

## TROUBLE INDICATOR RECORDS

### INTERTOLL TRUNK CONCENTRATING EQUIPMENT

#### 1. GENERAL

1.01 This section describes Forms E-3964 and E-3965 which are provided for recording trouble indications displayed at the intertoll trunk concentrating equipment trouble indicator frame in crossbar tandem and toll offices.

1.02 Form E-3964 "Intertoll Trunk Concentrating Equipment Trouble Ticket" is 4" x 6". It is provided for recording individual displays. It is also provided for recording concentrating equipment trouble data as explained in detail in other sections of the Bell System Practices. For the purposes of this practice, discussion will be limited to the trouble indicator portion of this ticket.

1.03 Form E-3965 "Intertoll Trunk Concentrating Equipment Trouble Indicator Record" is 8-3/8" x 10-7/8". It provides for recording as many as 25 displays on one sheet.

#### 2. DESCRIPTION OF FORMS

2.01 The upper left-hand spaces on Form E-3964 and the column headings on Form E-3965 are designated to correspond to the lamp designations on the trouble indicator frame reading from left to right and top to bottom. These designations are explained in other sections of the Bell System Practices.

2.02 In some of the spaces it is necessary to write in one or more numbers. Other spaces should be checked to indicate that the corresponding lamp on the trouble indicator was lighted.

2.03 The use of these forms is optional. Either or both of the forms provided may be used in an office.

2.04 The right half of Form E-3965 has been provided for recording analyses of the troubles represented by displays, the trouble found or action taken as well as other miscellaneous data as indicated by the column headings.

2.05 Form E-3965 is normally intended for recording the information displayed on the trouble indicator frame. It is also used as a summary sheet for analysis purposes.

2.06 It will be found desirable to prepare a Form E-3964 on all displays which result in a found trouble within an office or for those cases which are referred to a switchman for investigation. This form may be used as a trouble ticket record of the found troubles resulting from trouble indicator frame displays.

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ITTC TROUBLE TICKET NO.				OFFICE				CLASS REPORT		TROUBLE CODE			
DATE		TIME REC'D		REP'T BY		REC'D BY							
INDICATOR RECORD SHEET AND LINE NO.				TROUBLE REPORT									
C-		DL-										T-	
U-		G-										OT-	
ILH	IHL	OLH	OHL	XH		REF'D TO	REF'D NO.	DATE	TIME				
XS	CPC	HM	SM	TC		TROUBLE FOUND							
INCOMING TRUNK			EQUIPMENT										
OUTGOING TRUNK			EQUIPMENT										
ITTC		HOR.		VERT.		CLEARED BY		TIME	DATE				
						TIME SPENT LOCATING AND CLEARING TROUBLE							

Front of Form E-3964

TROUBLE FOUND IN THIS OFFICE											
APPARATUS IN TROUBLE			RELAY			SWITCH NUMBER			OTHER APPARATUS		
FRAME NO. _____			DESIG. _____			HOR. _____					
UNIT NO. _____			CODE _____			VERT. _____					
			SPRING NOS. _____			HOLD ON _____					
APPARATUS DATE OF MANUFACTURE (IF ANY)			SPRING NO. _____								
CONTACT TROUBLE		ADJUSTMENT TROUBLE-ELECTRICAL				DEFECTIVE APPARATUS				WIRING	
LOCK _____		OPERATE _____		NON OPERATE _____		OPEN WINDING _____		OPEN _____			
OPEN (DIRT) _____		HOLD _____		RELEASE _____		SHORT CKT. WINDING _____		LOOSE _____			
BRIDGE _____				OTHER _____		STOP PIN _____		SOLDER CROSS _____			
LARGE EROSION _____		ADJUSTMENT TROUBLE-MECHANICAL				ARMATURE _____		WIRE CROSS _____			
BUILD UP _____		FOLLOW _____		STOP PIN WEAR _____		TRAVEL STUD _____		INCORRECT WIRING _____			
MISALIGNMENT _____		TENSION _____		SPRING _____		ARMATURE _____		APPARATUS TERMINAL _____			
CONTACT MISSING _____		CONTACT SEPARATION _____		STUD WEAR _____		TRAVEL NUT _____		TERMINAL STRIP _____			
OTHER _____		SPRING CLEARANCE _____		ARMATURE _____		PILE-UP CROSS _____		SWITCHBOARD CABLE _____			
		STUD GAP _____		HINGE WEAR _____		SPOOLHEAD _____		LOCAL CABLE _____			
		CARD GAP _____		POLE GAP _____		CARD _____		SURFACE WIRING _____			
				MATERIAL _____		SPRING STUD _____		BARE WIRE _____			
				IN POLE GAP _____		COIL SPRING _____		EQUIP. FR. X CONN. _____			
				SEL. FINGER _____		SELECT FINGER _____		DISTRIB. FR. X CONN. _____			
REMARKS:											

Back of Form E-3964

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FORM E-3965  
(6-52)

### INTERTOLL TRUNK CONCENTRATING EQUIPMENT TROUBLE INDICATOR RECORD TANDEM AND TOLL OFFICES

OFFICE \_\_\_\_\_ CITY \_\_\_\_\_ MONTH \_\_\_\_\_ 19 \_\_\_\_\_

NO.	C-	DL-	T-	U-	G-	OT-	ILM	IML	OLM	OHL	XH	XS	CPC	HM	SM	TC	BY	TIME	DATE	TROUBLE FOUND	BY	TIME	DATE	
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SHEET NO. \_\_\_ OF \_\_\_ SHEETS

Form E-3965 (Reduced Size)