

## CONSTRUCTION PLANS — CABLE TRANSFERS

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### 1. GENERAL

1.01 This section outlines procedures involved in the preparation, distribution, and completion of cable transfer forms made necessary by the addition, removal, or rearrangement of outside plant.

1.02 This section describes forms used to record and disseminate information pertinent to cable transfer work and includes maintenance of associated assignment records.

### 2. FORMS

2.01 Forms provided in connection with this section are described, with a brief explanation of the use and purpose of each.

#### Form E-4108, Report of Defective Cable Pairs

2.02 Forms E-4108 are provided on 8-3/8-in. by 10-7/8-in. sheets and are used to list the recorded defective cable pairs in a cable that is being opened for cable work, defective pairs detected during the transfer, and the

### 3. RECEIPT OF REQUEST FOR TRANSFERS

3.01 Upon receipt of "Request for Transfers," remove the work order from the work order pending or work order in progress file. Enter the required information on the work order progress record of the work order involved, as described in Section 680-300-011.

3.02 The transfer(s) requested shall be verified with the work order to determine that they correspond with the specified splicing sequence and that the transfer(s) can be written as requested.

3.03 Examine the work order in conjunction with the cable pair record of the "From" count to insure that the work order correctly reflects the terminals affected by the transfer of a particular cable count. Discrepancies shall be referred to the forces responsible for the preparation of the work order for correction.

3.04 The terminals, which are to be transferred, shall be indicated by a check (✓) mark placed on the cable pair record above the column number of each terminal location. The

approximate starting date of the transfer, the word "OFF," to indicate that the terminals are being transferred, and the transfer number shall be entered above the affected terminals as shown in Fig. 4.

#### 4. PREPARATION OF CABLE TRANSFERS

##### Form E-4023, Transfer Work Sheet

4.01 Form E-4023 is provided to facilitate the preparation of cable transfers and is an aid to insure the completion of the associated record work. After preparation, Form E-4023 becomes the work sheet for:

- (a) Preparation of cable pair record.
- (b) Preparation of cable transfer.
- (c) Correcting and posting records.
- (d) Check list of necessary operations.

4.02 Generally, one copy of Form E-4023 shall be initiated as the first step in the preparation of a cable transfer. The progress entries shall be entered accurately and on a current basis. The information pertaining to the work operations necessary in the preparation of a cable transfer shall be entered as the operations are completed. See Fig. 2.

Note: In the event more space is needed in order to list all terminals involved, additional forms may be prepared as supplemental sheets for terminal information only.

4.03 When the cable transfer is written, Form E-4023 shall be attached as the first sheet of the assignment center copy of the cable transfer forms.

##### Preparation of New Cable Pair Record

4.04 Care shall be exercised in the preparation of the "To" cable pair record to insure that all entries involved in the transfer have been transcribed accurately.

4.05 The cable pair record of the new cable and count shall be prepared to indicate the terminals which will appear in the count after the transfer is completed. See Fig. 5.

4.06 The terminals being transferred shall be clearly marked to indicate that the stations working in those terminals are not to be bridged with, nor are the terminals to be used for assignment without the approval of the employee preparing the transfer.

##### Preparation of Cable Transfer, Form E-2573

4.07 The information indicated by the space headings on Form E-2573 shall be entered as required. Those spaces for which no entries are applicable shall be noted by a check (✓) mark.

4.08 Fig. 6 is a facsimile of Form E-2573 showing typical entries of the items mentioned in succeeding paragraphs. Examples are not shown for all conditions, however, the same general principles will apply.

##### Numbering Cable Transfers

4.09 It is not desirable, in most cases, to use the entire work order number to identify each cable transfer. The method of numbering outlined in the following paragraphs will provide sufficient identification without undue duplication of numbers.

4.10 The cable transfer number shall consist of the last three digits of the work order number suffixed with the splice number, e.g., a work order number such as 807-2178 may have number 178.1 for splice 1, 178.3 for splice 3, 178.5 for splice 5, etc.

4.11 Any duplication of numbers, where more than one cable transfer is prepared for a given splice number, shall be further identified by the use of suffix letters, e.g., two cable transfers written for splice number 1 shall be identified as 178.1 for the first cable transfer written and 178.1A for the second cable transfer written. In referring to a cable transfer, it is identified as "Cable Transfer" 178.1 or 178.1A as the case may be.

##### Entry of Cable Numbers

4.12 The spaces headed "From-To" and "Ca" (cable) shall be treated as follows:

- (a) Enter the cable numbers of the "From" cables which are involved in the transfer. The cable number of the feeder cable shall be entered in the left-hand space. Distribution cable numbers, if involved, shall be entered progressively to the right.
- (b) Cross out the "To" portion of the "From-To" heading in those spaces in which the "From" cable numbers are entered.
- (c) Enter the cable numbers of the "To" cables which are involved in the transfer. The cable number of the feeder cable shall be entered in the space to the right of

the last entry of the "From" cables. Distribution cable numbers, if involved, shall be entered progressively to the right of the feeder cable.

Note: Depending upon the number of cables being transferred, it may be desirable to skip spaces between the "From" and "To" cables which will facilitate reading the transfer.

- (d) Cross out the "From" portion of the "From-To" heading in those spaces in which the "To" cable numbers are entered.

4.13 Only those cable numbers being transferred, or those which are required by the field and central office forces in order to complete their work, shall be entered on the transfer.

#### Entry of Pair Numbers

4.14 In preparing cable transfer forms, it is desirable to start with the lowest numbered pair and finish with the highest numbered pair. In some cases, especially where the percentage of pairs in use is high, this may not be the best procedure. In such cases the desirable sequence of completing the transfer should be determined and indicated on the transfer forms.

4.15 Where the number of spare pairs available is small, it may be necessary to start by transferring any available pair and to continue in this manner until all pairs have been transferred. The transfer form should indicate the order in which each change is to be made.

