

STEEL EQUIPMENT CABINETS
HOUSING MISCELLANEOUS EQUIPMENTS
EQUIPMENT DESIGN REQUIREMENTS
COMMON SYSTEMS

1. GENERAL

Scope

1.01 This specification, together with the supplementary information listed herein, covers the equipment design requirements to be used in the manufacture of steel cabinets for housing miscellaneous equipments.

1.02 This specification is reissued to cover the following:

(a) Provision is made to specify a front wired fuse panel per ED-91786-01, Group 2 for use in cabinets per ED-91180-01 and ED-91194-01 where an associated ground terminal is required for each battery terminal.

(b) Under cabinet per ED-91472-01, Groups 6 and 7 are removed and replaced by Group 12 for the new 101A power plant. At the same time the finish has been changed to a gray-green wrinkle enamel. Group 13 has been added for an insulating board with a matching finish. The use of 50C protectors has been discontinued and replaced by 62D protectors with 24C fuses. This permits the use of any capacity fuse desired and is in conformance with the associated drawings. The number of 17A terminal punchings has been increased from 5 to 8 to provide additional terminals for battery and ground terminations. The provision to omit one or two mounting plates in front of the fuse panel to permit easy access to the fuses is no longer necessary and is removed.

(c) Under cabinet per ED-91180-01, Group 7 is removed since the fuse panel covered by this group is Mfr. Disc. replaced by fuse panel per ED-91786-01, Group 2. Group 14 has been added to agree with the drawing providing a cabinet finished in olive-green for use with the

101E power plant. Group 15 has been added to provide for mounting 18, 19" mounting plates without a terminal strip mounting bar. Group 16 has been added to provide a cable tie bar for use where the cabinet is equipped with 18, 23" mounting plates. Groups 17 and 18 are added to provide a cabinet finished in gray-green wrinkle enamel with a wooden base to match for a 101E power plant when used with the 111A Key Equipment. Group 19 is added to provide a cabinet for 15, 2" x 23" mounting plates and finished in gray-green wrinkle. Group 20 is added for a framework for 12, 2" x 23" mounting plates and 4, 100-type terminal strips. Groups 21 and 22 are added to provide a cabinet and wooden base for 15, 2" x 23" mounting plates and finished in beige gray wrinkle. This cabinet is for use on larger 1A and 1A1 key telephone system installations. Groups 10, 11, 12, and 13 are rated "A&M Only" since these two colors are no longer standard.

(d) Under cabinet per ED-91194-01, Groups 11 and 12 are removed since the same wooden bases are specified on ED-91180-01. Group 13 is added to provide for mounting 11, 19" mounting plates without a terminal strip mounting bar. Group 14 is added to provide a cable tie bar for use when the cabinet is equipped with 11, 23" mounting plates. Group 15 is added to provide a cabinet for 9, 2" x 23" mounting plates and finished in gray-green wrinkle. Group 16 is added for a framework for 6, 2" x 23" mounting plates and 4, 100-type terminal strips. Group 17 is added to provide a cabinet for 9, 2" x 23" mounting plates and finished in beige gray wrinkle. This cabinet is for use on larger 1A and 1A1 key telephone system installations. Groups 9 and 10 are rated A&M Only since these two colors are no longer standard.

(e) The newly designed 4'-0" cabinet per ED-92185-01 as well as the 7'-0" cabinets

per ED-91940-01, ED-91941-01, ED-91981-01, ED-91982-01, and ED-91990-01 have been added.

(f) A new general use, wall or floor mounted cabinet per ED-95021-01 has been added replacing the 4 plate cabinet per ED-91472-01, Groups 2 and 3.

Capacity

1.03 The capacity, color, and method of mounting of the cabinets are as shown in Table I.

Description

1.04 These metal cabinets are designed primarily for use on customers' premises for housing the relay equipment associated with Key Equipments and Key Telephone Systems installations. They are also used for other miscellaneous uses such as housing trunk and long line equipment supplementary to P.B.X.'s.

1.05 Cabinet per ED-69158-01: This cabinet consists of a steel plate on which are mounted the angle bracket key telephone units and a black or beige-gray metal cover 7-17/32" x 6-31/32" x 3-3/8". The cover is equipped with knockouts at the top and bottom for cabling and is held in place by two screws into the base plate. Backboards per KS-5796 are available for mounting the cabinet on a vertical surface.

1.06 Cabinet per ED-91472-01: The 4-plate cabinet consists of three basic parts: (1) a combined base and back; (2) a hinged gate and (3) a cover 1'-9" x 11" x 11" to house the whole. Space is provided between the bottom of the gate and the base of the cabinet for an envelope in which drawings are stored. A space of approximately 5-1/2" is provided between the rear of the mounting plates and the back of the cabinet for the incoming cables and the local wiring. The cover is designed to slide over the base and/or back part of the cabinet either from the front or from the top to permit the base and/or back to be mounted on the wall or on the floor. When the cover is mounted from the front the cable slot is located at the bottom of the cabinet and when put on from the top the cable slot is at the back of the cabinet. A floor stand per ED-91296-01 is available for mounting two of the cabinets, one above the other, the lower cabinet being approximately 3-1/2" off the floor. Where a cabinet is to be mounted in a

