PBX SWITCHBOARD CARD RECORD

CONTENTS

1. GENERAL

1.01 This section describes the recommended PBX switchboard record card, which has the following functions:

(a) It provides information with respect to the equipment of the switchboard and with respect to the battery supply arrangements which is needed for current assignments. For instance, when service orders are received covering additional stations or trunks, any required additions to the battery supply may be determined and assigned, and any equipment additions which are required to accommodate the stations or trunks may be determined and arranged for, thus minimizing the number of field visits.

(b) It provides information used in compiling mortality records.

1.02 This record card should generally be maintained in the Subscriber Plant Assignment Office. In certain cases it may as an alternative be maintained in the Division Equipment Engineer's Office.

1.03 The record card recommended is Form E-2497, which is illustrated in Figs. 1-a and 1-b, showing the front and back, respectively.

1.04 This card is designed primarily for use as the record for non-multiple switchboards. The basic record of multiple switchboards with respect to equipment detail and with respect to mortality information is generally maintained by the equipment engineer and the Form E-2497 is not adequate for this record. However, a reference Form E-2497 card may be placed in the Assignment Office file for each multiple switchboard, this card to have only such entries as will be useful to the Assignment Office, leaving the remaining information to be secured from the equipment engineer or the Traffic Department. This card would include an entry of the serial number, if any, by which the multiple switchboard is designated on Engineering, Accounting or other records.

1.05 The Form E-2497 may also be used as the record of a #750 dial PBX.

1.06 For a non-multiple switchboard which has two positions, a separate card should be maintained for each position.

1.07 The face of the card provides spaces for the entry of, (a) information relating to the identity of the switchboard, including the telephone number, subscriber's name and address, transmission zone code and the switchboard size, type, finish, etc., (b) equipment details, (c) mortality and related information, (d) battery supply information, and (e) miscellaneous data.

1.08 The back of the card provides a grid, the use of which is optional, for showing subsidiary detail, including an indication of which particular jacks are equipped, in use, etc. It is probable that, in general, this subsidiary information will not be needed, and that therefore the back of the form can generally be left unused.

1.09 The more permanent entries should be typed, and the other entries be made with a 4H pencil.

1.10 Specimen entries illustrating the nature of the information are shown in Figs. 2, 3-a and 3-b. Additional details as to the information to be shown on the card are given in the following paragraphs. No reference is made therein to items which are entirely self-explanatory.

2. TELEPHONE NUMBER, NAME, ADDRESS, TYPE OF SWITCHBOARD, ETC.

2.01 TEL. NO. Two spaces have been provided for "Tel. No." (telephone number), one on the 5 inch dimension and one on the 8 inch dimension, to permit of filing on either edge according to the type of filing equipment desired or which is already available.

2.02 TAX DIST. This space should be used only where required. Where the central office designation or the name of the city is sufficiently indicative, no entry is required.

2.03 PBX SER. NO. This space is provided in which to enter the serial number in the case of a board which is identified by a local serial number on the Engineering, Accounting Department, or other records.

2.04 POS. NO. (Position Number). An entry should be made in this space in only those cases where the PBX has two positions. In such cases there is a separate card for each position.

3. JACK AND CORD EQUIPMENT

3.01 PENDING ORD. NO. In this space enter the number of any pending order. This entry is helpful in connection with any consideration of the switchboard during the pending period, and affords a means of following up the order to ensure that the record is properly posted after completion or cancellation.

3.02 Grids Headed "STATION JACK SPACE," "TK JACK SPACE," and "CORD CKTS. (PAIRS)." These grids indicate the number of station jacks, trunk jacks and cord pairs which are equipped, and the number in use. The initial entries in the "EQUIPPED" line will be obtained from the requisition for the switchboard or other appropriate source. Changes in these entries will be made as required to reflect subsequent work.

OFF. PREM. STAS.

This column relates to off-premises stations.

TIE TKS AND TOLL TERS

It will be noted that columns headed "TIE TKS" and "TOLL TERS" (LD LOOPS) appear in both the "STATION JACK SPACE" and the "TK JACK SPACE." Local practices with respect to the location of these circuits in the switchboard will determine which of these two sets of columns shall be used. In some cases the same circuit detail is used for tie trunks and for toll terminals (LD Loops), but separate columns therefor are provided, as separate information for each appears desirable.