4.16 The columns under the "From-To" space with the heading "Pr" (pair) shall be treated as follows:

- (a) List each pair in the "From" count, as shown on the work order, under the respective cable number. Generally, these pairs are listed in numerical sequence beginning with the lowest number.
- (b) List each pair in the "To" count, as shown on the work order, under the respective cable number. Generally, these pairs are listed in numerical sequence beginning with the lowest number.

4.17 If there are 51 pair counts involved in the transfer that do not contain working pairs beyond the point of transfer, it will not be necessary to list each pair in the "From" and "To" pair columns. These counts may be

shown by an entry of the inclusive pair numbers, i.e., 1-51, 203-253, etc., with a notation stating "No Working Pairs."

#### Cross-Connect Terminal Information

4.18 The spaces headed "Cross-Connect Term Address" shall be treated as follows:

- (a) Enter the addresses of the cross-connect terminals involved, in the order in which the cables they serve appear on the cable transfer form.
- (b) Cross out the "From" or "To" of the "From-To" heading as applicable.
- (c) Enter the pair count of each cross-connect terminal if required.

#### Determine That Working Pairs Fall to Clear Pairs

4.19 In order to determine that working pairs in the "From" count will fall to clear pairs in the "To" count proceed as follows:

- (a) Place a check (✓) mark on the cable record, to the left of each working pair which is transferring in the "From" count. Party lines working in different terminals, one of which is not transferring, shall be regrouped prior to the cable transfer, if possible, to eliminate this condition.
- (b) The working pairs which are transferring, as indicated by the check mark (✓), shall be compared with the vacant pairs of the "To" count of the cable to which they are being transferred.
- (c) In the event that working pairs in the "To" count conflict with working pairs in the "From" count, those pairs in the "To" count which are in conflict shall be rearranged and regrouped, if possible, to clear the required pairs, Section 680-300-013.

Note: Occasionally rearrangement and regrouping of lines must be done in the "From" count in order to obtain the desired result, i.e., a clear pair in the "To" count for each working pair being transferred in the "From" count.

- (d) Defective pairs involved in the transfer shall be noted on the cable transfer form by the use of the standard abbreviation for the defect. This entry shall be placed to the left of the particular pair in the "From" count and to the right of the particular pair in the "To" count. Conflicts between working pairs and defective pairs shall be cleared as outlined in Paragraph 4.19(c).

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### List Telephone or Circuit Number and Associated Information

4.20 The class of service, telephone or circuit number and associated information shall be entered in the appropriate spaces of Form E-2573 for each working line that is transferring. See Fig. 6 for typical entries.

4.21 As each line is entered on Form E-2573, all information regarding the pair, which is shown in the "From" count of the cable record, shall be transcribed to the corresponding pair in the "To" count. Care shall be exercised to insure the accuracy of the transcription.

### Power Supply

4.22 The "To" cable pairs of all power supply feeders shall be studied to ascertain that the resistance conforms with the prescribed requirements.

4.23 If the addition of cable pairs for power supply feeders is necessary due to resistance changes, prepare Form E-2574, Line or Station Transfer, as described in Section 680-300-013. The pairs shall be added to the power supply feeders prior to the transfer, if possible. The cable transfer forms shall reflect the power supply feeders as they are at time of transfer.

Note: In the event pairs are not available in the "From" count to add to power supply feeders, if required, the change shall be made in conjunction with the cable transfer.

4.24 If the number of cable pairs used for power supply feeder may be reduced following the transfer, Form E-2574, Line or Station Transfer, Section 680-300-013 shall be prepared to effect the change.

### Resistance and Transmission Zone Changes

4.25 Changes in resistance and transmission zone limits, due to outside plant rearrangements, make it necessary to review all services which may be affected by the change to determine that the "To" cable pairs meet the necessary requirements.

4.26 Changes in transmission zones, as indicated by the work order, shall be entered on Form E-2573 in the space provided.

4.27 Assignment records, which reflect resistance and transmission zones, shall be corrected upon completion of each cable transfer which places a change in effect.

### Instrument Changes

4.28 There may be occasions in connection with outside plant rearrangements where instrument changes or the rewiring of instruments will be required. In such instances refer to Section 680-300-013.

### Station Protection

4.29 In cases where work orders show cable terminals classified as not exposed and not requiring station protection being transferred to a cable and count which is exposed and requires protection, prepare Form E-2574, Line or Station Transfer, Section 680-300-013, in order to effect the change.

4.30 The forces preparing the transfer shall arrange with the field forces to have the field work completed prior to or in conjunction with the cable transfer effecting the change.

### Designed Services

4.31 The "To" cable pairs of these services, which are involved in cable transfers, shall be included in studies to determine whether or not a change in facility and equipment requirements is indicated.

4.32 In the event that changes of facilities and equipment requirements are made necessary by outside plant rearrangements, the changes shall be made prior to or in conjunction with the cable transfer.

4.33 Since the symbol D, encircled, used on the cable pair records to indicate a designed service, has no significance to the forces transferring cable pairs it may be omitted from the Form E-2573, however, care shall be exercised to insure transcription of the symbol to the "To" cable pair record.

## 5. SPECIAL SERVICE LINES

5.01 Because of the importance of special service lines, it is necessary that they be indicated on the cable transfer form in such a manner that all forces concerned will afford the maximum protection against service interruption. See Fig. 6.

5.02 The type of service protection applicable to the line, i.e., "Special Safeguarding Measures" or "Special Service Protection," shall be entered in the column headed "Other Parties on the Line" or "Panel Jack or

Dial Equiv.," whichever is available, on the Form E-2573.

Note: It is desirable to use a red pencil to encircle the pairs involved in the transfer on which special service lines are working. This shall be done on all copies in order to further emphasize the need for special precautions. See Fig. 6.