steel frame or masonry building which is grounded, and for circuit reasons the cabinet is to be insulated from ground, the cabinet is mounted on a back board available for this purpose. When the cabinet is mounted on a wall the back board can also be used for this purpose. Under these conditions when lead sheathed cable is brought into the cabinet, the sheathing shall be taped at the point of entrance to prevent the cabinet from being grounded. This cabinet will accommodate both 14-1/8" and 19" units. The 14-1/8" or 19" size may have the unit terminal strips mounted on a bar external from the units with pig-tail local cables connecting the relays with the terminal strips. ED-65554-01 shows an arrangement for mounting relay units with 195 terminal strips on a "pig-tail" local cable. P-41483 is the detail used for mounting the terminal strips. The 19" size may have the unit terminal strips mounted on a wood apparatus panel at the rear of the cabinet with pig-tail local cables connecting the relays with the terminal strips. The wooden apparatus panel will also accommodate 6, 62D protectors with 24C fuses that are required under certain conditions. Also on this panel are 8, 17A terminal punchings for battery and ground terminations. The incoming wiring is run to the apparatus terminals either directly or through terminal strips. The cable between the last tie point in the back of the cabinet and where it is tied to the cable bracket on the gate is arranged with sufficient slack to permit opening the gate.

1.07 Cabinet per ED-91194-01: This cabinet is also made up of three basic parts: (1) a rear housing of sheet steel reinforced by a rim of light weight angle iron; (2) a gate made of 1-1/2" x 2" x 3/16" bent angle iron hinged to part 1, and (3) a front cover of light weight reinforced sheet steel. The cover has two metal clips for holding an envelope containing drawings. The rear housing includes a steel base extending out to the inside of the front cover. The overall dimensions are 2'-1/4" X 11' x 1'-11-1/8" exclusive of the base board. Where a cabinet is to be mounted in a steel frame or masonry building which is grounded, or for circuit reasons the cabinet is to be insulated from ground, the cabinet is mounted on a base board available for this purpose. When mounted on a wall a pair of wooden cleats 1" x 3", obtained locally, shall be used for this purpose. Under these conditions when lead sheathed cable is brought into the cabinets, the sheathing shall be taped at the point of entrance to prevent the cabinet from being grounded. A supplementary fuse panel is available

TABLE 1

DRAWING	SPEC. FIG. NO.	1-3/4" MTG. PLTS.		2" MTG. PLTS.		COLOR OF CABINET	NO. OF TERM. STRIPS		MOUNTING		REMARKS
		NO.	LENGTH	NO.	LENGTH		100 TYPE	195 TYPE	FLOOR	WALL	
ED-69158-01 (105 App. Box)	1	*4	—	—	—	Beige Gray Wrinkle Black	—	—	No	Yes	See paragraph 1.05
ED-91472-01	2	4	14-1/8	—	—	Gray Green Wrinkle Olive-Green Walnut	—	4	With Stand	Yes	See paragraph 1.06
		4	19	—	—						
ED-95021-01	3	—	—	6	**23	Beige-Gray Wrinkle Walnut	—	—	With Stand	Yes	See paragraph 1.15
ED-91194-01	4	11	14-1/8	—	—	Olive-Green Walnut Gray-Green Wrinkle Beige-Gray Wrinkle	3	11	Yes	Yes	See paragraph 1.07
		7	19	—	—		4	7			
		11	19	—	—		3	—			
		7	23	6	23		4	—			
ED-91180-01	5	11	23	9	23	Olive-Green, Walnut Gray-Green Wrinkle Beige-Gray Wrinkle	—	—	Yes	Yes	See paragraph 1.08
		18	14-1/8	—	—		5	18			
		14	19	—	—		4	14			
		18	19	—	—		5	—			
		14	23	12	23		4	—			
		18	23	15	23		—	—			
ED-92185-01	6	26	23	—	—	Dark Brown Wrinkle Gray-Green Wrinkle	—	—	Yes	No	Door on front, lift-out panel on rear. See paragraph 1.14
		—	—	23	23						
ED-91981-01	7	45	23	—	—	Lt. Brown Wrinkle Gray Gray-Green Wrinkle	—	—	Yes	No	Doors front and rear. See paragraph 1.09
		—	—	40	23						
ED-91982-01	8	—	—	40	30-1/2	Gray, Lt. Brown Wrinkle, Gray-Green Wrinkle	—	—	Yes	No	Doors front and rear. See paragraph 1.10
ED-91990-01	9	45	23	—	—	Gray Lt Brown Wrinkle Gray-Green Wrinkle	—	—	Yes	No	Door on rear. Eqpt. front mounted. See paragraph 1.11
ED-91954-01	—	45	19	—	—	Gray	—	—	Yes	No	Door on rear. Eqpt. front mounted. See paragraph 1.16
ED-92140-01	—	45	19	—	—	Light Gray	—	—	Yes	No	Doors front and rear. See paragraph 1.12
ED-92141-01	—	45	19	—	—	Gray, Light Gray	—	—	Yes	No	Door on rear - partial front door, Eqpt. front & inside mtd. See paragraph 1.13

* Arranged to mount 4, 1-3/4" or 2, 3-1/2" angle bracket key telephone units or a combination of the two.

