

**UPKEEP WORK UNITS
STATION EQUIPMENT — TELEPHONE
FORM E-4413**

1. GENERAL

1.001 This addendum supplements Section 015-813-010, Issue 5, and supersedes Addendum (Issue 1) dated March 1967.

1.002 This addendum is issued to:

(a) Revise DATASPEED and data set work unit count. Data sets were regrouped and now include data auxiliary sets. Also the work unit factor for group 3 data sets was increased.

(b) Provide for counting 400 switching systems and 756 PBXs on a per switch basis.

(c) Revise Form E-4413 to provide work units for 761 PBXs and message registers associated with PBXs.

(d) Add the CALL-A-MATIC telephone set as a Special Miscellaneous Feature.

(e) Provide work units for Automatic Reporting Telephones.

(f) Revise Number of Plant Items to include all plant items regardless of ownership.

Γ (g) Add the "Magical" set as a Special Miscellaneous Feature.

(h) Provide method of counting Jet Ink Printer.

(i) Provide method of counting voice and data couplers.

(j) Revise work unit factors for telephone booths. These work unit factors were revised because of the inclusion of contract booth cleaning work in the measured category. See Plant Letter 1910B dated July

L 15, 1969.

1.003 The following changes apply to the revised Form E-4413:

LINE NO.	FROM	TO	W. U. PER PLANT ITEM
41	No change	No change	10.327
42	#400 Switching System (per Junctor)	#400 Switching System (per Switch)	2.700
44	#756 (per Junctor)	#756 or #761 (per Switch)	2.700
→ 49	No change	No change	2.195
→ 50	No change	No change	3.301
62	Blank	Message Registers (per 100)	2.640
63	Blank	Automatic Reporting Telephone	1.671

2. DESCRIPTION OF FORM E-4413

The following changes apply to Part 2 of this section:

(a) 2.01 — revised

(b) 2.18 — revised

(c) 2.19 — revised

(d) 2.20 — revised

(e) 2.28 — revised

(f) 2.321 — added

(g) 2.322 — added

2.01 Columns A & D: Number of Plant Items:

Enter in these columns the number of plant items in service. This would include all plant items, regardless of ownership, whose up-keep hours are charged to the reporting unit.

2.17 Line 38: Data Speed-Sender or Receiver:

Count one plant item for each type 1, type 2, or type 5 data speed sender or receiver. Count two plant items for each type 4 data speed sender or receiver and each data speed printer. Count jet ink printer as two plant items.

2.18 Lines 39 through 41: Data Sets: Count one plant item for each data set and each data auxiliary set that is classified in the "Telephone and Miscellaneous" account in one of the following groups.

(a) **Line 39:** Group 1 includes data sets coded 401A-E-G-H-L, and all types 108, 601, 803, 804, 806, 807, 808, 809, 811, 816, 819, and 820. Voice, Data and Alarm Couplers.

(b) **Line 40:** Group 2 includes data sets coded 401B-F-J and all types 102, 103, 402, 403, 404, 602, 603, 604, 801, 822, and 823.

(c) **Line 41:** Group 3 includes all type data sets coded 201, 202, 203, 205, 207, 301, and 301.

2.19 Line 42: #400 Switching System (per Switch): Count one plant item for each switch in the #400 switching systems.

2.20 Lines 43 through 46: PBX: Count plant items for PBX's as follows:

(a) **Line 43: #750 or #755 (Per Link):** Count one plant item for each link circuit.

(b) **Line 44: #756 or #761 (Per Switch):** Count one plant item per switch.

(c) **Line 45: Key (Cordless) Position:** Count one plant item for each key (cordless) PBX switchboard position such as 505, 506, 507, etc.

(d) **Line 46: Manual Non-Multiple (Cord) Position:** Count one plant item for each manual non-multiple cord type switchboard position (except those associated with large dial switching PBX system—counted on Form E-4414).

2.28 Line 57: Special Miscellaneous Feature:

Count one plant item for each special miscellaneous feature as follows:

(a) Each bell and light civil air defense warning set. Do not count dials at control set.

(b) Each dialaphone.

(c) Each rapidial.

(d) Each Call-a-Matic.

(e) Each Magical.

Note: Do not count items on this line unless they are listed in this paragraph or are authorized by letter from the office of the Plant Operations Director—Results, A. T. & T. Co.

2.321 Line 62: Message registers (per 100): Count one plant item per 100 message registers. Do not count traffic registers.

