

CUSTOMER PREMISE CHANGE NOTICE (CPCN)

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1. GENERAL
    - 1.1 Scope of Section
      - 1.11 This section explains the reason for issuance of, information contained in, and format of the "Customer Premise Change Notice" (CPCN).
    2. PURPOSE OF CPCN'S
      - 2.1 Purpose

The CPCN is a vehicle intended to expedite notification to the Operating Company of Class A, AR, and AC changes and provide engineering and installation detailed information, as required, on all customer premise equipment. The term "Customer Premise Equipment" is defined, herein, as all PBX type product and other product installed on a customer premise (not Central Office), for which Western Electric, normally, does not maintain wiring list records.
    3. APPLICATION
      - 3.1 A CPCN will be issued for all Class A, AC, and AR changes, except a WECO originated Class "A" type change, which does not affect manufactured produce and/or records. A CPCN will also be issued for all BTL originated Class A, AC, and AR changes whether or not manufactured produce and/or records are involved.
      - 3.2 The issuance of the CPCN will occur as soon as possible, but no later than the issuance of the SD to the Field for all BTL "A" type changes. If the CPCN cannot be completely formulated in time, it will be issued with, at least, what preliminary action is to be taken or the WECO status of the change. The additional information will appear on a subsequent supplement to that CPCN, when the complete information is available.
      - 3.3 The CPCN may be used to indicate more than one change: however, all changes included in a CPCN will be of the same change classification.
  4. INSTALLATION ENGINEERING INFORMATION
    - 4.1 Installation Engineering ECP's (Engineering Change Procedures) will be included as an attachment to the CPCN. If an ECP is not ready at the time of issuance of the CPCN, or if any other document is issued, or referred to, by Installation Engineering for the change, this information will be identified by number, issue number and availability date.
    - 4.2 If the CPCN package is sufficient, as prepared by the Standards engineer, for Installation purposes, the CPCN will so state in the "General" section of the cover-letter.
  5. CPCN NUMBERING SCHEME
    - 5.1 Basic CPCN Numbering

Prefix - CPCN  
Number - Each PECC starts with number 1 and assign consecutive numbers, thereafter.  
Suffix - Standards Engineering control location characters (CB - CG - NK - MV).  
Example: CPCN 1 CG
    - 5.2 Supplementary CPCN Numbering

Basic CPCN number plus "SUPP." and consecutive numbering starting with 1.  
Example: CPCN 1 CG, SUPP. 1
  6. CPCN FORMAT
    - 6.1 The CPCN format consists of two main sections:
      - (a) Information (in letter format).
      - (b) Attachments, consisting of:
        - (1) Change Supplement(s).
        - (2) BTL Design Information (BTL LDI where schematic drawing is not available).
        - (3) Other Documents (Installation Engineering Documents, Advanced BSP information).

## 6.2 Information Section

6.21 This section provides information for identification and implementation of the CPCN.

6.22 The first page of each CPCN contains information required to identify the CPCN, for example:

- (a) The system, code, and class of change in the upper left corner:

Example: PBX Systems - 757A PBX - Class AC change.

(b) The date of issue in the upper right corner and directly beneath it, the CPCN number and suffix.

6.23 A Roman numeral is used to identify each Laboratory's or WECO "A" type change. The schematic changes (when more than one is included in a CPCN) coincide with the change classification listed on top of the first page. Schematic changes may follow a random order in the CPCN; however, the Roman numeral sequence will be consecutive.

6.24 The schematic number, issue and title is listed next to the assigned Roman numeral, even for WECO originated changes where only the (SD) latest issue may be shown. This information is the "Header" information for each schematic change. Also, included in parenthesis, is a reference to the associated equipment code.

Example: II. SD66735-01 Issue 16AC Station Dial Transfer Trunk Circuit (J58838DK-1)

6.25 Listed beneath the "Header" information is the "General Information." This information is listed in, and identified by a paragraph designated "A". This information, although general in nature, should indicate the conditions associated with the change. Under this heading will be listed such information as:

6.251 The advisability of an on-premise modification.

6.252 When service is affected, and the approximate amount of time required to make the change.

Example: Major - more than a day to implement.  
Minor - less than a day to implement.