** Also arranged to mount station systems unit panels.

for mounting in these cabinets. The capacity of this fuse is 25, individual 35-type fuses and associated ground terminals. The fuse panel is mounted on the back of the cabinet and is arranged for wiring from the front. The cabinet will accommodate 14-1/8", 19" and 23" units, 1-3/4" wide or 23" units, 2" wide. The 14-1/8" and 19" units may have their terminal strips mounted on a bar external from the units with pig-tail local cables connecting the relays with the terminal strips. Facilities are also provided for mounting 100-type terminal strips for cross-connecting purposes. The incoming cable is normally terminated at the 100-type terminal strips and local wiring is run between the terminal strips and the relay units. At the units these leads are connected directly to the apparatus terminals or to terminal strips on the units when provided. The local wiring is run through a series of distributing rings with sufficient slack between the last ring and the cable tie bar on the gate to permit the gate to be opened. With this arrangement cross-connecting may be done within the cabinet rather than in a separate cross-connecting box.

1.08 Cabinet per ED-91180-01: The construction and use of this cabinet is the same as the cabinet described in paragraph 1.07 except that the height has been increased to accommodate 18, 1-3/4" mounting plates or 15, 2" mounting plates. The overall dimensions then are 2'1-1/4" x 11" x 2'11-1/4".

1.09 Cabinet per ED-91981-01: This cabinet consists basically of a welded framework assembly to which are attached end panels, front and rear doors, mounting angle, and roof panel. The overall dimensions are 2'2-1/4" x 1'5" x 6'11-7/8". The framework assembly has four vertical corner rails to which are welded horizontal corner rails, gusset plates, and cross braces. The vertical mounting angle is attached to the cross braces providing a space of approximately 7-1/4" from the face of the angle to the inside of the front door. The front and rear doors are mounted on the framework and are hinged at the right. On the left side of the doors is a handle and latch assembly for holding the doors closed. Cabling is brought into the cabinet through the roof panel. This panel comes equipped with two square holes; one being covered with a flat metal plate and the other with a cable entrance seal. The plate and seal are interchangeable to allow cables to enter the cabinet either on the right or left side. The seal consists of a holder with a cellulose seal that

when cut to approximately 2/3 of the area of the cables, dampened, and placed around the cables and secured to the roof panel, the seal will conform to the shape of the cables. When the seal dries the shape is maintained thus excluding dust from the cabinet. When two or more cabinets are installed in a line, provision is made to bolt adjacent cabinets together to form a solid bank.

1.10 Cabinet per ED-91982-01: This cabinet is identical to the cabinet described under paragraph 1.09 except that it is arranged to mount 40, 30-1/2" x 2" mounting plates and the width extended to 2'9-3/4". In addition there are twin doors front and rear and the roof panel is equipped with two sets of cable seals.

1.11 Cabinet per ED-91990-01: This cabinet is identical to the cabinet described in paragraph 1.09 except that it is equipped with one door at the rear with the front arranged for face mounted equipment.

1.12 Cabinet per ED-92140-01: This cabinet is similar in construction to the cabinet described in paragraph 1.09 except that the width has been decreased to accommodate 45, 1-3/4" x 19" mounting plates. The overall dimensions are 1'10-1/4" x 1'5" x 7'0". In addition the door assemblies are equipped with recessed handles.

1.13 Cabinet per ED-92141-01: This cabinet is similar in construction to the cabinet described in paragraph 1.09 except that the width has been decreased to accommodate 45, 1-3/4" x 19" mounting plates both on the face and inside. The overall dimensions are 1'10-1/4" x 1'5" x 7'0". In addition the door assemblies are equipped with recessed handles.

1.14 Cabinet per ED-92185-01: The construction of this cabinet is similar to the cabinet described in paragraph 1.09 except that the height has been decreased to accommodate 26, 1-3/4" x 23" or 23, 2" x 23" mounting plates. The overall dimensions then are 2'2-1/4" x 1'5" x 4'4". A door, hinged at the right, is provided in the front and a lift-out panel at the rear. Cable entrance holes are provided at the bottom of the right panel. It is possible, by rearranging the side panels, to have the cable holes at either the top or bottom on either side.

1.15 Cabinet per ED-95021-01: The 6-plate or unit panel cabinet consists of four basic parts: (1) a backboard; (2) a back plate; (3) a hinged gate; and (4) a cover 2'1-13/16" x 1'4-3/16" x 9-3/16" to house the whole. The back plate is a formed metal part arranged to mount on the wooden backboard, provided as part of the cabinet. The gate is a welded structure of square tubing and rolled angles drilled for mounting plates or of rolled angles drilled to accommodate Station Systems unit panels. Attached to the gate are guides for positioning the cover in place. The cover consisting of two die-cast end pieces and a sheet metal center piece, is held in place with Shakeproof fasteners. Provision is made to mount terminal blocks on the back plate for the termination of battery and ground leads. Since the wooden backboard is always provided as a part of the cabinet, the cabinet is insulated from ground. In those cases where lead sheathed cable is used, the sheathing shall be taped at the point of entrance to prevent the cabinet from being grounded. When it is not practical to mount the cabinet on a wall a floor stand per ED-95023-01, with a capacity for one cabinet, is available. The incoming cables enter the cabinet at the bottom left and are terminated on the units with sufficient slack in the cable arms to permit the gate to be opened. Such a cabling plan is shown in Fig. 10.

1.16 Cabinet per ED-91954-01: This cabinet is identical to the cabinet described under paragraph 1.09 except that it is equipped with one door at the rear with the front arranged for face mounted equipment and is arranged for 45, 1-3/4" x 19" mounting plates. The overall dimensions are 1'9-1/2" x 1'5" x 7'-0".