5.03 The telephone number entered in the space "For Test Call \_\_\_\_" will ordinarily be the number the field forces will call to obtain clearance to transfer a special service line; additional information, if necessary, shall be noted on the transfer.

#### Special Safeguarding Measures

5.04 When special safeguarding measures are required on a certain line, the employee preparing the transfer shall determine that the Plant Engineer has arranged for the necessary treatment of the pair to which the line will fall in the "To" count. Deviations shall be referred to the Plant Engineer for correction.

#### Special Service Protection

5.05 Where special service protection is required on a certain line the employee preparing the transfer shall proceed as outlined in Section 680-520-010, Special Service Protection, Binding Post Insulators and Distributing Frame Guard Devices.

#### Special Service Lists

5.06 In the event that pairs, on which special service lines are working, are exposed in a splice but are not involved in the transfer, the employee preparing the transfer shall prepare a special service list on Form E-2573. See Fig. 7.

5.07 The special service list will include the identifying number of the special service line as well as the cable and pair number on which it works. The notation "See Special Service List Attached" shall be entered in the remarks space of the Form E-2573 prepared on the lines being transferred. The special service list shall then be attached to, and become a part of the cable transfer.

5.08 During the process of cable additions, removals or rearrangements, the field forces work with cable counts which do not require the writing of cable transfers. In order to prevent service interruptions to special service lines in such cables it is essential that special service lists,

indicating the special service, cable and pair number be furnished the field forces.

5.09 The field forces will forward a "Request for Transfers" to the forces responsible for the preparation of the cable transfer on which they will request a special service list for a particular cable and count, work order, etc. The request may be verbal or written.

5.10 Upon receipt of a request for special service list, prepare Form E-2573, listing the special services, cable and pair numbers for the cable and count involved. See Fig. 8. The special service list shall be distributed to the field forces requesting the list and to the test desk. The assignment copy shall be retained by the assignment center.

#### 6. DEFECTIVE PAIRS

6.01 In conjunction with cable transfers, two copies of Form E-4108, Report of Defective Cable Pairs, Fig. 1, shall be prepared as follows:

- (a) Under the caption "From" list each defective pair with the defect and the case number, or cable trouble ticket, as shown on the "From" count of the cable records. Under the caption "To" enter the cable and pair number to which they will transfer.
- (b) Under the caption "To" list each defective pair with the defect and case number, or cable trouble ticket, as shown on the "To" count of the cable record to which the transfer is being made.
- (c) If no defective pairs are reflected on the cable records of either the "From" or "To" cable, enter the word "None" under the caption "From."

6.02 The two copies of Form E-4108 which are prepared shall be attached to the test center copy of the cable transfer forms.

6.03 Any defective pairs encountered during the transfer, with the defect, test, and cable case number or cable trouble ticket will be listed on Form E-4108 by the forces responsible for testing.

6.04 During cable transfer work, all defective pairs in both the "From" and "To" cable counts will be tested to verify, locate, and clear the defect if practicable. Every reasonable effort should be made to clear defective pairs while the sheath is open.

## SECTION 680-300-012

6.05 The cable transfer shall not be considered completed until a complete record of all defective pairs has been established. Immediately following the completion of the cable transfer, the test center will forward one copy of Form E-4108 to the assignment center to be associated with the assignment copy of the cable transfer for correction of records.

### 7. TEST LISTS

7.01 The field forces will forward a "Request for Transfers" to the forces responsible for the preparation of cable transfers on which they will request a "Test List" for a particular cable and count, work order, etc. The request may be verbal or written.

7.02 Test lists may cover the replacement or relocation of terminals, elimination of cross-connecting terminals, replacement of a portion of cable, adding or changing load coils, etc.

7.03 Upon receipt of a request for "Test Lists," prepare Form E-2573 listing the required information as reflected by the cable records of the cable and count involved. Usually cable and pair numbers with the telephone or circuit number of the pairs will be sufficient, Fig. 9. Special service lines will be treated as outlined in Part 5.

7.04 Since the test list does not provide for any change in cable or pairs it may be desirable to enter the notation "No Record Work" in the remarks space of Form E-2573.

### 8. ELIMINATION OF CROSS-CONNECT TERMINALS

8.01 In the elimination of a cross-connecting terminal, it is necessary that the cross connections be rearranged at the cross-connect terminal so that the first and succeeding pairs of the distribution cable correspond to the first and succeeding pairs of the feeder cable to which it is to be spliced as a direct cable pair to the central office. Refer to Section 680-300-013, Line or Station Transfers for initial instructions.

8.02 Following the preparation of the line or station transfers, prepare the new cable records with the distributing terminals of the distribution cable shown in the feeder count on which they will appear when the cross-connect terminal is eliminated. The transfer number shall be posted on the cable records to indicate that transfer work is pending or in progress.

8.03 Prepare a test list on Form E-2573 reflecting the pairs as they will appear after completion of the line or station transfers. Fig. 10 is a typical example of a test list prepared to eliminate a cross-connect terminal.

8.04 It is important that the field forces start splicing operations as soon as practicable following completion of the line or station transfer in order to minimize the number of corrections to the records due to station movement.

8.05 The splicing and testing required to eliminate the cross-connect terminals will be done from the test list.

### 9. DISTRIBUTION

9.01 If the cable transfer involves the placing of back taps at the central office frames, the central office copy shall be forwarded to the central office. The remaining copies may be held by the forces who prepared the cable transfer until notification is received that back taps have been placed, or they may be distributed immediately, as desired.

9.02 The distribution of the remaining copies of the cable transfer forms will normally be as follows:

- (a) Assign Center - retained by assignment center.
- (b) Test Center - to the test center responsible for testing.
- (c) Field - to the forces responsible for completion of the transfer.
- (d) Misc. - use as required.

Note: If extra copies are required, they need only show the information necessary to the forces for whom they are intended.

9.03 In the event that back taps are not required at the central office frames, the Form E-2573 will be distributed immediately following preparation.

