

81D1 SYSTEM
OUTLYING STATIONS
STATION CONTROL UNIT
CODE AND CROSS CONNECTION RECORD FORMS

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1. GENERAL

1.01 This section contains information on Forms E-3976 and P-1975 which are used to record code and cross connection information at outlying stations.

1.02 A copy of the appropriate form should be left at each station to serve as a permanent record.

2. DESCRIPTION AND USE

Form E-3976 For Stations With BS6L Sotus Units
(See Fig. 1.)

2.01 This form is letter size, made of durable card stock printed on one side. Spaces are provided for entering all pertinent information regarding the Station Codes, the Sotus lower case arrangement and the Station Control Circuit Cross Connection. The instructions for preparing this record appear on the form.

2.02 The TP120891 no-code clip shown on the form has been replaced by the TP135900.

Form P-1975 For Stations With The Electronic Station Control Unit (See Fig. 2.)

2.03 This form is letter size, made of durable card stock printed on one side. It provides for recording the station codes and cross connection data.

2.04 Cross connecting information and notes on use of Form P-1975. (From SD-70883-01-D3.)

(a) Any characters except H, T, O, M, V, and Z may be used for Receiver Cut-on codes.

(b) Characters which may be used for Transmitter Start codes are:

Priority – U, F, C, B, J, P, Y, W, M and G.

Regular – A, S, I, D, R, H, Z, L, N and O.

(c) Character which may be used for Emergency Stop code X.

2.05 Typical examples of Receiver Cut-on codes when Station No. 1 is the Master Station are as follows.

EA – Individual Code for Station No. 1

DC – Individual Code for Station No. 2

JC – Group Code for Station No. 1

JJ – Common Group for both Stations

JA – Master Station Valid Code Check
(Station No. 3 of line)

2.06 Typical examples of Transmitter Start and Emergency Stop codes are as follows.

Priority 1 – U

Regular 1 – A

Priority 2 – F

Regular 2 – S

Emergency Stop – X

SECTION 580-101-900 LL

2.07 Refer to Page 4 where Form P-1975 has the following cross connections indicated:

CHARACTER	FROM ELECTRONIC RECEIVING SELECTOR TERM. NO.	TO (ACT) TS TERM. NO.
E	5	1
A	1	7
D	4	4
C	3	8
J	10	3
C		
J		
J		
J		
A		

} See 2.08

(Following are Transmitter Start and Stop)

U	21	21
A	From (ACT) TS Term. No. 7 See 2.09	22
F	6	23
S	19	24
X	24	25

2.08 Terminals 1-6 of the (ACT)TS are assigned to first characters of code and to those second characters which are the same as

the first characters terminals 7-20 are for other second characters. When the second character is a repeat of the first, only one cross connection is required.

2.09 Only one connection may be terminated in the Electronic Receiving Selector Terminal Strip. Whenever a character is also used for Transmitter Start or Emergency Stop, Cross Connections should be made between the terminals provided on the (ACT)TS.

2.10 Final code points required for Receiver Cut-on codes are wired to SA, SB, and GC leads by common strapping to each first code group. Final code point at the Master Station required to recognize valid codes for other stations on the line and trunk exclusion codes generated by Home Switching Centers are wired by common strapping to MC lead. Refer to 2.07 for a typical strapping arrangement.

3. ORDERING

3.01 Forms E-3976 are to be ordered from the Western Electric Co. in the usual manner.

3.02 Forms P-1975 are to be ordered from the Long Lines Stationery Stockroom.

A. T. & T. CO.
L. L. DEPT.

81D1 TTY SWITCHING SYSTEM
ELECTRONIC STATION CONTROL UNIT
CODE and CROSS CONNECTION RECORD

FORM P-1975
3-61

CIRCUIT _____ CUSTOMER _____ CITY _____
DATE _____ PL SO _____

Station	Trans. Start Code		Cut-on Codes			Master Station Valid Code Check	Address (Bldg.) (Room No.)
	Prior	Reg.	Indiv.	Group	Common Group		
One							
Two						X	

ELECTRONIC
RECEIVING
SELECTOR

- (A) 1
- (B) 2
- (C) 3
- (D) 4
- (E) 5
- (F) 6
- (G) 7
- (H) 8
- (I) 9
- (J) 10
- (K) 11
- (L) 12
- (M) 13
- (N) 14
- (O) 15
- (P) 16
- (Q) 17
- (R) 18
- (S) 19
- (T) 20
- (U) 21
- (V) 22
- (W) 23
- (X) 24
- (Y) 25
- (Z) 26

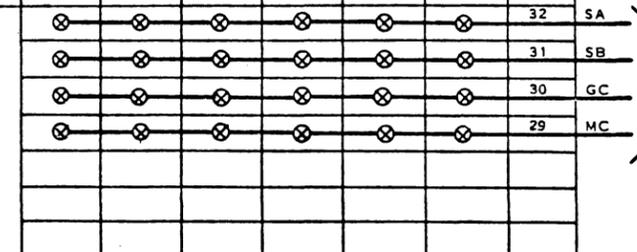
RECEIVER CUT ON INPUT (SEE NOTE 406)	FINAL CODE POINTS						TERM NO.	
	(ACT) TS	(FC1)TS	(FC2)TS	(FC3)TS	(FC4)TS	(FC5)TS		(FC6)TS
1		⊗	⊗	⊗	⊗	⊗	⊗	1
2		⊗	⊗	⊗	⊗	⊗	⊗	2
3		⊗	⊗	⊗	⊗	⊗	⊗	3
4		⊗	⊗	⊗	⊗	⊗	⊗	4
5		⊗	⊗	⊗	⊗	⊗	⊗	5
6		⊗	⊗	⊗	⊗	⊗	⊗	6
7		⊗	⊗	⊗	⊗	⊗	⊗	7
8		⊗	⊗	⊗	⊗	⊗	⊗	8
9		⊗	⊗	⊗	⊗	⊗	⊗	9
10		⊗	⊗	⊗	⊗	⊗	⊗	10
11		⊗	⊗	⊗	⊗	⊗	⊗	11
12		⊗	⊗	⊗	⊗	⊗	⊗	12
13		⊗	⊗	⊗	⊗	⊗	⊗	13
14		⊗	⊗	⊗	⊗	⊗	⊗	14
15		⊗	⊗	⊗	⊗	⊗	⊗	15
16		⊗	⊗	⊗	⊗	⊗	⊗	16
17		⊗	⊗	⊗	⊗	⊗	⊗	17
18		⊗	⊗	⊗	⊗	⊗	⊗	18
19		⊗	⊗	⊗	⊗	⊗	⊗	19
20		⊗	⊗	⊗	⊗	⊗	⊗	20

TRANSMITTER
START

- (ACT) TS
- 21 (PRI 1)
- 22 (REG 1)
- 23 (PRI 2)
- 24 (REG 2)
- 25 (EMER STOP X)

TRUNK
EXCLUSION

- (ACT)TS
- 30 1ST CHAR (REG)
- 31 1ST CHAR (URGENT)
- 32 2ND CHAR



NOTE: FOR STRAPPING PROCEDURE
AND EXAMPLE REFER TO
400 SERIES NOTES OF SD 70883