TULS (Turret Lines)

This column relates to a turret line which is employed as a circuit between a PBX and an order turret. The reason for separately recognizing these lines even though they have no special wiring is to have a record of them for supervisory and inventory purposes.

CENT. OFC. TKS.

In this column there are included both the regular central office trunks and foreign exchange trunks.

STAS.

In this column the space opposite the caption "IN USE" is sub-divided by a diagonal line. In the bottom half of this space should be entered the number of primary stations, i.e., those connected directly to the switchboard other than off-premises stations. In the top half should be entered the number of stations which are "bridged" on the same lines with these primary stations.

EQUIPPED

On the line labeled "EQUIPPED" should be entered in the appropriate columns the number of the equipments in the switchboard. With respect to the "CORD CKTS (PAIRS)" column, the entry should relate to the number of cord circuits fully equipped, irrespective of whether or not the cords themselves have been installed.

IN USE

On the line "IN USE" there should appear in the appropriate columns the number in use.

ADD TO OR SUBTRACT FROM THE "IN USE" FIGURE

The line so labeled is for temporary entries of the number of equipments which will be put into use or disconnected by the completion of orders which are pending. The entry should consist of a plus or minus sign, followed by the number concerned. See exhibits for illustrations. After the service order has been completed, a copy should route through the assigner for treatment of the record, including the necessary changes in the "IN USE" figure and the erasure of the temporary entry.

4. CIRCUIT DETAIL INFORMATION

4.01 The grid headed "ADDITIONAL CIRCUIT DETAIL, WHERE REQUIRED, FOR LINES IN GRID ABOVE," is provided for any additional circuit detail which may be required.

4.02 The captions on the left of the grid are descriptive of the lines commonly connected to a PBX switchboard. The captions have been placed near the dividing line in each case in order to permit of crossing them out and substituting other entries, if required.

4.03 The grid is divided into three parts, each having the same set of column headings. This arrangement was made in order that as many as three different circuit

drawings may be indicated for each kind of line. It is probable that in most cases a given kind of line will have only one drawing number. An exception may be that of tie trunks and toll terminals (LD Loops). If there be cases where there are two or more tie trunks in service and the drawing numbers are not identical for all of them, or two or more toll terminals having drawing numbers which are not identical for all of them, the entries for these lines in the "IN USE" columns should include a notation of the line numbers. This identification is of value, particularly as the means of determining what kind of circuit is released when one of these lines is disconnected.

4.04 The method of indicating in this grid a change in the number of lines equipped or in use which will be effected by a pending service order will be to draw a line through the figure now there and enter the new figure to one side. When the order has been completed, the new entry will replace the former entry. When a disconnect order for the only line in use is completed, the "IN USE" space for that line would be made blank.

5. BATTERY SUPPLY

5.01 Among the spaces under the heading "BATTERY SUPPLY" are spaces in which to enter the lengths, gauges, and resistance information for cables through which the battery supply feeder or battery charging feeder is routed. This feeder may be (a) direct feeder from the central office to the PBX, or (b) charging feeder from the central office to a PBX storage battery individual to the PBX, or (c) feeder from a centralized floater battery (i.e. one serving two or more PBX switchboards) to the PBX. The cables to be shown on the card are in the case of (a) and (b) the cables from the central office to the PBX, and in the case of (c) the House and PBX cables from the centralized floater battery to the PBX.

Note: The battery charging feeder from the central office to a centralized floater battery would not be shown on the card relating to an individual PBX, but would be shown on a separate card devoted to the centralized floater battery itself.

5.02 These spaces for the cable and resistance information are arranged in four columns, three of which are labeled and designed for information with respect to Underground (U.G.), House (HSE) and PBX cable, respectively. The other column without a heading is to accommodate any other cable through which the feeders are routed, such as an aerial or block cable, and when so used should have the appropriate heading entered in longhand.

5.03 The gauge or gauges should be entered in the "GA" column, and opposite each of these gauge entries there should be entered in the appropriate column or columns the length (in feet) of the cable as related to each gauge.