6.253 Installation information other than specific availability data which is indicated under "Summary."

6.254 When changes should be coordinated with other circuit changes or when they can be implemented independent of other circuit changes.

6.255 Disposition of Expense.

6.26 Paragraph 6.252 lists a "Description of Change." The information listed in this paragraph will identify the equipment code, the associated list or group, the sheet number of the schematic circuit (SD), and the schematic circuit's (SD) change coordinate location. The description of change will be as complete and concise as possible with specific listing of material quantity (additions and removal), pertinent material ordering information, as well as component functional designations, and action to be taken to make the change, comments, or resultant action of the change (no EFG 114 will be issued). The source information for new products (apparatus, equipment, etc.), only, will be listed. The availability dates of all products (apparatus, equipment, etc.), required for the change, will be specified.

6.27 A "Summary" paragraph will be included for as many changes as are combined under the items listed below. Even if any of the items don't apply, these items' descriptions (service affecting, etc.) will be stated with not applicable, none, see general, etc., opposite them.

6.271 The "Summary" will consist of the following information:

1. Service Affecting (yes or no)
2. Coordination required with other changes (yes or no)
3. Disposition of Expense see Attachment
4. Expense Authorization (CPCN \_ \_ \_ \_)
5. Material required for this change (yes or no):
6. Material availability see Description of Change (Telco, Installation, Distributing House, etc.)
7. Change to be made by (date )
8. Changed product will be available from factory
9. Change to be applied to (jobs, as required)
10. Installation Information (Documents prepared by Installation Engineering) (Document) (Date)
11. Repair Information (Documents prepared by Repair Engineering) (Document) (Date)
12. Change originated by (BTL or WECO)

6.272 To complete the CPCN "Information Section," a listing of all related changed drawings and issues will be provided. This listing will specify both the BTL drawings (SD and LDI) and the WECO drawings (J, ED, H and T).

## 7. CHANGE SUPPLEMENTS

7.1 Copies of the Change Supplements (EFG-369) which are originated by the WECO Standards engineer for equipment

changes on Customer Premise Equipment for J, ED, H and T drawings will be included in the CPCN package. All Change Supplements will be typed or computer printed, whenever possible. When it is not possible to have the Supplements typed, or when typing would delay publication, they will be manually printed with black ink of ball point pen.

7.2 Complete equipment change information will be provided in the Change Supplement so that the change can be implemented without additional reference to other Standards' documents. The wiring diagram Supplements will be written in terms of point-to-point physical connections.

→ Arrowed lines indicate new or change information.

## 8. BELL TELEPHONE LABORATORIES' DESIGN CHANGES

8.1 Design changes originated by the BTL will also be enclosed in the CPCN package. This information is considered to be Official Advance Design Information and will comply with existing BTL procedures for the transmittal of Advance Design Information to WECo. At Installation completion all schematics and/or LDI's reflecting changes should be placed in the Drawing Binder found with the equipment and any superceded schematics and/or LDI's discarded. If no binder is found with the equipment the Telephone Company should be consulted for disposition of the documents.

Manager, Engineering Practices

ATTACHMENT  
Figures 1, 1A and 1B on Pages 4, 5, and 6.

Reason for Reissue:  
Reissued to add information on the disposition of Laboratories Design Information.

Replaces Section 40E dated 1-18-68.

PBX Systems 757A PBX Class AC Change

July 1, 1966

CPCN 4 CG

The changes detailed in this CPCN are to be applied on all 757A PBX Systems.

Prior to this change, the "camp-on-stop" operation in the marker circuit was marginal and had resulted in multiple connection of camped-on trunks or in failure to camp-on. Modifications made on Issue 13AC of SD-66733-01 and on Issue 16AC of SD-66735-01 correct these conditions.

I. SD-66735-01 Issue 16AC - No. 757A PBX Cabling Diagram  
(J58838B-1, J58838AF-1)

A. General

No material is required. This change must be coordinated with associated changes on SD-66733-01, Issue 13AC, shown in this CPCN.