Subdivisions of Equipment

ED-69158-01—105-Type Apparatus Box
 ED-91180-01—Steel Cabinet—18 Plate Capacity
 ED-91194-01—Steel Cabinet—11 Plate Capacity
 ED-91296-01—Floor Stand for Mounting 2, 4 Plate Cabinets
 ED-91472-01—Steel Cabinet—4 Plate Capacity
 ED-91786-01—Fuse Panels
 ED-91954-01—Steel Cabinet—45, 1-3/4" x 19" Plates—Equipment on Front—Door at Rear
 ED-91981-01—Steel Cabinet—45, 1-3/4" x 23" Plates or 40, 2" x 23" Plates—Door Front and Rear
 ED-91982-01—Steel Cabinet—40, 2" x 30-1/2"

Plates—Twin Doors Front and Rear
 ED-91990-01—Steel Cabinet—45, 1-3/4" x 23" Plates—Equipment on Front—Door at Rear
 ED-92140-01—Steel Cabinet—45, 1-3/4" x 19" Plates—Mounted Inside Cabinet—Door on Front and Rear
 ED-92141-01—Steel Cabinet—45, 1-3/4" x 19" Plates—Mounted Both on Face and Inside Cabinet
 ED-92185-01—Steel Cabinet—26, 1-3/4" x 23" Plates—Door at Front—Lift-out Panel at Rear
 ED-95021-01—Steel Cabinet—6, 2" x 23" Plates
 ED-95023-01—Floor Stand for Mounting One Cabinet per ED-95021-01

2. SUPPLEMENTARY INFORMATION

800-600-000—List of General Equipment Requirement Sections
 801-000-000—Equipment Design and General Equipment Requirements and Engineering Information—Common Systems
 KS-5796—Back Boards—For Cabinets and Apparatus Boxes

3. DRAWINGS

Framework

ED-65554-01—Method of Mounting Relay Units with 195 Terminal Strips in the 4-Plate Metal Apparatus Cabinet per ED-91472-01
 ED-69158-01—105-Type Apparatus Box
 ED-91180-01—Steel Cabinet—Capacity 18, 14-1/8", 19", or 23" Mounting Plates
 ED-91194-01—Steel Cabinet—Capacity 11, 14-1/8", 19" or 23" Mounting Plates
 ED-91296-01—Steel Floor Stand for Mounting 2, 4-Plate Cabinets per ED-91472-01
 ED-91472-01—Steel Cabinet—Capacity 4, 14-1/8" or 19" Mounting Plates
 ED-91786-01—Fuse Panels
 ED-91954-01—Steel Cabinet—Capacity 45, 1-3/4" X 19" Mounting Plates—Equipment on Front, Door at Rear
 ED-91981-01—Steel Cabinet—Capacity 45, 1-3/4" x 23" or 40, 2" x 23" Mounting Plates—Doors Front and Rear
 ED-91982-01—Steel Cabinet—Capacity 40, 2" x 23" Mounting Plates—Twin Doors Front

- and Rear
- ED-91990-01—Steel Cabinet—Capacity 45, 1-3/4" x 23" Mounting Plates—Equipment on Front, Door at Rear
- ED-92140-01—Steel Cabinet—45, 1-3/4" x 19" Plates—Mounted Inside Cabinet—Door on Front
- ED-92141-01—Steel Cabinet—45, 1-3/4" x 19" Plates—Mounted Both on Face and Inside Cabinet
- ED-92185-01—Steel Cabinet—Capacity 26, 1-3/4" x 23" Mounting Plates—Door at Front, Lift-Out Panel at Rear
- ED-95021-01—Steel Cabinet—Capacity 6, 2" x 23" Mounting Plates or Station Systems Unit Panels
- ED-95023-01—Metal Stand—For One Cabinet per ED-95021-01

Cablings

- ED-91196-01—Cabling 11 and 18 Plate Cabinets
- ED-91302-01—Cabling 4 Plate Cabinet
- ED-92155-01—Cable Racks—Typical—For Use with 7'-0" Cabinets
- ED-95022-01—Cabling 6 Plate or Unit Panel Cabinet

4. EQUIPMENT

ED-69158-01—105-Type Apparatus Box

- Group 1*—A&M Only—One 105A Apparatus Box—Black
- Group 2*—A&M Only—One 105AW Apparatus Box—Black
- Group 3*—One 105B Apparatus Box—Beige-Gray Wrinkle
- Group 4*—One 105BW Apparatus Box—Beige-Gray Wrinkle

ED-91180-01—18 Plate Steel Equipment Cabinet

- Group 3*—Framework, screws, and nuts for mounting 14, 19" mounting plates, 14, 195-type terminal strips and 4, 100-type terminal strips
- Group 4*—Framework, screws, and nuts for mounting 18, 19" mounting plates and 5, 100-type terminal strips
- Group 5*—Framework, screws, and nuts for mounting 18, 14-1/8" mounting plates, 18, 195-type terminal strips and 5, 100-type terminal strips
- Group 6*—Framework, screws, and nuts for mounting

14, 23" mounting plates and 4, 100-type terminal strips

Group 9—Framework, framework mounting screws and nuts, for mounting 18, 19" mounting plates and 18, 195-terminal strips

Group 10—A&M Only—One cabinet complete—less wooden base and 4 carriage bolts and nuts—488A olive green finish

Group 11—A&M Only—One cabinet complete—less wooden base and 4 carriage bolts and nuts—512A walnut lacquer finish