5.04 In the column or columns headed "R PER COND" should be entered the resistance of one conductor for each of the lengths and gauges concerned. The resistance figure so entered should represent the resistance of the conductor on a one-way (non-looped) basis, irrespective of whether the feeder operates to a ground at the PBX premises or to a central office ground. Column totals for the "R PER COND" are entered opposite "TOTAL."

5.05 Below the "TOTAL" line are four groups of spaces, three spaces per group. Each group is for information relating to one cable. For instance the first group, which is subordinate to the over-all heading U.G., is for the underground cable. Included in the heading of each of these spaces are two lines reading "CONDS" (or COND) and "LOOPS" (or LOOP), respectively. If in the cable in question the feeder is on a loop basis, the abbreviation "CONDS" (and COND) should be crossed off in the heading of each of the three spaces relating to the cable, leaving the words "LOOPS" (and LOOP) as the designations. This would be the case for all cables concerned if the feed is metallic from the central office, i.e., back to a central office ground. Also, the designations "LOOPS" and "LOOP" would apply to the House cable and the PBX cable if the feed is from the central office to the PBX and back to a ground in the cross-connection box in the basement. By contrast, if in the cable in question the feeder works through the cable on a non-looped basis, i.e., out to a ground at the end of or beyond that cable, the words "LOOP" and "LOOPS" should be crossed off in the heading of each of the three spaces, relating to that cable, leaving the abbreviations "COND" and "CONDS" (meaning "Conductors") as the designations.

As an alternative to the crossing out method described in the preceding, the indication of whether "COND" or "LOOP" applies may in many cases be indicated by entering a check mark in the space at the left-hand end of the "CONDS" line or the left-hand end of the "LOOPS" line as appropriate. This alternative method is available in those cases where only one of the designations, "COND" or "LOOP," applies to all columns across the card.

5.06 In each of the space groups discussed in the preceding paragraph, the first space is headed "NO IN FEEDER." In this space should be entered the number of conductors or the number of loops, as appropriate, depending upon whether the heading which remains after the crossing off de-

scribed in the preceding paragraph reads "CONDS" or reads "LOOPS." That is, if the heading is "CONDS" the entry should be the number of conductors which the feeder occupies in the cable concerned. If, however, the heading is "LOOPS" the entry should be the number of pairs which the feeder occupies.

5.07 In the next space to the right, headed "TOT. R EACH" should be entered the ohms resistance for each underground cable conductor or for each loop, as appropriate.

5.08 In the next space further to the right, headed "R OF FEEDER" should be entered a figure secured by dividing the entry in the "TOT. R EACH" space by the entry in the "NO. IN FEEDER" space.

5.09 Below the line of spaces discussed in the preceding paragraphs is a line marked at its left-hand end with the label "FEEDER R." The several spaces on this line are used for summarizing the feeder resistance. In the first space, marked "IN ALL CABLES," should be entered the sum of the feeder resistances for all of the cables i.e., the sum of the entries in the "R OF FEEDER" spaces on the next line above on the form. In the next space to the right, marked "IN CENT. OFC." should be entered the resistance of the central office portion of the feeder circuit. In the third space, marked "IN CABLES + C.O." should be shown the sum of the entries in the two preceding spaces. In the space at the right, marked "MAX. ALLOW." should be entered the maximum allowable resistance for the battery feeder.

5.10 The space on the next line below labeled "PBX OR BUILDING BATTERY" is for the entry of the PBX battery type and related details such as Rectox charger, electrolytic condenser, etc. If the PBX is fed from a centralized battery (i.e. one serving other switchboards also) the word "centralized" should be entered in this space.

5.11 In the space "BAT. FUSE NO." should be entered the number of the central office fuse through which the feeder is served, if local practice makes this entry of value.

5.12 The information entered in the spaces under "BATTERY VOLTS" relates to the central office feeder battery in case of direct feeder. It relates to both the central office and storage battery voltage if the P.B.X. is served by a centralized battery or by a storage battery at the PBX.

5.13 In the "GRD" space the entry should be one of the following:

	Entry
If the direct or charging feeder from the central office works back to a central office ground	C.O.
If the feeder works to a ground at the PBX or PBX terminal	PBX
If the feeder loops back from the PBX to a ground in the cross-connecting box at the junction of the U.G. and House Cables	U.G. X-BOX (Supplemented by location, such as BASM)
If the feeder loops back from the PBX to a cross-box at the junction of the House and PBX Cables	X-Box Bet HSE & PBX CA. (or other appropriate description)

5.14 Any required details with respect to battery supply for which no specifically labeled space provision has been made should be entered on the line headed "OTHER DETAILS."