### 10. CORRECTIONS

10.01 The assignment center copy of the cable transfer forms is the master copy and all corrections to the forms due to defective pairs, service order assignment, etc., shall be authorized by the assignment center or the

forces who prepared the forms, as the case may be. These forces will then be responsible for notifying other holders of copies of the cable transfer forms of the correction.

#### 11. SERVICE ORDER ASSIGNMENTS

11.01 Service order assignments in cables and counts involved in transfers shall normally be made by the employee who maintains the assignment center copy of the cable transfer forms. The progress of the transfer shall be checked to determine the correct assignment, consideration shall be given to the due date of the service order and the status of the cable transfer.

11.02 Service order assignments shall be entered in the cable records in the usual manner. The assignments shall then be added to the assignment center copy of the cable transfer with appropriate entries on the cable records. All copies of Form E-2573 shall be corrected as outlined in Paragraph 10.01.

11.03 Changes or corrections made on service orders, which affect assignments involved in cable transfers, shall be immediately referred to the employee responsible for the correction of cable pair records and cable transfer forms.

#### 12. COMPLETION OF CABLE TRANSFERS

12.01 Immediately following completion of the cable transfer by the field forces, the forces responsible for testing will notify the forces who prepared the cable transfer forms of the O.K. number, time, date completed, and the name of the employee completing the transfer. This information shall be entered in the proper spaces of the assignment center copy of Forms E-2573, Cable Transfer and E-4023, Transfer Work Sheet.

##### Cable Pair Records

12.02 Any corrections which have been made to the Form E-2573 shall be compared with the entries in the "From" and "To" counts of the cable pair record and discrepancies, if any, corrected.

12.03 The cable pair record shall be checked for accuracy of entries and any reference to the cable transfer, which was made on the terminals or pairs of the "To" count, shall be erased.

12.04 The entries on the pairs of the "From" count which have been transferred, including any references pertaining to the transfer, shall be erased.

12.05 Prepare a new cable pair record reflecting the terminals and working lines remaining in the "From" count following the transfer.

12.06 Any wired out of limits or plant conditions requiring rerouting to terminals in which facilities are available upon completion of the cable transfer shall be rearranged to the correct terminals.

12.07 Upon receipt of Form E-4108, Report of Defective Cable Pairs, from the forces responsible for testing, enter the defective pair information on both the "From" and "To" counts of the cable pair records, as applicable. The Form E-4108 shall be attached to the assignment center copy of the cable transfer.

##### Other Assignment Records

12.08 The following assignment records, which are affected by the cable transfer and which are listed on Form E-4023, Transfer Work Sheet, shall be corrected upon completion of the transfer:

- (a) Terminal Assignment Records.
- (b) Exchange Wire Record.

##### Release Held Orders

12.09 Service orders and applications for service held for outside plant facilities, for which facilities are made available by the cable transfer, shall be released.

##### Filing Form E-2573, Cable Transfer

12.10 Examine each cable transfer and the attached Form E-4023 to determine that all records involved have been corrected.

12.11 File the completed cable transfers numerically by transfer number for the desired retention period.

#### 13. ORDERING INFORMATION

13.01 Form E-4108, Report of Defective Cable Pairs, and Form E-4023, Transfer Work Sheet, are provided in pads of 50 sheets, packaged four pads per package.

13.02 Form E-2573, Cable Transfer, is packaged in boxes containing 100 assemblies.

13.03 When convenient, the forms should be ordered in multiples of the package unit.

(Quantity) Forms E-\_\_\_\_\_.