Group 12—A&M Only—One wooden base and 4 bolts, nuts and washers for fastening cabinet to base—488A olive green finish

Group 13—A&M Only—One wooden base and 4 bolts, nuts and washers for fastening cabinet to base—512A walnut lacquer finish

Group 14—One cabinet complete, less wooden base and 4 carriage bolts and nuts—488A olive green finish

Group 15—Framework, framework mounting screws and nuts, for mounting 18, 19" mounting plates less terminal strip mounting bar

Group 16—Cable tie bar and mounting screws

Group 17—One cabinet complete, less wooden base and 4 carriage bolts and nuts—575A gray-green wrinkle finish

Group 18—One wooden base and 4 bolts, nuts, and washers for fastening cabinet to base—122D gray-green finish

Group 19—One cabinet complete for 15, 2" x 23" mounting plates, less wooden base and 4 carriage bolts and nuts—575A gray-green wrinkle enamel finish

Group 20—Framework, framework mounting screws and nuts, for 12, 2" x 23" mounting plates and 4, 100 terminal strips per Fig. 9

Group 21—One cabinet complete for 15, 2" x 23" mounting plates, less wooden base and 4 carriage bolts and nuts—606A beige gray wrinkle finish

Group 22—One wooden base and 4 bolts, nuts, and washers for fastening cabinet to base 122AB beige gray finish

ED-91194-01—11 Plate Steel Equipment Cabinet

Group 3—Framework, screws, and nuts for mounting 7, 19" mounting plates, 7, 195-type terminal strips and 4, 100-type terminal strips

Group 4—Framework, screws, and nuts for mounting

- 11, 19" mounting plates and 3, 100-type terminal strips
- Group 5**—Framework, screws, and nuts for mounting 11, 14-1/8" mounting plates, 11, 195-type terminal strips, and 3, 100-type terminal strips
- Group 6**—Framework, screws, and nuts for mounting 7, 23" mounting plates and 4, 100-type terminal strips
- Group 7**—Framework, screws, and nuts for mounting 11, 14-1/8" mounting plates and 2, 193-type terminal strips
- Group 8**—Framework, framework mounting screws and nuts, for mounting 11, 19" mounting plates and 11, 195-terminal strips
- Group 9**—A&M Only—One cabinet complete less wooden base and 4 carriage bolts and nuts—488A olive green finish
- Group 10**—A&M Only—One cabinet complete less wooden base and 4 carriage bolts and nuts—512A walnut lacquer finish
- Group 13**—Framework, framework mounting screws and nuts for mounting 11, 19" mounting plates less terminal strip mounting bar
- Group 14**—Cable tie bar and mounting screws
- Group 15**—One cabinet complete for 9, 2" x 23" mounting plates, less wooden base and 4 carriage bolts—575A gray-green wrinkle enamel finish
- Group 16**—Framework, framework mounting screws and nuts, for 6, 2" x 23" mounting plates and 4, 100 terminal strips per Fig. 7
- Group 17**—One cabinet complete for 9, 2" x 23" mounting plates, less wooden base and 4 carriage bolts—606A beige-gray wrinkle finish

ED-91296-01—Floor Mounting Stand for 4 Plate Cabinet

- Group 2**—One floor mounting stand complete with screws for mounting 2 cabinets—488A olive green finish
- Group 3**—One floor mounting stand complete with screws for mounting 2 cabinets—512A walnut lacquer finish

ED-91472-01—4 Plate Steel Equipment Cabinet

- Group 1**—Supplementary details for mounting 4, 14-1/8" x 1-3/4" mounting plates and 4, 195-terminal strips in cabinet per Groups 2 or 3

- Group 2**—One cabinet complete with cover arranged to mount 4, 19" x 1-3/4" mounting plates—olive green 488A finish
- Group 3**—One cabinet complete with cover arranged to mount 4, 19" x 1-3/4" mounting plates—walnut 512A finish
- Group 4**—One insulating board—olive green finish
- Group 5**—One insulating board—walnut finish
- Group 8**—One cabinet complete with cover for transmitting external alarms—river level measuring equipment—olive green 488A finish
- Group 9**—One cabinet complete with cover arranged to mount message resistors—for time announcement system—olive green 488A finish
- Group 10**—A&M Only—One cabinet complete with cover arranged to mount 4, 19" x 1-3/4" mounting plates—aluminum gray 476A finish
- Group 11**—A&M Only—One wood insulating board—aluminum gray 476A finish
- Group 12**—One cabinet complete with cover for 10-15 ampere hour 15-19 volt, 10 ampere hour 17-21 volt, 19-24 volt, or 21-26 volt power plant—gray-green wrinkle finish
- Group 13**—One insulating board—gray-green finish

ED-91786-01—Fuse Panels

- Group 2**—One 25 fuse capacity single row fuse panel, with ground terminals

ED-91954-01—Steel Cabinet—45, 1-3/4" X 19" Mounting Plates—Mounted at Front—Door at Rear

- Group 1**—One cabinet without end panels arranged for 45, 1-3/4" x 19" mounting plates mounted at front and 22, 1-3/4" x 19" mounting plates mounted inside cabinet—gray finish
- Group 2**—One set of end panels for one end of cabinet per G1—gray finish

ED-91981-01—Steel Cabinet—45, 1-3/4" x 23" or 40, 2" x 23" Mounting Plates—Door Front and Rear