2.322 Line 63: Automatic Reporting Telephone: Count one plant item per Automatic Reporting Telephone.

UPKEEP WORK UNITS
STATION EQUIPMENT - TELEPHONE

		PLANT ITEM		A	B	C
				NUMBER OF	W.U. PER	WORK UNITS
				PLANT ITEMS	PLT. ITEM	PER QUARTER
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	TELEPHONES	MAIN	BUSINESS	FLAT RATE		.656
				MESSAGE RATE		.669
			PUBLIC	PRE-PAY		4.890
				POST-PAY		3.090
			COIN	PRE-PAY		2.160
				POST-PAY		1.735
			RURAL		.699	
			RESIDENCE	INDIVIDUAL		.336
				2 PARTY		.328
		4 PARTY			.342	
		MESSAGE RATE	INDIVIDUAL		.275	
			2 PARTY		.212	
		EXTENSION	BUSINESS	FLAT RATE	.236	
				MESSAGE RATE	.286	
			RESIDENCE	FLAT RATE	.169	
		MESSAGE RATE		.140		
		COIN	PUBLIC		.241	
			SEMI-PUBLIC		.371	
		P.B.X.	BUSINESS (EXCL. HOTEL)		.444	
RESIDENCE (INCL. HOTEL)			.116			
CENTREX			.444			
TOTAL COMPANY TEL. (LINES 1 TO 23)					XX	XXX
PRIVATE LINE					.829	
KEY STATION (4 & 6 BUTTON)					.184	
27 28 29 30 31 32 33 34 35 36 37	ASSOCIATED EQUIPMENT	CALL DIRECTORS, CONSOLES, 400 TYPE KEY MTGS.	BASIC LINES OR STATIONS	12 BUTTON		.060
				18 BUTTON		.120
				30 BUTTON		.240
				40 BUTTON		.340
		KEY		3 OR 6 LINE		.940
		BOX		10 LINE AND OVER		2.850
		ORDER TURRETS OR CALL DISTRIBUTOR		1, 2, 4, ORD. REC. TABLE ETC.		4.240
				3, 6, & 1-S OR EQUIV.		9.740
				SELECTIVE SIGNAL SYSTEM (SS 1, ETC.)		2.780
		TOTAL WORK UNITS THIS COLUMN				XXX
TOTAL WORK UNITS (C 37 + F 74)						
UPKEEP HOURS ON THIS EQUIPMENT CHARGED TO ACCOUNT						

		PLANT ITEM		D	E	F		
				NUMBER OF	W.U. PER	WORK UNITS		
				PLANT ITEMS	PLT. ITEM	PER QUARTER		
38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74	ASSOCIATED EQUIPMENT	DATA-SPEED	SENDER OR RECEIVER		40.280			
		DATA-SETS	GROUP 1		1.440			
			GROUP 2		5.780			
			GROUP 3		10.327			
		#400 SWITCHING SYSTEM (PER SWITCH)					2.700	
		P.B.X.	#750 OR #785 PER LINK			3.770		
			#756 OR #761 (PER SWITCH)			2.700		
			KEY (CORDLESS) POSITION			2.610		
		MAN. NON-MULT. (CORD) POSITION			23.960			
		SPEAKERPHONE					.800	
		TEL. ANS. SETS 1A, 2A, 100A, & EQUIV.					7.140	
		BOOTH	INDOOR TYPE			2.195		
			OUTDOOR AND DRIVE-UP TYPE			3.301		
		HOME OR FARM INTERPHONE	MASTER STATION			2.030		
			DOOR UNIT OR LOUDSPEAKER			1.365		
			OTHER STATIONS			.618		
		RECORDER - CONNECTOR					1.225	
		AMPLIFIER (SEPARATELY MOUNTED)					1.930	
		LOUDSPEAKER (EXC. SPEAKERPHONE)					1.365	
SPECIAL MISC. FEATURE					.415			
CARRIER TERMINAL SET M1, P-1, & EQUIV.					.911			
ATTENDED PAY STATION POSITION					.077			
LEASED LINE TERMINATION					.304			
CODE CALLING SYSTEM					6.440			
PBX MESSAGE REGISTERS (PER 100)					2.640			
AUTOMATIC REPORTING TELEPHONE					1.671			
DROP AND BLOCK WIRE					.130			
TOTAL WORK UNITS THIS COLUMN				XXX	XX			
CITY-OFFICE		Co.-AREA						
DIST.-DIV.		QTR. ENDING						