CABLE TRANSFER										E 2573 (6-53)			
LOCATION OF WORK		① COPY		CENTRAL OFFICE		④		TRANS. NO.		⑩			
②		③		WORK ORDER		⑤		SHEET NO. OF		⑪ SHEETS			
CROSS CONNECT TERM. ADDRESS	FROM			PAIR COUNT	PRINT SPLICE NO.		⑥		COMPLETE AFTER		⑫		
	*FROM *TO				FOR ASSGT CALL		⑦		DATE FIELD WORK TO START		⑬		
	*FROM *TO				FOR TEST CALL		⑧		PREPARED BY		⑭		
	TO						⑨		DATE PREPARED		⑮		
TRANSFER FROM				⑯		TRANSFER TO				⑰			
ITEM NO.	CLASS OF SERVICE	TELEPHONE OR CIRCUIT NO.	PARTY	OTHER PARTIES ON THE LINE BUNCH BLOCK OTHER MDF PICK-UP INF.	PANEL-JACK OR DIAL EQUIV.	FROM CA	*FROM-TO CA	*FROM-TO CA	*FROM-TO CA	*FROM-TO CA	TO CA	CHG. TZ TO	TEST POST
1	⑱	⑲	⑳	㉑	㉒							㉔	㉕
2													
NOTE NO. EXPLANATION OF ENTRIES													
<p>① Enter the name of the force group for which the copy is prepared.</p> <p>② Enter the geographical location of the cable transfer.</p> <p>③ Enter the addresses of the cross-connect terminals involved, with the pair count, if required.</p> <p>④ Enter the serving central office.</p> <p>⑤ Enter the work order number.</p> <p>⑥ Enter the print number involved, as required.</p> <p>⑦ Enter the splice number for which the transfer is written.</p> <p>⑧ Enter the telephone number to be called for assignment changes and corrections.</p> <p>⑨ Enter the telephone number to be called for testing information.</p> <p>⑩ Enter the transfer number.</p> <p>⑪ Enter the sheet number and number of sheets involved.</p> <p>⑫ Enter the transfer number of any transfer which must be completed in advance.</p> <p>⑬ Enter the date, if known, that splicing operation will commence.</p> <p>⑭ Enter the initials of the employee preparing the cable transfer.</p> <p>⑮ Enter the date the cable transfer is prepared.</p> <p>⑯ Enter the cable number and inclusive pairs which are transferring.</p> <p>⑰ Enter the cable number and inclusive pairs to which the transfer is being made.</p> <p>⑱ Enter the notation shown in the "Serv" column of the cable pair record to indicate the class of service.</p> <p>⑲ Enter the telephone number or the identifying number of the service on the pair being transferred. See Fig. 6 for typical entries.</p> <p>⑳ Enter the number or other code which designates the circuit position of the telephone number entered in item 19. (Used only for party line service.)</p> <p>㉑ The entries in this column will be as follows:                      (a) Individual Line - No entry.                      (b) Two-Party Line - Enter the telephone number of the other party on the line. If there is no other party enter the word "NONE."                      (c) Four and Multi-Party Lines - Enter the bunching block number of the circuit and the number or other code which designates the circuit positions of the other parties on the line. If there is no other party enter the word "NONE."                      (d) Special Services or Miscellaneous Circuits - Enter appropriate information to indicate the central office equipment or cable and pair to which the pair being transferred is cross-connected. See Fig. 6 for typical entries.</p> <p>㉒ Enter the panel and jack or dial equivalent of the line, if applicable, on those transfers which involve feeder cables. (These columns are used only in those offices where the panel and jack or dial equivalent appears at the main distributing frame.)</p> <p>Note: In those test centers using originating filing of subscriber line cards, it is desirable to list the panel and jack or dial equivalent in all cases in order to facilitate posting the changes.</p> <p>㉓ Enter in these columns the cable number and pairs being transferred and the cable number and pairs to which they are transferring. See Fig. 6 for treatment of "FROM - TO" heading in each column.</p> <p>㉔ Enter the transmission zone code on the lines affected when a change of transmission zone is indicated on the work order.</p> <p>㉕ Enter information regarding testing and posting cable transfers as desired.</p> <p>Note: The space headings at the bottom of the form are self explanatory.</p>													
26													
* Line out word not applicable. P Protection devices required. SSM Special safeguarding measures. DX Do not remove cross connection. REMARKS:					FRAMEWORK	MDF	IDF LDF	BRF	TF	O.K. NUMBER _____ TIME _____			
					PRELIMINARY BY					DATE COMPLETED _____ BY _____			
					FINAL BY					TEST CENTER REC. POSTED BY _____ DATE _____			
										ASSIGNMENT REC. POSTED BY _____ DATE _____			
PRINTED IN U. S. A.													

Fig. 3 - Facsimile of Form E 2573 and Description of Entries.

PAIRS 102-152 CABLE 16

DATE VERIFIED 7-15-50 OFFICE SHERWOOD

CONN. TO CA.		COUNT		TER. LOC.																															
CONN. TO CA.		COUNT		TER. LOC.																															
HELD ORDERS																																			
ORDER NO.	CAT.	DATE	SERV. TER.	ORDER NO.	CAT.	DATE	SERV. TER.	ORDER NO.	CAT.	DATE	SERV. TER.	FAC. CLASS.																							
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PRESENT CA. NO. PAIR		SHOULD BE CA. NO. 1ST PR. TER.		PRESENT CA. NO. PAIR		SHOULD BE CA. NO. 1ST PR. TER.		PRESENT CA. NO. PAIR		SHOULD BE CA. NO. 1ST PR. TER.																									
SERV. BB.	TEL. NO.	TEL. NO.	TEL. NO. OR MESS. REG. FOR R. PTV.	TEL. NO. OR MESS. REG. FOR T. PTV.	PANEL-JACK DIAL EQUIV.	CONN. TO PAIR	PAIR																												
FB SH2-8065	SSM				33 40	*102		<div style="float: right; text-align: right;">                     F.B. ANN LOCKED                      F.7B ..                      F.70B ..                      F.11B ..                      IN 120 ..                      F.124 ..                      F.152 ..                      F.140 ..                      F.146 ..                      F.152 ..                      F.16 SMITH                      F.10 ..                      F.1 ..                      F.3 PROSPECT 150                 </div>																											
FB MU3-0686	SSM				43 30	*103																													
2FR MU3-3076	SH2-2889				14 11	*104		<div style="float: right; text-align: right;">                     BSMI                      6-22-53                      OFF TRANS                      178.1                 </div>																											
FR SH2-8088	-				23 40	*106																													
FR SH2-1234					36 23	*107																													
PT SPT 119	Ⓞ Ⓞ					*108																													
FB SH2-3400					21 32	*109																													
FB SH2-6850					13 22	*110																													
2FR SH2-2058	MU3-1767				20 02	*111																													
R-GRD	6-28-52					*112																													
FR SH2-7158	SH2-8411	SH2-5692	MU3-5678		61 39	*113																													
FR MU3-7246					28 25	*114																													
SHT	8-2-52					*115																													
TRK SH2-8000					12 14	*116																													
FR MU3-4563					21 11	*117																													
BAT SH2-8000					48V F26	*118																													
GEN SH2-8000					F10 L6	*119																													
FR SH2-6435					63 21	*120																													
						*121																													
X	X	X	X	X	X	X	X																												
X	X	X	X	X	X	X	X																												
FR SH2-1429	MU3-9214	SH2-4851	MU3-3742		51 49	*122																													
FR SH2-3456	SH2-2468	SH2-3897	SH2-6542		33 49	*123																													
						*124																													
						*125																													
OPX EXT-1	SH2-8000				LLE 14	*126																													
CS SCS-149	Ⓞ Ⓞ					*127																													
						*128																													
						*129																													
						*130																													
						*131																													
						*132																													
						*133																													
						*151																													
						*152																													

Fig. 4 Illustrates Method Of Indicating A Pending Transfer In The "From" Cable and Count

