of this section:

(a) 1.03 - revised

1.03 It can be used with most standard telephone sets. In the restricted mode the dialing function can be started by a momentary contact closure provided by a non-locking button or key (call button) or by installing a 1A350 tone detector, ordered separately, which will start the dial automatically when precise dial tone is present. For additional information on the 1A350 Tone Detector, refer to Section 501-166-100. If dialing

is not started by the call button or tone detector within 8 to 15 seconds, an internal timer will initiate dialing. In the unrestricted mode a momentary contact closure is required to start the dial.

### 2. IDENTIFICATION

The following change applies to Part 2 of this section:

(a) 2.04 - revised

#### 2.04 *Optional Apparatus or Equipment (ordered separately):*

- Detector, Tone, 1A350
- Diode, 419A (Polarity Guard)
- Ringer, E or F Type (Required when dials are multiplied)

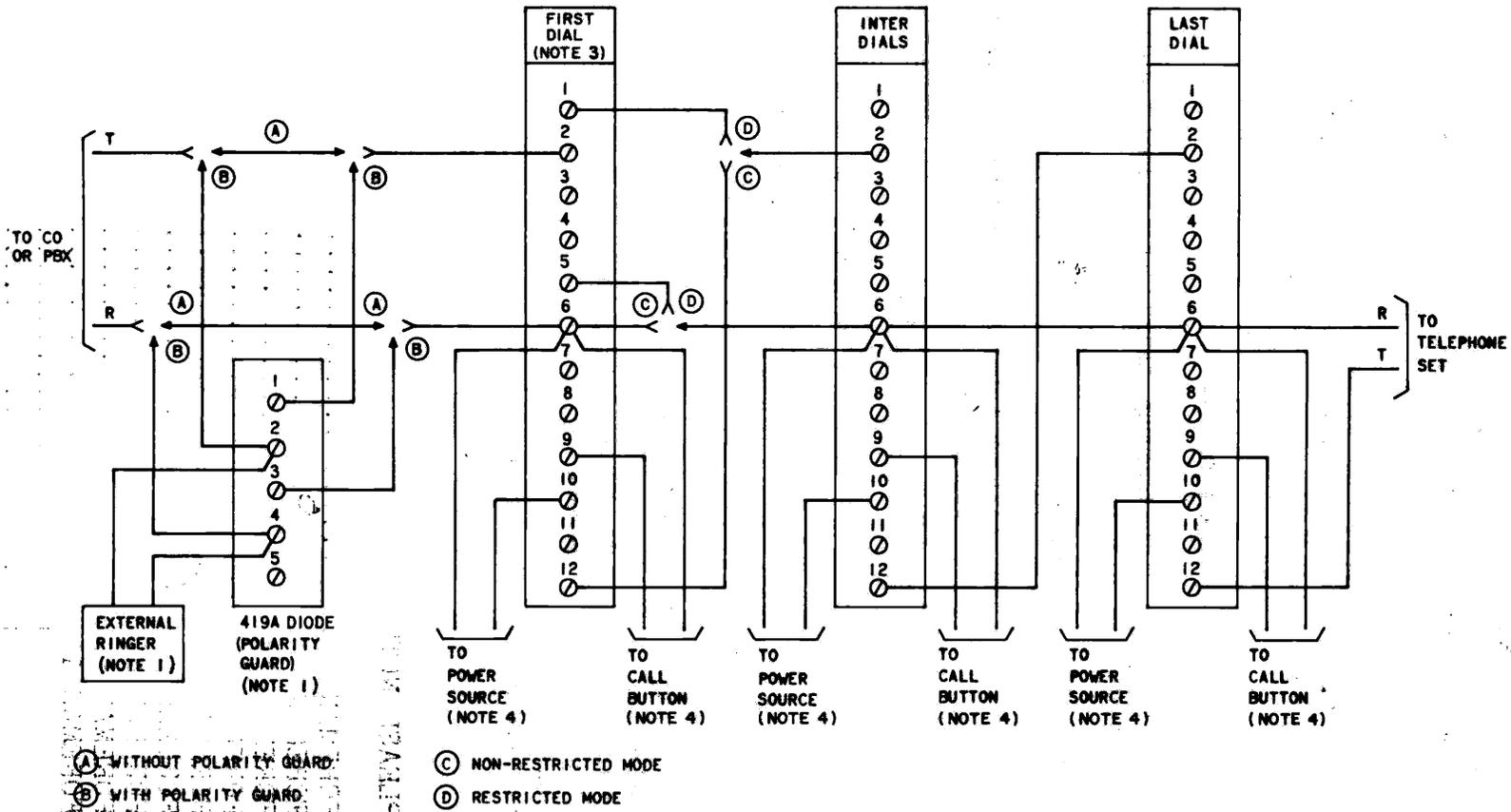
### 5. CONNECTIONS

The following change applies to Part 5 of this section:

(a) Fig. 10 - revised

### PLEASE NOTE:

FOREMAN 02.....  
 FOREMAN 03.....  
 FOREMAN 04.....  
 FOREMAN 05.....  
 FOREMAN 06.....  
 FOREMAN 07.....  
 FOREMAN 08.....  
 FOREMAN 09.....  
 FOREMAN 10.....  
 FILE.....  
 DESTROY.....



NOTES:

1. FOR END-TO-END SIGNALING APPLICATIONS, INSTALL A 419A DIODE (ORDERED SEPARATELY) OPTION B, MAKE CONNECTIONS USING INSIDE WIRE. IF INCOMING CALLS ARE TO BE RECEIVED CONNECT RINGER ACROSS THE LINE AHEAD OF THE POLARITY GUARD.
2. FOR UNRESTRICTED DIALING, OPTION C, CONNECT THE DIALS AS SHOWN IN TABLE C. 43A AND 53A DIALS MAY BE MIXED AT RANDOM (NOTE 4)
3. FOR RESTRICTED DIALING, OPTION D, MAY BE USED WITH THE FOLLOWING RESTRICTIONS:
  - A. ONLY THE FIRST DIAL IN THE SERIES MAY BE OPERATED IN THE RESTRICTED MODE.
  - B. THE FIRST DIAL MAY BE 43A OR 53A DIAL, ALL OTHER DIALS MUST BE 53A.

- C. THE NUMBER PROGRAMMED ON THE FIRST DIAL MUST ALWAYS BE THE FIRST NUMBER TO BE DIALED AFTER GOING OFF HOOK.
- D. INCOMING CALLS MAY NOT BE RECEIVED, PARA. 4.02.
- E. THE 1A350 TONE DETECTOR MAY BE USED IN THE FIRST DIAL INSTEAD OF A CALL BUTTON.
4. CALL BUTTON AND POWER SOURCE CONNECTIONS ARE FOR 53A DIAL ONLY. REFER TO SECTION 501-165-101 FOR 43A DIAL CONNECTIONS.

Fig. 10—Multiple 53A Dial, Connections