



CONSTRUCTION AND
MAINTENANCE PRACTICES
OUTSIDE PLANT

SECTION 30
PART 4

CONFERENCE EQUIPMENT FOR USE
WITH 33A6 PABX -

DESCRIPTION AND USE

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4.1 GENERAL: This part covers the description and use of the equipment used to provide conference service to stations connected to a 33A6 PABX system. The installation and maintenance of this equipment is covered in Part 5.

4.1-a Transmission will generally be satisfactory, however, the subscriber should be advised that the transmission qualities of such an arrangement may not be as good as his regular service.

4.2 LIST OF EQUIPMENT. The following items of equipment are required in the amounts shown to establish a conference call arrangement with 33A6 PABX stations.

- 1 #161-A Backboard (or equivalent) to mount apparatus box
- 1 Spec. T. Apparatus box (or equivalent)

- 1 per station - Automatic Electric AY11 Key
(or equivalent)**
- 1 2A Key Telephone Unit**
- 2 27A Key Telephone Units**
- 1 23A Key Telephone Unit (This unit used to
filter PABX battery supply if there is
excessive noise)**

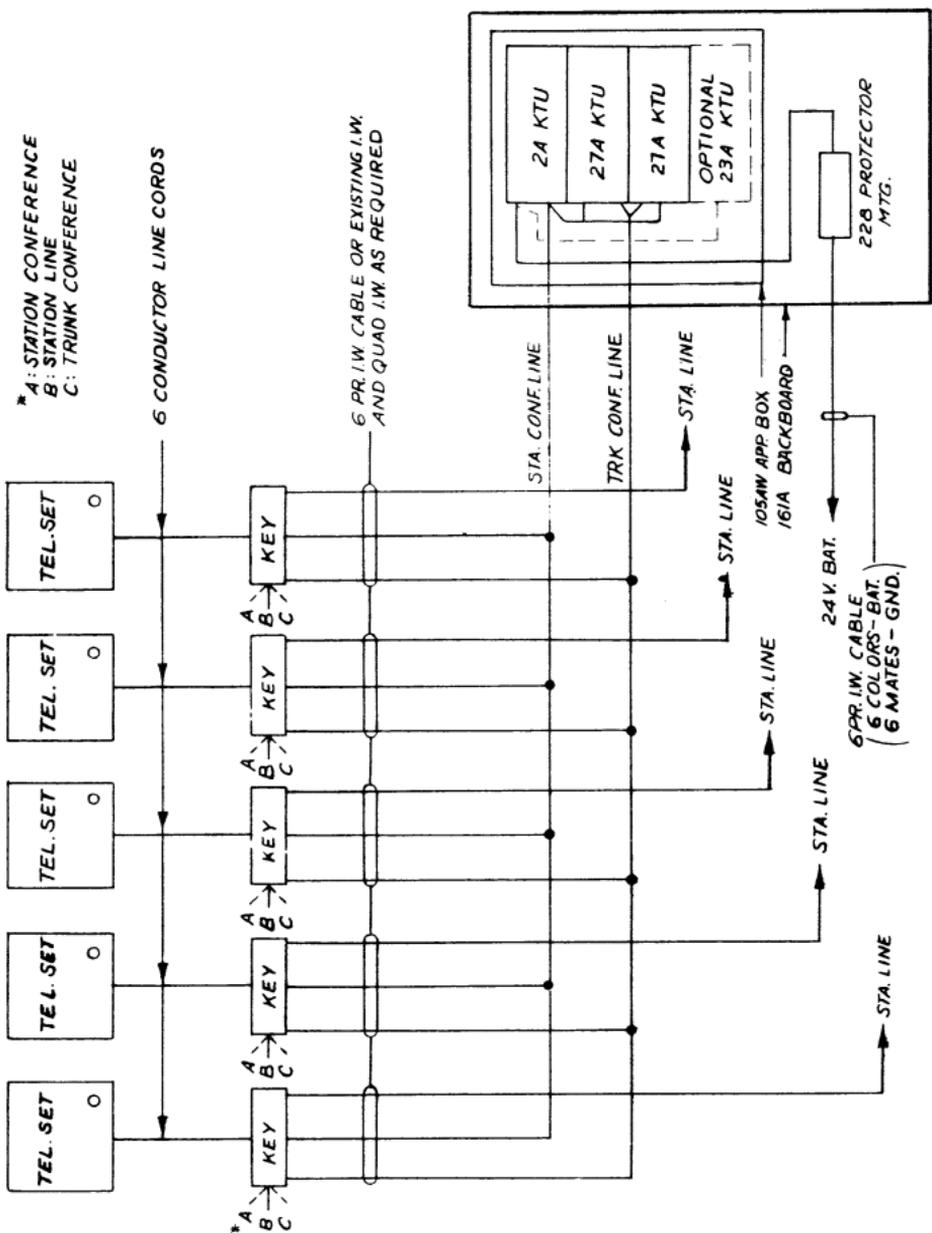


Fig. 1

4. 2-a The power used is 24 volts D. C. which is supplied from 33A6 PABX systems.

4. 3 LIMITATIONS: Any number of stations served from the PABX system may be equipped for conference service, however, the number of stations which can be connected at one time is as follows:

Trunk Conference - 4 stations

Station Conference - 5 stations

4. 3-a Stations served from a 33A6 PABX system are generally located within 300 feet of the equipment location. Where a request for conference service is received for a station located further than 300 feet from the equipment, such request shall be referred to the Office of the Chief Engineer.

4. 4 USE: A conference-call system as described above is operated by the 3-position key which is located at each station having access to the conference circuit.

4. 4-a The method of operation is as follows:

For station to stations conference the originating party calls the other parties desired to participate and requests them to operate their keys to the station conference position. The originating party's key is then also operated to the station conference position. All stations may now confer.

4. 4-b For trunk conference the originating party operates the transfer key which will hold the trunk call and provide dial tone to call the first of the other desired parties and request them to operate their conference keys to the station position. He then operates his conference key to the trunk position and upon operating the transfer key will be reconnected to the trunk call. All parties may now confer.

4. 4-c Upon completion of the call, all keys shall be restored to the station position.