DATE VERIFIED		PAIRS		CABLE		OFFICE			
9-22-49		203-253		21		SHERWOOD			
CONN. TO CA.		COUNT		TER. LOC.		FAC. CLASS.			
CONN. TO CA.		COUNT		TER. LOC.		FAC. CLASS.			
HELD ORDERS									
ORDER NO.	CAT.	DATE	SERV. TER.	ORDER NO.	CAT.	DATE	SERV. TER.		
1ST 24 PR. <input type="checkbox"/> 2ND 24 PR. <input type="checkbox"/>									
WIRING OUT OF LIMITS		PRESENT CA. NO. 1ST PR. TER.		SHOULD BE CA. NO. 1ST PR. TER.		PRESENT CA. NO. 1ST PR. TER.		SHOULD BE CA. NO. 1ST PR. TER.	
SERV. BS.	TEL. NO.	TEL. NO.	TEL. NO. OR MESS. REG. FOR R. PTY.	TEL. NO. OR MESS. REG. FOR T. PTY.	PANEL-JACK DIAL EQUIV.	CONN. TO PAIR	PAIR	1	2
FB	SHZ-8065	SSM			33 40		203		
FB	MU3-0685	SSM			43 30		204		
2PR	MU3-3076	SHZ-2889			14 11		205		
	SHT	6-12-52					206		
							207		
FR	SHZ-1234				36 23		208		
PT	5PT-119	(D) (P)				19 225	209		
FB	SHZ-3400				21 32		210		
	RGND	5-28-52					211		
2PR	SHZ-2068	MU3-1767			20 02		212		
							213		
4PR	SHZ-7158	SHZ-8411	SHZ-5692	MU3-5678	61 39		214		
FR	MU3-7246				28 25		215		
							216		
FRX	SHZ-8000				12 14		217		
FR	MU3-4663				21 11		218		
BAT	SHZ-8000				48V F26		219		
GEN	SHZ-8000				F10 L6		220		
4PR	SHZ-6112	SHZ-2116	MU3-5883	SHZ-8875	87 12		221		
2PR	MU3-8295	SHZ-2958			29 38		222		
X	X	X	X	X	X	X	X	X	X
X	X	X	X	X	X	X	X	X	X
4PR	SHZ-1429	MU3-9241	SHZ-4851	MU3-3742	51 49		223		
4PR	SHZ-3456	SHZ-2468	SHZ-3897	SHZ-6542	33 49		224		
							225		
	SHT	4-15-52					226		
OPX	EXT-1	SHZ-8000			LLE 14	23 2160	227		
CS	5CG-149	(D) (P)				22 2108	228		
							229		
							230		
							231		
FR							232		
2PR	SHZ-7245				75 83		233		
4PR							234		
160							235		
							252		
							253		

Fig. 5 Illustrates Method of Indicating A Pending Transfer In The "To" Cable and Count

ASSIGN COPY **CABLE TRANSFER** E 2573  
(6-53)

LOCATION OF WORK MANHOLE CORNER ANN & HUDSON CENTRAL OFFICE SHERWOOD TRANS. NO. 178.1

CROSS CONNECT TERM. ADDRESS	FROM	PAIR COUNT		WORK ORDER <u>807-2178</u>	SHEET NO. <u>1</u> OF <u>4</u> SHEETS
	FROM			PRINT <u>✓</u>	COMPLETE AFTER <u>✓</u>
	FROM			SPLICE NO. <u>1</u>	DATE FIELD WORK TO START <u>6-22-53</u>
	TO			FOR ASSGT CALL <u>SH2-8161</u>	PREPARED BY <u>LR</u>
				FOR TEST CALL <u>117</u>	DATE PREPARED <u>6-12-53</u>

TRANSFER FROM 15, 102-202 TRANSFER TO 21, 203-303

ITEM NO.	CLASS OF SERVICE	TELEPHONE OR CIRCUIT NO.	PARTY	OTHER PARTIES ON THE LINE BUNCH BLOCK OTHER MDF PICK-UP INF.	PANEL JACK OR DIAL EQUIV.		FROM	FROM TO	FROM TO	FROM TO	FROM TO	TO	CHG. TZ TO	TEST POST
					CA	CA	CA	CA	CA	CA	CA			
							15			21				
							PR	PR	PR	PR	PR	PR		
1	FB	SH2-8065		SSM	33 40	(102)				(203)				
2	FB	MU3-0685		SSM	43 30	(103)				(204)				
3	ZFR	MU3-3076	1	SH2-2889	14 11	104				205				
4						105				206	SHT			
5						106				207				
6	FR	SH2-1234			36 23	107				208				
7	PT	5PT119		10 X 225	(P)	(108)				(209)				
8	FB	SH2-3400			21 32	109				210				
9						110				211	T-GND			
10	ZFR	SH2-2058	1	MU3-1767	20 02	111				212				
11					R-GND	112				213				
12	4FR	SH2-7158	1	BB268 2-3-4	61 39	113				214				
13	FR	MU3-7246			28 25	114				215				
14					SHT	115				216				
15	TRK	SH2-8000			12 14	116				217				
16	FR	MU3-4563			21 11	117				218				
17	BAT	SH2-8000		484 F26		118				219				
18	GEN	SH2-8000		F10 LB L6		119				220				
19						120				221				
20						121				222				
21	4FR	SH2-1429	1	BB278 2-3-4	51 49	122				223				
22	4FR	SH2-3456	1	BB226 2-3-4	33 49	123				224				
23						124				225				
24						125				226	SHT			
25	OPX	SH2-8000	EXT 1	25 X 160	LLE 14	126				227				
26	CS	5CS 149		22 X 105	(P)	(127)				(228)				

Use red pencil to encircle pairs to indicate the need for special precautions.

• Line out word not applicable.  
 (P) Protection devices required.  
 SSM Special safeguarding measures.  
 DX Do not remove cross connection.

REMARKS:  
SEE SPECIAL SERVICE LIST ATTACHED.