- Group 1**—One cabinet for 45, 1-3/4" x 23" mounting plates—doors without louvres—gray finish
- Group 2**—One cabinet for 45, 1-3/4" x 23" mounting

- plates—doors with louvres—gray finish
- Group 3**—One cabinet for 45, 1-3/4" x 23" mounting plates—doors without louvres—brown wrinkle finish
- Group 4**—One cabinet for 45, 1-3/4" x 23" mounting plates—doors with louvers—brown wrinkle finish
- Group 5**—One cabinet for 45, 1-3/4" x 23" mounting plates—doors without louvres—gray-green wrinkle finish
- Group 6**—One cabinet for 45, 1-3/4" x 23" mounting plates—doors with louvres—gray-green wrinkle finish
- Group 7**—One cabinet for 40, 2" x 23" mounting plates—doors without louvres—gray finish
- Group 8**—One cabinet for 40, 2" x 23" mounting plates—doors with louvres—gray finish
- Group 9**—One cabinet for 40, 2" x 23" mounting plates—doors without louvres—gray-green wrinkle finish
- Group 10**—One cabinet for 40, 2" x 23" mounting plates—doors with louvres—gray-green wrinkle finish

**ED-91982-01—Steel Cabinet—40, 2" x 30-1/2"
Mounting Plates—Twin Doors
Front and Rear**

- Group 1**—One cabinet for 40, 2" x 30-1/2" mounting plates—doors without louvres—gray finish
- Group 2**—One cabinet for 40, 2" x 30-1/2" mounting plates—doors with louvres—gray finish
- Group 3**—One cabinet for 40, 2" x 30-1/2" mounting plates—doors without louvres—brown wrinkle finish
- Group 4**—One cabinet for 40, 2" x 30-1/2" mounting plates—doors with louvres—brown wrinkle finish
- Group 5**—One cabinet for 40, 2" x 30-1/2" mounting plates—doors without louvres—gray-green wrinkle finish
- Group 6**—One cabinet for 40, 2" x 30-1/2" mounting plates—doors with louvres—gray-green wrinkle finish
- Group 7**—One cabinet for 40, 2" x 30-1/2" mounting plates—front doors without louvres—solid rear panel—gray finish

**ED-91990-01—Steel Cabinet—45, 1-3/4" x 23"
Mounting Plates Mounted at
Front Door at Rear**

- Group 1**—One cabinet for 45, 1-3/4" x 23" mounting plates mounted at front-door without louvres—gray finish
- Group 2**—One cabinet for 45, 1-3/4" x 23" mounting plates mounted at front—door without louvres—brown wrinkle finish
- Group 3**—One cabinet for 45, 1-3/4" x 23" mounting plates mounted at front—arranged for cable duct—door without louvres—gray finish
- Group 4**—One cabinet for 45, 1-3/4" x 23" mounting plates mounted at front—door with louvres—gray finish
- Group 5**—One cabinet for 45, 1-3/4" x 23" mounting plates mounted at front—door with louvres—brown wrinkle finish
- Group 6**—One cabinet for 45, 1-3/4" x 23" mounting plates mounted at front—arranged for cable duct—door with louvres—gray finish
- Group 7**—One cabinet for 45, 1-3/4" x 23" mounting plates mounted at front—door without louvres—gray-green wrinkle finish
- Group 8**—One cabinet for 45, 1-3/4" x 23" mounting plates mounted at front—door with louvres—gray-green wrinkle finish

**ED-92140-01—Steel Cabinet—45, 1-3/4" x 19"
Mounting Plates—Mounted Inside
Cabinet**

- Group 1**—One cabinet with 572F light aluminum gray lacquer finish

**ED-92141-01—Steel Cabinet—45, 1-3/4" x 19"
Mounting Plates—Mounted Both
on Face and Inside**

- Group 1**—One cabinet with partial front doors and full rear door arranged for 45 plates with 8 on face between doors and remainder inside—525A gray enamel finish
- Group 2**—One cabinet with partial front doors and full rear door arranged for 45 plates with 8 on face between doors and remainder inside—light gray finish
- Group 3**—One cabinet with partial front door and full rear door arranged for 45 plates

with 23 on face above door and remainder inside—light gray finish

ED-92185-01—Steel Cabinet—Capacity 26, 1-3/4" x 23" Mounting Plates or 23, 2" x 23" Mounting Plates—Door at Front—Lift-out Panel at Rear

Group 2—One cabinet for 23, 2" x 23" mounting plates—door without louvres—gray-green wrinkle finish

Group 3—One cabinet for 26, 1-3/4" x 23" mounting plates—door without louvres—dark brown wrinkle finish

Group 4—One cabinet for 26, 1-3/4" x 23" mounting plates—door without louvres—gray-green wrinkle finish

Group 5—Material for modifying a G1 or G2 cabinet to add cowl fasteners in rear lift-out panel

ED-95021-01—Metal Equipment Cabinet—Capacity 6, 2" x 23" Mounting Plates or for Station Systems Unit Panels

Group 1—One cabinet, less cover, for mounting 6, 2" x 23" mounting plates

Group 2—One cabinet, less cover, for mounting station systems unit panels

Group 3—One cover for G1 or G2 without sound absorbing material—beige-gray wrinkle finish

Group 4—One cover for G1 or G2 without sound absorbing material—walnut finish (non-stock item)

Group 5—One cover for G1 or G2 with sound absorbing material—beige-gray wrinkle finish

Group 6—One cover for G1 or G2 with sound absorbing material—walnut finish (non-stock item)

