

UPKEEP WORK UNITS
CENTRAL OFFICE EQUIPMENT — CROSSBAR NO. 1 AND NO. 5
FORM E-4404

1. GENERAL

1.001 This addendum supplements Section 015-504-010, Issue 3, dated May 1964 and supersedes Addendum (Issue 1) dated January 1965.

1.002 This addendum is issued to:

- (a) Provide work units for N2, N3, and T1 carrier equipment.
- (b) Revise Form E-4404 to include work units for T1 carrier.
- (c) Revise Alphabetical List of Frames to correct line number for Translator (AMA) in No. 1 Crossbar offices and to add Common Control Equipment-Step-by-Step Offices and equipment associated with No. 23 type positions.
- (d) Revise paragraph 1.01.
- (e) Revise paragraph 1.08.

1.003 The Form E-4404 revision is of a minor nature and the revised stock will not be available until the present stock (5-64) is exhausted. It will, therefore, be necessary to arrange locally for correcting existing Forms E-4404 (5-64).

1.004 The following changes apply to revised Form E-4404:

LINE NO.	FROM	TO
20 and 21	N Carrier	N or T Type Carrier
65 and 66	N Carrier	N or T Type Carrier

Change paragraphs 1.01 and 1.08 to read as follows:

1.01 This section describes the method of counting and reporting equipment items for No. 1 and No. 5 crossbar central offices using Form E-4404 for the purpose of (1) developing the number of full frames of equipment and (2)

determining the number of work units for this type of equipment. This section also includes the method of counting and reporting number of plant items and work units for Associated Manual Equipment and Common Control Equipment-Step-by-Step Offices.

1.08 For trunk testing work units see Form E-4417, WORK UNITS TRUNK TESTING-TELEPHONE.

2. DESCRIPTION OF FORM E-4404

The following changes apply to Part 2 of the section:

- (a) 2.27 — revised
- (b) 2.28 — revised
- (c) 2.67 — revised
- (d) 2.68 — revised

2.27 Line 20: N1, N2, N3, T1 Carrier: Terminal: An N or T type carrier terminal frame consists of the following:

N1 — Three complete systems. A system has 12 channel units and one 2-way group equipment.

N2 — Six complete systems. A system has 12 channel units and one 2-way group equipment.

N3 — Two complete systems. A system has 24 channel units, two 2-way channel group units, and one 2-way group unit.

T1 — Three complete systems. A system has 24 channel units and associated transmitting and receiving common units.

Count one frame for each full carrier terminal frame. Count E type signaling units separately. Count N3 Common Carrier Supply equipment as "Miscellaneous Relay" equipment.

2.28 Line 21: N and T Type Carrier: Repeater:

An N or T type carrier repeater frame consists, for inventory purposes, of the following:

- N — (Vacuum tube type) — 20 repeaters
(Transistorized type) — 40 repeaters
- T — 72 repeaters

Count one frame for each full N or T carrier repeater frame.

2.67 Line 65: N1, N2, N3, T1 Carrier: Terminal: An N or T type carrier terminal frame consists of the following:

- N1 — Three complete systems. A system has 12 channel units and one 2-way group equipment.
- N2 — Six complete systems. A system has 12 channel units and one 2-way group equipment.
- N3 — Two complete systems. A system has 24 channel units, two 2-way channel group units, and one 2-way group unit.
- T1 — Three complete systems. A system has 24 channel units and associated transmitting and receiving common units.

Count one frame for each full carrier terminal frame. Count E type signaling units separately. Count N3 Common Carrier Supply equipment as "Miscellaneous Relay" equipment.

2.68 Line 66: N and T Type Carrier: Repeater:

An N or T type carrier repeater frame consists, for inventory purposes, of the following:

- N — (Vacuum tube type) — 20 repeaters
(Transistorized type) — 40 repeaters
- T — 72 repeaters

Count one frame for each full N or T carrier repeater frame.

ALPHABETICAL LIST OF FRAMES

The following changes should be made on the alphabetical list:

FRAME NAME	LINE NO.
→Page 11 — Add: Amplifier, Voice Control (23 Type Position)	22
Page 11 — Carrier Repeater "N" should read: Carrier Repeater "N" Type".	21

FRAME NAME	LINE NO.
Page 11 — Add under Carrier Repeater "N": Carrier Repeater "T Type".	21
Page 11 — Carrier Terminal "N" should read: Carrier Terminal "N1, N2, N3".	20
Page 11 — Add under Carrier Terminal "N": Carrier Terminal "T Type".	20
→Page 11 — Add: Link Position (23 Type Position)	22
→Page 11 — Add: Relay, Trunk (23 Type Position)	22
→Page 11 — Add: Relay, Position, RR mounted (23 Type Position)	22
→Page 12 — Add: Traffic Supv. Control Panel (23 Type Position)	22
→Page 13 — Add: Amplifier, Voice Control (23 Type Position)	22
Page 13 — Carrier Repeater "N" should read: Carrier Repeater "N Type".	66
Page 13 — Add under Carrier Repeater "N": Carrier Repeater "T Type".	66
Page 13 — Carrier Terminal "N" should read: Carrier Terminal, "N1, N2, N3".	65
Page 13 — Add under Carrier Terminal "N": Carrier Terminal "T Type".	65
→Page 14 — Add: Link Position (23 Type Position)	22
→Page 14 — Add: Relay, Trunk (23 Type Position)	22
→Page 14 — Add: Relay, Position RR Mounted (23 Type Position)	22
→Page 14 — Add: Traffic Supv. Control Panel (23 Type Position)	22
→Page 15 — Add: Common Control Equipment — Step-by-Step Offices and the following designated frames:	
L, Automatic Test	15

FRAME NAME	LINE NO. ↴	FRAME NAME	LINE NO. ↴
Decoder Connector	47	Register Trunk and Link — Secondary	28
Foreign Area Translator	22	Register Trunk and Link — Supple- mentary Secondary	X
Originating Register and Outpulsing Controller	34	Route Relay	X
Outgoing Trunk	22	TOUCH-TONE Converter	22
Manual Test and Trouble Ticketer	15	Translator Connector	47
Register Trunk and Link — Primary	28 ↵	Translator and Decoder	46 ↵

→ Indicates change