FRAMEWORK	MDF	IDF LDF	BRF	TF
PRELIMINARY BY				
FINAL BY				

O.K. NUMBER _____	TIME _____
DATE COMPLETED _____	BY _____
TEST CENTER REC. POSTED BY _____	DATE _____
ASSIGNMENT REC. POSTED BY _____	DATE _____

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Fig. 6 - Typical Entries on Cable Transfer Form.

FIELD COPY		CABLE TRANSFER SPECIAL SERVICE LIST											
LOCATION OF WORK <b>MANHOLE CORNER ANN &amp; HUDSON</b>		CENTRAL OFFICE <b>SHERWOOD</b>		TRANS. NO. <b>178.1</b>									
GROSS CONNECT TERM. ADDRESS	FROM	PAIR COUNT	WORK ORDER	SHEET NO. 1 OF 1 SHEETS									
	FROM		<b>807-2178</b>	COMPLETE AFTER									
	FROM			DATE FIELD WORK TO START <b>6-22-53</b>									
	FROM			PREPARED BY <b>LR</b>									
	TO			DATE PREPARED <b>6-12-53</b>									
TRANSFER FROM			TRANSFER TO										
ITEM NO.	CLASS OF SERVICE	TELEPHONE OR CIRCUIT NO.	PARTY	OTHER PARTIES ON THE LINE BUNCH BLOCK OTHER MDF PICK-UP INF.	PANEL-JACK OR DIAL EQUIV.	FROM CA 15 PR	FROM TO CA	FROM TO CA	FROM TO CA 21 PR	FROM TO CA	TO CA	CHG. TZ TO	TEST POST
1	BA	1BA22		(P)		143							
2	TT	1TT-17		(P)					248				
3	BA	1BA 15		(P)					303				
5	SPECIAL SERVICES IN 15, 1-101 + 203-303												
6	21, 1-202												
7													
8													
9													
10													
11													
12													
13													
14													
15													
16													
17													
18													
19													
20													
21													
22													
23													
24													
25													
26													

<ul style="list-style-type: none"> <li>⊙ Line out word not applicable. Protection devices required.</li> <li>SSM Special safeguarding measures.</li> <li>DX Do not remove cross connection.</li> </ul> REMARKS:	FRAMEWORK	MDF	IDF LDP	BRF	TF	O.K. NUMBER _____	TIME _____
	PRELIMINARY BY _____					DATE COMPLETED _____	BY _____
	FINAL BY _____					TEST CENTER REC. POSTED BY _____	DATE _____
						ASSIGNMENT REC. POSTED BY _____	DATE _____

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Fig. 7 - Example of Special Service List Prepared In Conjunction With a Cable Transfer.

**FIELD** COPY      **CABLE TRANSFER SPECIAL SERVICE LIST**      E 2573 (6-53)

LOCATION OF WORK: ANN ST. WEST OF PROSPECT      CENTRAL OFFICE: SHERWOOD      TRANS. NO.: 178.2

CROSS CONNECT TERM. ADDRESS	FROM	PAIR COUNT	WORK ORDER	SHEET NO. <u>1</u> OF <u>1</u> SHEETS
	FROM		ORDER <u>807-2178</u>	COMPLETE AFTER
	FROM		PRINT SPLICE NO. <u>2</u>	DATE FIELD WORK TO START <u>6-24-53</u>
	FROM		FOR ASSG'T CALL <u>5H2-8161</u>	PREPARED BY <u>LR</u>
	TO		FOR TEST CALL <u>117</u>	DATE PREPARED <u>6-23-53</u>

TRANSFER FROM \_\_\_\_\_      TRANSFER TO \_\_\_\_\_

ITEM NO.	CLASS OF SERVICE	TELEPHONE OR CIRCUIT NO.	PARTY	OTHER PARTIES ON THE LINE BUNCH BLOCK OTHER MDF PICK-UP INF.	PANEL-JACK OR DIAL EQUIV.	FROM		* FROM-TO		* FROM-TO		* FROM-TO		* FROM-TO		CHG. TZ TO	TEST POST
						CA	PR	CA	PR	CA	PR	CA	PR	CA	PR		
1	PT	1PT 1						1510									
2	PT	1PT 2															
3	PT	1PT 3															
4	TT	2TT 16															
5	PL	1PL 12															
6																	
7		<i>SPECIAL SERVICES IN 1510, 1-101</i>															
8																	
9																	
10																	
11																	
12																	
13																	
14																	
15																	
16																	
17																	
18																	
19																	
20																	
21																	
22																	
23																	
24																	
25																	
26																	

\* Line out word not applicable.  
 (P) Protection devices required.  
 SSM Special safeguarding measures.  
 DX Do not remove cross connection.  
 REMARKS:

FRAMEWORK	MDF	IDF LDF	BRF	TF
PRELIMINARY BY				
FINAL BY				

O.K. NUMBER \_\_\_\_\_ TIME \_\_\_\_\_  
 DATE COMPLETED \_\_\_\_\_ BY \_\_\_\_\_  
 TEST CENTER REC. POSTED BY \_\_\_\_\_ DATE \_\_\_\_\_  
 ASSIGNMENT REC. POSTED BY \_\_\_\_\_ DATE \_\_\_\_\_

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Fig. 8 - Typical Special Service List Prepared When Transfer of Pairs is Not Involved.