ED-95023-01—Metal Stand for One 6 Plate Cabinet

Group 2—One metal stand complete with screws for mounting one 6 plate cabinet—dark gray finish

Group 3—One metal stand complete with screws for mounting one J86731A, L4 power plant—dark gray finish

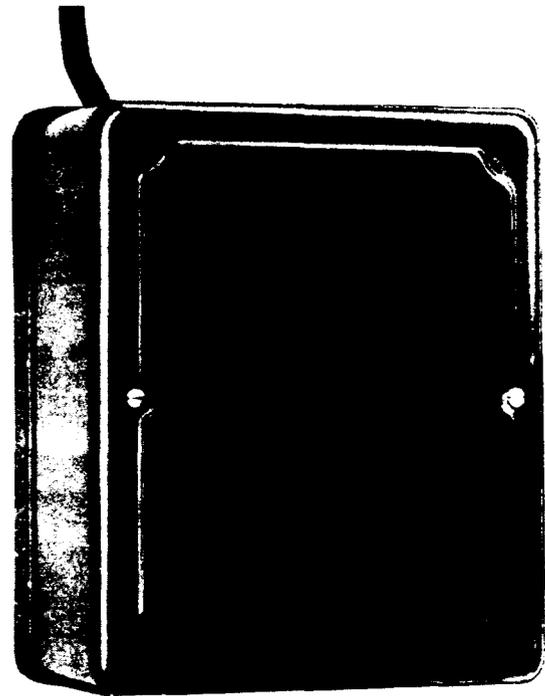


Fig. 1—105-Type Apparatus Box—Front View

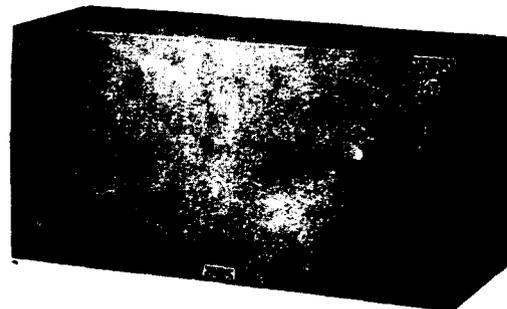


Fig. 2—4-Plate Equipment Cabinet per ED-91472-01—Cover Removed—Front View



Fig. 3—6-Plate or Unit Panel Equipment Cabinet per ED-95021-01—Front View



Fig. 4—11-Plate Equipment Cabinet per ED-91194-01—Cover Removed—Front View