5.15 The information which the card entries provide with respect to the length, by gauges, of the cables through which the battery feeder words are useful in connection with any redetermination of the number of conductors or loops required by a changed condition, as for instance a change in gauge or length occasioned by a transfer to a different cable. In addition, this cable length, gauge, and resistance information is of value in determining the circuit details required for off-premise stations, tie-trunks, etc., which are to be assigned through the same cables from the PBX board back through the central office.

6. MISCELLANEOUS INFORMATION

6.01 Last Transm. Test Date. On this line is entered the date on which the switchboard was last tested for transmission requirements.

6.02 Date Left In. In case a switchboard is left in place after disconnection, the left-in date should be entered in this space.

6.03 Aux. PBX Equip. If the PBX has associated equipment such as a tie line cabinet, battery cabinet, etc., it may be indicated on this line. If this line will not accommodate all of the entries, use the line below it labeled "OTHER DETAILS."

6.04 Gen. Fuse No. If required there should be entered in this space the central office fuse number of the generator lead to the PBX.

7. MORTALITY AND OTHER DATA

7.01 The grid with this heading is for entries of information pertinent to the preparation of mortality summaries. Not all of the items shown will be required in all Companies, and therefore only such of the items as are required should be used.

7.02 In addition to the information entered under this heading, there may be cases where some of the information entered on the line labeled "AUX PBX EQUIP" or the line labeled "OTHER DETAILS" will be included in the information forwarded for inclusion in the mortality summaries.

8. REVERSE OF FORM -"FACE EQUIPMENT"

8.01 The back of the form, E-2497, should be used in only those cases where local practices makes desirable the showing of subsidiary details, including an indication of which particular jacks are equipped, in use, etc. It is probable that usually this will be unnecessary and that, in general, the back of the card will be left blank. The matter of whether or not the back of the form is used has no effect on the detail of the information to be shown on the front. The following indicates the method of using the back of the form in those cases where the local practice is to make use of it. Illustrations of these details are given in Fig. 3-b.

Grid Headed "LINES"

8.03 This grid is designed to accommodate the entries for one position of any non-multiple manual switchboards up to and including the 320 line #551 PBX. For a non-multiple switchboard which has more than one position, a separate card should be used for each position.

8.04 The grid includes 20 columns. For a PBX position which has only 10 line jacks per level, as for instance a 30 line #550 or a 40-line #551, the right half would be left blank. In the left-hand half of the grid as many of the horizontal levels should be used as required, beginning at the bottom.

8.05 For a P.B.X. position which has 20 line jacks per level, as for instance the 80-line #551, both the left-hand and right-hand halves of the grid should be used, including the use of as many of the horizontal levels as are required, beginning at the bottom.

8.06 For a P.B.X. position which has 40 line jacks per level, as for instance the 320-line #551, additional vertical lines should be ruled in so as to divide each of the vertical columns (as printed) into two columns, thus giving a total of 40 columns across the form. Both halves of the grid should be used, including the use of all of the levels from the top to bottom, or as many thereof as required to represent the line jacks installed.

8.07 The method of indicating how many line jacks have been installed is to draw a horizontal line or lines across the appropriate spaces, as illustrated in Fig. 3-b. Such of the horizontal levels on the printed form as have not been thus marked will be interpreted to have no jacks.

8.08 The recommended method of indicating how any special equipment of the jacks, and the in use or spare condition of the jacks, is indicated in paragraphs 8.10, 8.11 and 8.12.

Grid Headed "TRUNKS"

8.09 A horizontal line should be drawn to indicate the jacks which are installed. In order to portray the facts this line would usually begin at the left-hand side of the form in the case of a 30-line or 40-line position and would usually start with the 3rd space from the left-hand side in the case of an 80-line or 320-line position.

