

## 6A KEY TELEPHONE SYSTEM

### HOLDING ARRANGEMENT FOR 6A STATIONS

#### USING 1A OR 1A1 LINE AND SIGNALING CIRCUITS

#### 1.00 INTRODUCTION

1.01 This section covers the description and connections necessary to provide a holding arrangement for 6A system stations on single- or 2-talking link arrangements.

1.02 This circuit would be used primarily to permit outward add-on conferencing.

#### 2.00 GENERAL

2.01 The holding bridge provided for by this arrangement will enable a 6A station to get back into a link without the necessity of initiating another call on the 6A system.

2.02 When this circuit is used for outward add-on conferencing, proceed as follows:

1. Put 6A call on hold.
2. Dial desired number on central office or PBX line to be conferenced.
3. After call is established, place central office or PBX line on hold.

4. Reoperate the pickup key associated with the 6A system (this will break the hold condition on the 6A system).



*Failure to break the hold condition on the 6A system would keep the link and the central office or PBX line in a locked condition even though the call was completed.*

5. Operate the add-on conferencing key associated with the held central office or PBX line. (This will break the hold condition on the central office or PBX line and connect it to the 6A system.)
6. Conversation can now take place, and the control station can drop off the link at any time.

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# SECTION 518-410-403

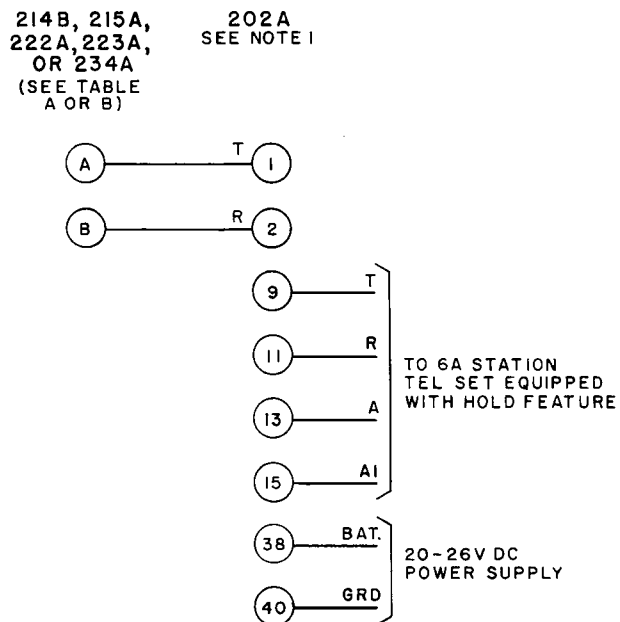
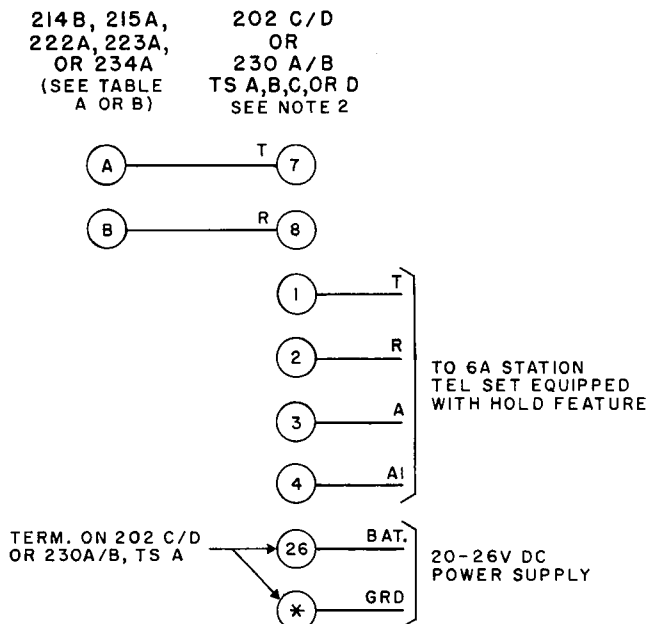