Fig. 5—18-Plate Equipment Cabinet per ED-91180-01—Front View



Fig. 6—4'-0" Cabinet per ED-92185-01—Left-Out Panel Removed



Fig. 7—7'-0" Cabinet per ED-91981-01 Arranged for 23" Mounting Plates—Front View

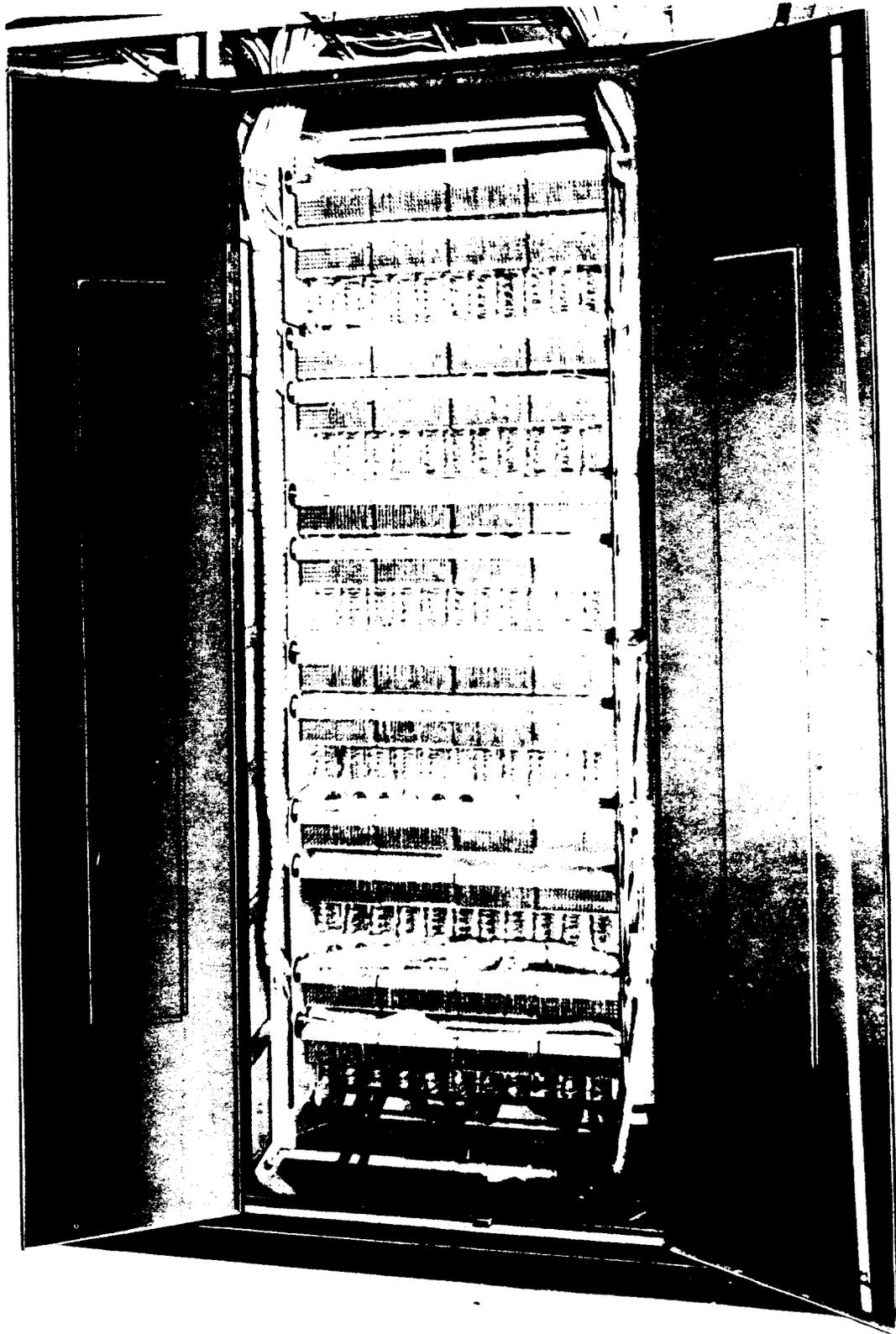


Fig. 8—7'-0" Cabinet per ED-91982-01—Also Arranged for 30-1/2" Mounting Plates—Rear View



Fig. 9—7'-0" Cabinet per ED-91990-01—Front View

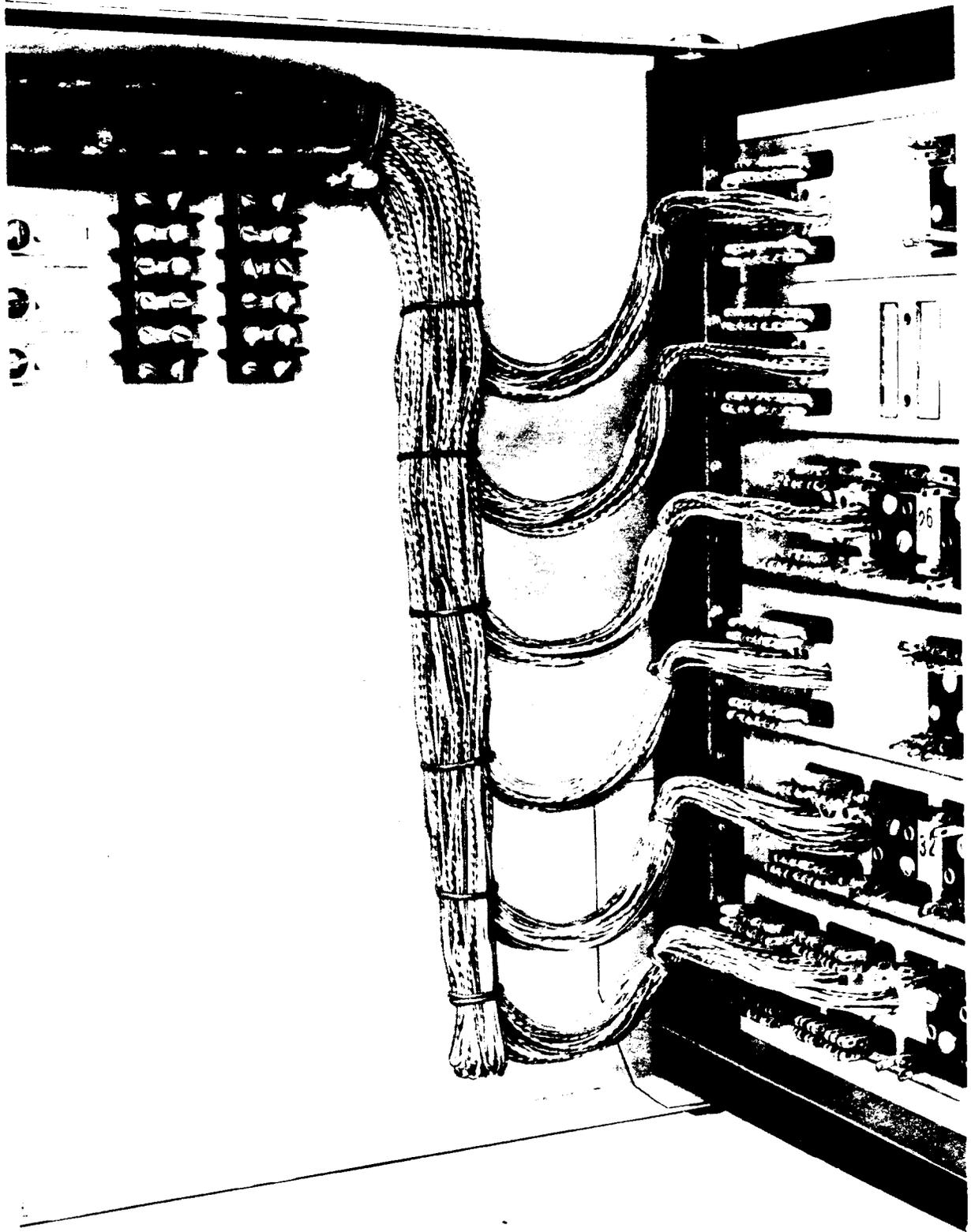


Fig. 10—Cabling of Units in 6-Plate Cabinet per ED-95021-01—Gate Open—Front View

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