B. Description of Change

Modification consists of addition of two leads in inter-connecting slide local cable between slides 3-3 and 3-2. No equipment is added.

C. Summary

(See Summary Under II below.)

II. SD-66733-01 Issue 13AC - Line, Link and Marker Circuit  
(J58838B-1, J58838AE-1,  
(J58838BA-1, J58838BC-1,  
(J58838BE-1, J58838BK-1)

A. General

These modifications will result in a loss of service while the changes are being made. It is suggested that the changes be made during periods of light traffic or no traffic.

Changes must be coordinated with those shown on SD-66734-01, Issue 16AC, which is included in this CPCN.

FIGURE 1

Disposition of WECO Expense is included in an attachment to this CPCN.

B. Description of Change

1. J58838BA-1

<u>List</u>	<u>Quantity</u>	<u>Description</u>	<u>Comment or Action</u>
B	1	AK7 Relay (VTRA)	SD Sheet B48, Location 67 Material Available 9-1-66 (Hawthorne)
B	Remove 1	AK13 Relay	SD Sheet B48, Location G7

2. J58838BC-1

B	1	316AA Relay (COS)	SD Sheet B41, Location A1 Material Available 9-15-66 (Kearny)
B	Remove 1	B98 Relay	SD Sheet B41, Location A1
B	1	18GN Resistor (COSB)	SD Sheet B41, Location A1 Material Available
B	Remove 1	18GY Resistor	SD Sheet B41, Location A1
B	1	425M Diode (CON)	SD Sheet B27, Location E3 Material Available
B	3	446F Diode (CON 1, CONAB, CONBB)	SD Sheet B27, Location E3 SD Sheet B40, Locations A4 & E4 Material Available
B	2	185A Networks (COSA, COSB)	SD Sheet B41, Location C1 Material Available
B	1	AK26 Relay (CONAB, CONBB)	SD Sheet B40, Locations A4 & E4 Material Available
B	1	P-93383 Terminal	Material Available
B	1	P-45K347 Adapter	Material Available
B	2	P-181249, BHM Screws	Material Available
B	1	P-45K346 Socket	Material Available 9-1-66 (Hawthorne)

NOTE: Last 4 items above are required to mount the 425M Diode.

1	Remove 2	186A Networks	SD Sheet B40, Locations A4 & E4
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3. J58838BE-1

C	1	59Y Resistor (CON)	SD Sheet B27, Location E3 Material Available
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The addition of the above equipment along with the necessary wiring changes results in the elimination of the marginal operation of the "camp-on" and "camp-on-stop" features and provides an alternate "camp-on-stop" path.

FIGURE 1A

C. Summary

- |   |  |
|---|--|
| 1. Service Affecting  | Yes                                      |
| 2. Coordination required with other changes                                   | Yes                                      |
| 3. Disposition of Expense   | See attachment                           |
| 4. Expense Authorization  | CPCN 4 CG                                |
| 5. Material required for change   | Yes                                      |
| 6. Material Available   | See Description of Change                |
| 7. Change to be made by   | Tel. Co.                                 |
| 8. Changed product will be available from factory                             | 8-1-66                                   |
| 9. Change to be applied to  | All PBX's                                |
| 10. Installation Information (Documents prepared by Installation Engineering) | Handbook 93 - Sections 601 & 603, 8-1-66 |
| 11. Repair Information (Documents prepared by Repair Engineering)             | RS-570.122, 8-1-66                       |
| 12. Change originated by  | BTL                                      |

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Att.  
LDI Issue 12A for SD-66733-01 - 5 Sheets  
LDI Issue 15S for SD-66735-01 - 1 Sheet  
Disposition of Expense

Change Supplements - 3 Sheets for J58838B-1, Iss. 13;  
J5883AE-1, Iss. 12; J58838AF-1, Iss. 8;  
J58838BA-1, Iss. 5; J58838BC-1, Iss. 8;  
J58838BE-1, Iss. 5; J58838BK-1, Iss. 3.  
- 3 Sheets for T-66733-11, Iss. 14  
- 1 Sheet for T-66735-11, Iss. 13

FIGURE 1B