Fig. 1 — Connections Using 202A KTU



\* TERM. 14 ON 202D OR 230B  
TERM. 27 ON 202C OR 230A

Fig. 3 — Connections Using 202C/D  
or 230A/B KTU

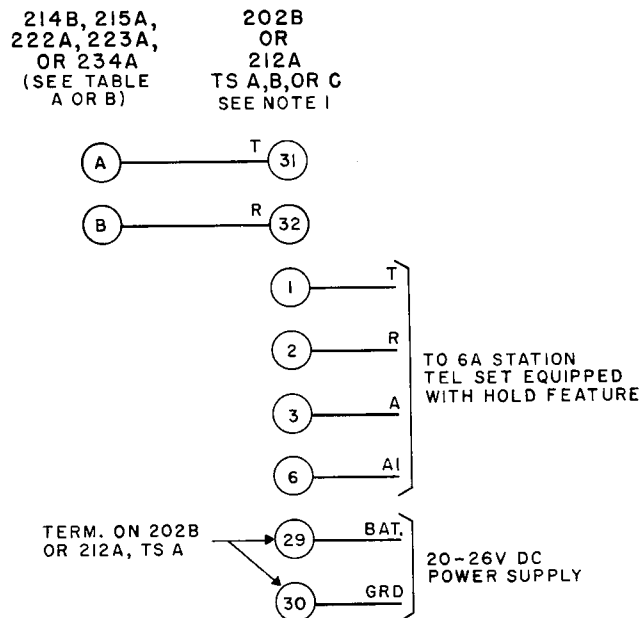


Fig. 2 — Connections Using 202B or 212A KTU

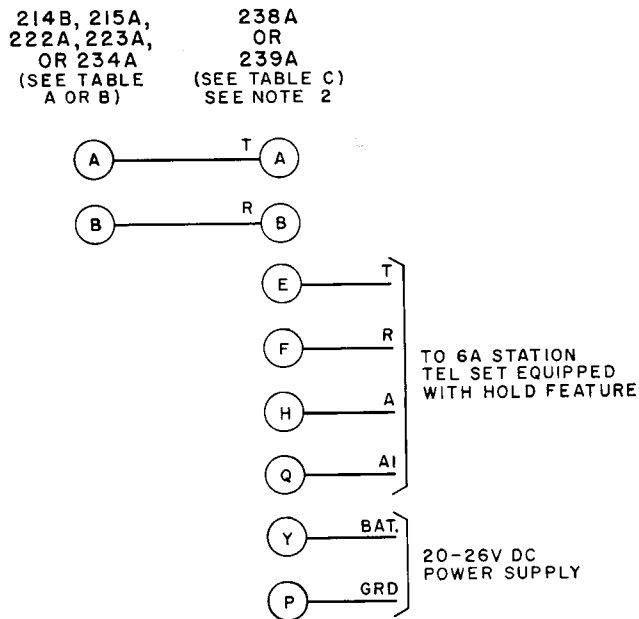
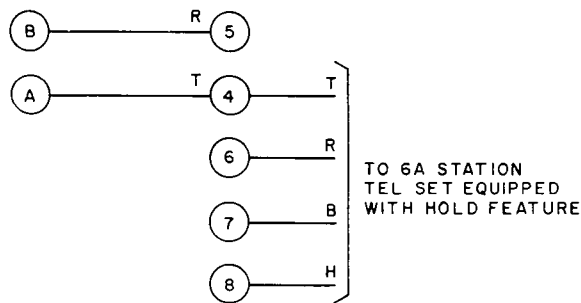


Fig. 4 — Connections Using 238A or 239A KTU

214B, 215A,  
222A, 223A,  
OR 234A  
(SEE TABLE  
A OR B)

1A  
OR  
1B



**Note 1:** Remove strap if provided, as follows:

On 202A, terminal 39 and 40

On 202B or 212A, terminal 26 and 36

**Note 2:** Remove strap between 7 and 17 of line circuit used.

**Fig. 5 – Connections Using 1A or 1B KTU**

**TABLE A**

| Ref<br>Desig | 214B, 222A, OR 234A |          |          |          |          |          |          |          |          |
|--------------|---------------------|----------|----------|----------|----------|----------|----------|----------|----------|
|              | 223A                |          |          |          |          |          |          |          |          |
|              | Ckt<br>1            | Ckt<br>2 | Ckt<br>3 | Ckt<br>4 | Ckt<br>5 | Ckt<br>6 | Ckt<br>7 | Ckt<br>8 | Ckt<br>9 |
| A            | 1A                  | 11A      | 21A      | 31A      | 1B       | 11B      | 21B      | 31B      | 1C       |
| B            | 2A                  | 12A      | 22A      | 32A      | 2B       | 12B      | 22B      | 32B      | 2C       |

**TABLE B**

| Ref<br>Desig | 215A     |          |          |
|--------------|----------|----------|----------|
|              | Ckt<br>1 | Ckt<br>2 | Ckt<br>3 |
| A            | 1        | 11       | 21       |
| B            | 2        | 12       | 22       |

**TABLE C**

| Ref<br>Desig | 239A     |          |          |          |          |          |          |          |          |           |           |
|--------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|-----------|
|              | 238A     |          |          |          |          |          |          |          |          |           |           |
|              | Ckt<br>1 | Ckt<br>2 | Ckt<br>3 | Ckt<br>4 | Ckt<br>5 | Ckt<br>6 | Ckt<br>7 | Ckt<br>8 | Ckt<br>9 | Ckt<br>10 | Ckt<br>11 |
| A            | 7A       | 27A      | 7B       | 27B      | 7C       | 27C      | 7D       | 27D      | 7E       | 27E       | 7F        |
| B            | 8A       | 28A      | 8B       | 28B      | 8C       | 28C      | 8D       | 28D      | 8E       | 28E       | 8F        |
| E            | 1A       | 21A      | 1B       | 21B      | 1C       | 21C      | 1D       | 21D      | 1E       | 21E       | 1F        |
| F            | 2A       | 22A      | 2B       | 22B      | 2C       | 22C      | 2D       | 22D      | 2E       | 22E       | 2F        |
| H            | 3A       | 23A      | 3B       | 23B      | 3C       | 23C      | 3D       | 23D      | 3E       | 23E       | 3F        |
| Q            | 4A       | 24A      | 4B       | 24B      | 4C       | 24C      | 4D       | 24D      | 4E       | 24E       | 4F        |
| P            | 9A       |          | 9B       |          | 9C       |          | 9D       |          | 9E       |           | 9F        |
| Y            | 10A      |          | 10B      |          | 10C      |          | 10D      |          | 10E      |           | 10F       |