METHOD OF TAKING EQUIPMENT AND CIRCUITS OUT OF SERVICE
701A PBX

1. GENERAL

1.01 This section describes the method of taking equipment and circuits out of service at a No. 701-A P B X, when it is necessary to do so on account of trouble or to remove certain equipment for replacement.

1.02 This section is reissued to cover a method of removing a combination central office trunk and a direct dial central office trunk from service at the central office end and replaces Provisional Standard Issue 1.

1.03 All equipment which has been made busy should be restored to service as soon as possible.

2. APPARATUS

2.01 No. 258-A Plugs, No. 375-A Tools, No. 136-B Tools or Hardwood Toothpicks, as required.

3. METHOD

Line Finders

3.01 When it is found necessary to take a line finder out of service, note that the switch is normal. Then insert a No. 258-A plug into the test jack of the line finder or a No. 375-A tool between the lower springs of the test jack of the associated selector or selector-connector switch.

3.02 If the switch is removed from the frame, note that jack springs Nos. 14 and 16 make contact when the switch has been removed.

Selectors, Selector-Connectors and Connectors

3.03 To remove a selector, selector-connector or a connector switch from service, observe that the switch is normal. The associated line finder of a selector or selector-connector to be removed from service should also be normal. Then insert a No. 375-A tool between the lower springs of the switch test jack.

3.04 If the switch is removed from the frame, note that jack springs No. 9 and No. 11 make contact when the switch has been removed.

Trunks or Tie Lines

3.05 **Attendant Central Office Trunk:** To remove a central office trunk from service, call the central office and have the trunk made busy or removed from service at that end. On multiple boards also make the trunk busy by blocking the SL relay of the trunk circuit in an operated position. On non-multiple boards request the P B X attendant to leave a cord in the trunk jack.

3.06 **Combination Central Office Trunk:** To remove a combination trunk from service, call the central office and have it made busy or removed from service at that end. Also make the trunk busy on the selector level of the selector or selector-connector and at the switchboard, by blocking the B relay of the trunk circuit in an operated position. When it is desired to remove a combination central office trunk from service at the central office end, a plugging up circuit should be inserted in the trunk at the central office end. This will operate the H relay in the P B X trunk which will make the trunk busy. In order to restore a trunk to service which has been made busy in the above manner, it will be necessary to remove the plugging up circuit at the central office.

3.07 **Direct Dial Central Office Trunk:** When a central office trunk working from a level of a selector or selector-connector is to be removed from service, make the trunk busy by blocking the SL relay of the trunk circuit in an operated position. When it is desired to remove a direct dial central office trunk from service at the central office end, a plugging up circuit should be inserted in the trunk at the central office end. This will operate the H relay in the P B X trunk which will make the trunk busy. In order to restore a trunk to service which has been made busy in the above manner, it will be necessary to remove the plugging up circuit at the central office.

3.08 **Attendant Trunk:** When a trunk working from a level of a selector or selector-connector to the attendant is to be removed from service, block the CH relay of the trunk circuit in an operated position.

3.09 **Intercepting Trunk from Selector Levels:** When an intercepting trunk working from vacant selector levels is to be removed from service, block the R relay in an operated position.

3.10 **Intercepting Trunk from Connector Terminals:** When an intercepting trunk circuit working from connector terminals is to be removed from service, block the L relay in an operated position.

3.11 **Manual Tie Line:** To remove a manual tie line circuit from service, call the P B X attendant at the distant end and have the trunk made busy. (Multiple P B X) Also make the tie line busy by blocking the CO relay in an operated position. Remove the No. 136-B tool and advise an attendant at each P B X when the tie line is available for service. (Non-multiple P B X) Request the attendant to leave a cord in the tie line jack. Advise the attendant at each P B X when the tie line is available for service.

3.12 **One Way Repeating—One Way Dial—One Way Manual, One Way Dial—Two Way Manual or Two Way Dial—Two Way Manual Tie Line:** To remove any one of these tie line circuits from service, call the P B X attendant at the distant end and have the trunk made busy. Also make the tie line busy by blocking the S1 relay (One Way Dial—Two Way Manual or Two Way Dial—Two Way Manual) or the 0 relay (One Way Repeating—One Way Dial—One Way Manual) in an operated position. Remove the blocking tool and advise the attendant at each end when the tie line is available for service.

Note: When the distant P B X is of the 740 type, it will be necessary to advise the attendant of that P B X how to make the tie line busy in the following manner: Request the attendant to operate the lever type key of the tie line to its TLK position and also operate the EXT DIAL key and then dial an unassigned connector terminal. Then have the attendant restore these keys to normal. This will make the tie line busy at the 740 type P B X until the tie line is released at the No. 701-A P B X.

3.13 **Two Way Repeating Tie Line:** To remove a two way repeating tie line from service, call the P B X attendant at the distant end and have the trunk made busy. Also make the tie line busy by blocking the A relay in an operated position. When the tie line is available for service, advise the attendant at each end and remove the blocking tool.

Note: When the distant P B X is of the 710 or 711 type, it will be necessary to get in touch with someone at that P B X to have the H2 relay of the tie line blocked in an operated position. When the tie line is available for service have the blocking tool removed at the distant end, remove the blocking tool and advise the attendant.

4. REPORTS

4.01 The required record of the equipment taken out of service should be entered on the proper form.