Method of Indicating Occupancy of Jacks and Any Special Equipment

8.10 For both the grid headed "LINES" and the grid headed "TRUNKS," any special equipment of a jack (irrespective of whether the jack is in use or spare) should be indicated by an entry of a code or abbreviation in the top half of the space representing that jack. Recommended codes and abbreviations for this purpose include:

R - Indicates relay equipment. Use of this designation is limited to station jacks.

TTK - Tie trunk equipment.

TOLL TER - Toll terminal (L. D. Loop) equipment.

FX - Foreign Exchange Trunk Equipment.

Appropriate abbreviations or codes may be used for any other special equipment.

8.11 For both the grid headed "LINES" and the grid headed "TRUNKS" the method of indicating that a jack is in use is to enter an "X" mark in the bottom half of the space representing the jack. In case of a jack in use for a turret line, this fact will be indicated by entering "TUL" in the top half of the space as a supplement to the "X" entry in the lower half. Stations bridged to stations connected directly to

the switchboard should be indicated by entering a figure in the space occupied by the "X" mark, indicating the number of these bridged stations. See Fig. 3-b for illustration.

8.12 Following are some illustrations of the entries recommended in the two preceding paragraphs.

R	- Spare station jack equipped with a line relay.
R / X	- "IN USE" station jack equipped with a line relay.
	- Spare jack without special equipment. Whether a station jack or a trunk jack is indicated by the grid in which located.
/ X	- "IN USE" station or trunk jack without special equipment.
TUL / X	- Station jack in use for a turret line.

Grid Headed "CORDS"

8.13 The number of cord circuits should be indicated by drawing a horizontal line across the proper columns. Each circuit for which the cords themselves are installed should be indicated by entering the letter "C." The horizontal line without a "C" therefore indicates a circuit which is fully equipped except for the cords themselves.

9. CARD SIZE AND STOCK

9.01 The record card, Form E-2497 is 5" x 8". It is cut from card stock No. "0" Grade, 100 per cent. rag of weight such that 500 sheets of size 25-1/2" x 30-1/2" weighs 140 pounds. The thickness of this stock ranges from .0095" to .0105". The color is buff and the card is printed in black.

10. FILING AND FILING EQUIPMENT

10.01 The cards should be filed by central office prefix and in numerical sequence by telephone numbers. Sufficient index guides should be placed at appropriate points to insure quick and easy reference. If, for any reason a live card is removed from the file a substitute card should be put in its place in the file, with a notation as to where the card is situated.

10.02 If there are two or more cards for a given P.B.X. switchboard they should be fastened together securely by a rivet or by gummed linen hinges. If riveted, the rivet should not be tight enough to prevent easy reference to all cards in the assembly.

10.03 Cards that have been retired should be transferred from the active to a dead file and held in accordance with the requirements applying thereto.

10.04 The form E-2497 is arranged for filing on either the 5" or 8" dimension. Filing equipment designed for cards filed with their 5" dimension horizontal is to be desired in preference to that for cards filed with their 8" dimension horizontal, principally because 60 per cent. less horizontal space is required and because of certain filing equipment advantages.

10.05 For cards arranged for filing with their 5" dimension horizontal, the recommended files are those pictured in Bell System Practices, Section 660-150-010, Figs. 1 and 5. For a file having approximately 500 cards an oak box (Fig. 1, Section 660-150-010) is suitable. As an alternative the steel cross tray (Fig. 5, Section 660-150-010) may be used. This tray is designed to be placed in the large drawer of a desk or in a standard sized letter file. The standard drawer will hold 4 of these trays comprising approximately 2200 cards.

The outside dimensions of these files are:

	Width	Height	Depth
#58-B Oak Box	6"	9-1/2"	14"
#58-T Steel Cross-Tray	5-1/2"	9-1/4"	11-3/4"

10.06 Suitable filing equipment for cards filed with their 8" dimension horizontal is commercially available.

11. EXHIBITS

11.01 The design of the cards, and specimen entries illustrating their use, are shown in the figures which follow:

Fig. 1-a shows the front of the form.

Fig. 1-b shows the back of the form.

Fig. 2 shows specimen entries on the front of the form.

Fig. 3-a also shows specimen entries on the front of the form.

Fig. 3-b is supplementary to Fig. 3-a in that it is assumed to be the back of the 3-a card, and the entries are supplementary to the entries on Fig. 3-a.