FIELD COPY **CABLE TRANSFER** TEST LIST

LOCATION OF WORK EAST OF TERMINAL F 88 ANN ST. CENTRAL OFFICE SHERWOOD TRANS. NO. ✓

CROSS CONNECT TERM. ADDRESS: FROM, \*FROM \*TO, \*FROM \*TO, \*FROM \*TO, TO

PAIR COUNT

WORK ORDER CABLE REPAIR SHEET NO. 1 OF 4 SHEETS COMPLETE AFTER ✓

PRINT ✓ DATE FIELD WORK TO START 6-24-53

SPLICE ✓ PREPARED BY LR

NO. ✓ FOR ASSGT CALL SH 2-8161 DATE PREPARED 6-22-53

FOR TEST CALL 117

TRANSFER FROM ✓ TRANSFER TO ✓

ITEM NO.	CLASS OF SERVICE	TELEPHONE OR CIRCUIT NO.	PARTY	OTHER PARTIES ON THE LINE BUNCH BLOCK OTHER MDF PICK-UP INF.	PANEL-JACK OR DIAL EQUIV.	FROM	*FROM-TO	*FROM-TO	*FROM-TO	*FROM-TO	TO	CHG. TZ TO	TEST POST
						CA	CA	CA	CA	CA	CA		
1	FB	5H2-8065		SSM		(203)							
2	FB	5H2-0685		SSM		(204)							
3	2FR	MU3-3076	1	5H2-2889		205							
4						206	5HT						
5						207							
6	FR	5H2-1234				208							
7	PT	5PT 119		(P)		(209)							
8	FB	5H2-3400				210							
9						211	T-GND						
10	2FR	5H2-2058	1	MU3-1767		212							
11						213							
12	4FR	5H2-7158	1	BB 268 2-3-4		214							
13	FR	MU3-7246				215							
14						216							
15	TRK	5H2-8000				217							
16	FR	MU3-4563				218							
17	BAT	5H2-8000				219							
18	GEN	5H2-8000				220							
19						221							
20						222							
21	4FR	MU3-1429	1	BB 270 2-3-4		223							
22	4FR	5H2-3456		BB 226 2-3-4		224							
23						225							
24						226							
25	OPX	5H2-8000	EXT 1			227							
26	CS	5CS 149		(P)		(228)							

Use red pencil to encircle pairs to indicate the need for special precautions.

~~NO RECORD WORK~~

REMARKS: NO RECORD WORK

FRAMEWORK	MDF	IDF LDF	BRF	TF
PRELIMINARY BY				
FINAL BY				

O.K. NUMBER \_\_\_\_\_ TIME \_\_\_\_\_

DATE COMPLETED \_\_\_\_\_ BY \_\_\_\_\_

TEST CENTER REC. POSTED BY \_\_\_\_\_ DATE \_\_\_\_\_

ASSIGNMENT REC. POSTED BY \_\_\_\_\_ DATE \_\_\_\_\_

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Fig. 9 - Typical Test List - Portion of Cable Being Replaced, No Change in Pairs.

**ASSIGN COPY CABLE TRANSFER TEST LIST**

LOCATION OF WORK ELIMINATE CROSS CONN TERM F800 CHESTNUT CENTRAL OFFICE SHERWOOD TRANS. NO. 2857 E 2579 (6-53)

CROSS CONNECT TERM. ADDRESS	FROM	PAIR COUNT	WORK ORDER <u>807-4285</u>	SHEET NO. <u>1</u> OF <u>4</u> SHEETS
FROM	TO	FROM	PRINT <u>✓</u>	COMPLETE AFTER <u>47285.07</u>
FROM	TO	FROM	SPLICE NO. <u>7</u>	DATE FIELD WORK TO START <u>7-6-53</u>
FROM	TO	FROM	FOR ASSG'T CALL <u>5H2-8161</u>	PREPARED BY <u>LR</u>
TO	TO	TO	FOR TEST CALL <u>117</u>	DATE PREPARED <u>7-1-53</u>

TRANSFER FROM 2203, 1-101 TRANSFER TO 22, 102-202

ITEM NO.	CLASS OF SERVICE	TELEPHONE OR CIRCUIT NO.	PARTY	OTHER PARTIES ON THE LINE BUNCH BLOCK OTHER MDF PICK-UP INF.	PANEL-JACK OR DIAL EQUIV.		FROM	*FROM-TO	*FROM-TO	*FROM-TO	*FROM-TO	TO	CHG. TZ TO	TEST POST
					CA	CA	CA	CA	CA	CA	CA			
1	FR	5H2-1865					22	2203		22				
2							102	1		102				
3	FB	5H2-8615					103	2		103				
4							104	3		104				
5	2FR	MU3-6185	1	5H2-2735			105	4		105				
6							106	5		106				
7							107	6		107				
8	FR	MU3-1435					108	7		108				
9							109	8		109				
10							110	9		110				
11	FR	5H2-2239					111	10		111				
12							112	11		112				
13							113	12		113				
14	2FR	MU3-4321	2	NONE			114	13		114				
15							115	14		115				
16							116	15		116				
17	4FR	MU3-7321	1	BB 320 2-3			117	16		117				
18							118	17		118				
19							119	18		119				
20	TRK	5H2-5510					120	19		120				
21	TRK	5H2-5511					121	20		121				
22	BAT	5H2-5510					122	21		122				
23	GEN	5H2-5510					123	22		123				
24							124	23		124				
25	OPX	5H2-5510	EXT 10				125	24		125				
26							126	25		126				
							127	26		127				

\* Line out word not applicable.  
 (P) Protection devices required.  
 SSM Special safeguarding measures.  
 DX Do not remove cross connection.  
 REMARKS:

FRAMEWORK	<input checked="" type="checkbox"/> MDF	<input type="checkbox"/> IDF	<input type="checkbox"/> LDF	<input type="checkbox"/> BRF	<input type="checkbox"/> TF
PRELIMINARY BY					
FINAL BY					

O.K. NUMBER \_\_\_\_\_ TIME \_\_\_\_\_  
 DATE COMPLETED \_\_\_\_\_ BY \_\_\_\_\_  
 TEST CENTER REC. POSTED BY \_\_\_\_\_ DATE \_\_\_\_\_  
 ASSIGNMENT REC. POSTED BY \_\_\_\_\_ DATE \_\_\_\_\_

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Fig. 10 - Typical Test List - Used to Eliminate Cross Connecting Terminal.