FORM E-2497 ([illegible])

PBX SWBD RECORD

TEL. NO. ______ TAX DIST. ______ PBX SER. NO. ______

NAME ______ T.Z. ______

ADDR. ______

SWBD TYPE ______ POS. NO. ______ CAP. ______ FIN-ISH ______ TYPE OPER.-SET ______

PENDING ORD. NO.		STATION JACK SPACE					TK. JACK SPACE			CORD CKTS. (PAIRS)
		WITH RELAYS			WITHOUT RELAYS					
		OFF-PREM. STAS.	TIE TKS.	TOLL TERS	STAS.	TULS.	CENT. OFC. TKS.	TIE TKS.	TOLL TERS.	
	EQUIPPED									
	IN USE				BRDG					
	ADD TO OR SUBTRACT FROM "IN USE" FIGURE									

ADDITIONAL CIRCUIT DETAIL, WHERE REQUIRED, FOR LINES IN GRID ABOVE

	DWG. NO.	EQUIPP-ED	IN USE	LOCATION OF EQUIP.	DWG. NO.	EQUIPP-ED	IN USE	LOCATION OF EQUIP.	DWG. NO.	EQUIPP-ED	IN USE	LOCATION OF EQUIP.
OFF.-PREM. STAS.												
TIE TKS.												
TOLL TERS.												
FOR EX. TK. CKTS.												
LONG TK. CKTS												

T.Z.

MORTALITY AND OTHER DATA		
IN	DATE INSTL.	
IN	INSTL. ORD. NO.	
IN	REQ. NO.	
IN	MORT. FORM SER. NO.	
OUT	DATE REMOVED	
OUT	REMOVAL ORD. NO.	
OUT	RET'N MAT. NOTICE	
OUT	MORT. FORM SER. ..O	

LAST TRANSM. TEST DATE ______

DATE LEFT IN ______

AUX. PBX EQUIP. ______

BATTERY SUPPLY

CA → / GA ↓	UG				HSE		PBX	
	FT.	R PER. COND.	FT.	R PER. COND.	FT.	R PER. COND.	FT.	R PER. COND.
TOTAL								

COND OR LOOP	NO IN FEEDER	TOT R EACH	R OF FEEDER	NO IN FEEDER	TOT R EACH	R OF FEEDER	NO IN FEEDER	TOT R EACH	R OF FEEDER	NO IN FEEDER	TOT R EACH	R OF FEEDER
	CONDS	COND	CONDS	CONDS	COND	CONDS	CONDS	COND	CONDS	CONDS	COND	CONDS
	LOOPS	LOOP	LOOPS	LOOPS	LOOP	LOOPS	LOOPS	LOOP	LOOPS	LOOPS	LOOP	LOOPS

FEEDER R	IN ALL CABLES	IN CENT OFC	IN CABLES + C O	MAX. ALLOW.

PBX OR BUILDING BATTERY		BAT FUSE NO

BATTERY VOLTS				G R D
RATED		MIN.		
CO	SB	CO	SB	

TEL. NO.

OTHER DETAILS ______ GEN FUSE NO

FIG. 1-a. FORM E-2497, FRONT.

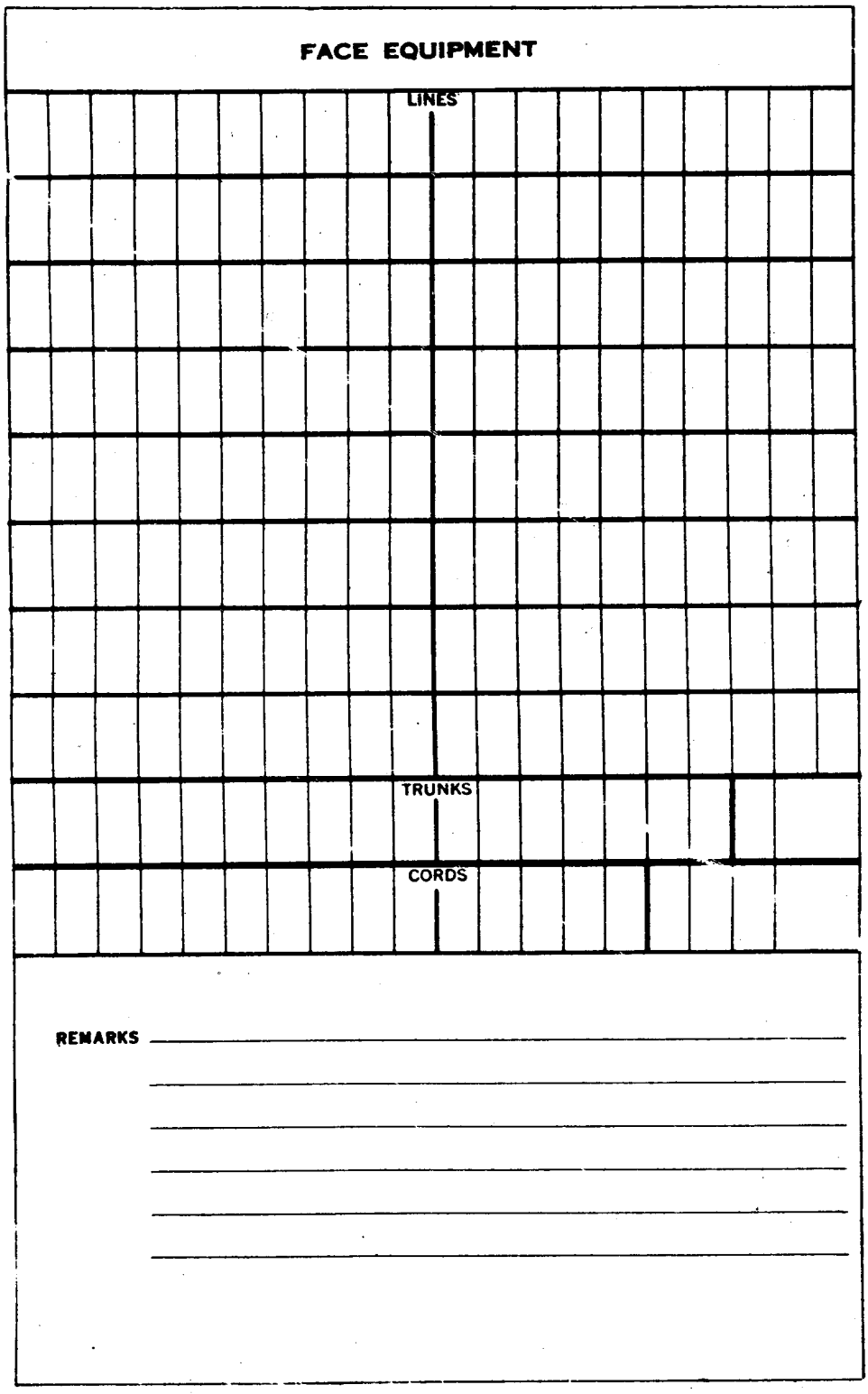

FIG. 4-b. FORM E-2497, BACK.

PBX SWBD RECORD

TEL. NO. BAR 0480 | TAX DIST. | PBX SER. NO.

NAME ALPHA STOCK CO. T.Z. 5 SR

ADDR. 1245 VARSITY AV., ROOM 1020

SWBD TYPE 551-A | POS. NO. | CAP. 40-L | FIN. ISH OAK | TYPE OPER.-SET CHEST TR

PENDING ORD. NO. I 9635

	STATION JACK SPACE WITH RELAYS: OFF-PREM. STAS.	TIE TKS.	TOLL TERS.	STATION JACK SPACE WITHOUT RELAYS: STAS.	TULS.	TK. JACK SPACE: CENT. OFC. TKS.	TIE TKS.	TOLL TERS.	CORD CKTS. (PAIRS)
EQUIPPED				20		8	3		8
IN USE				15 (BRDG 2)		6	3		8
ADD TO OR SUBTRACT FROM "IN USE" FIGURE				+2					

ADDITIONAL CIRCUIT DETAIL, WHERE REQUIRED, FOR LINES IN GRID ABOVE

	DWG. NO.	EQUIPPED	IN USE	LOCATION OF EQUIP.	DWG. NO.	EQUIPPED	IN USE	LOCATION OF EQUIP.	DWG. NO.	EQUIPPED	IN USE	LOCATION OF EQUIP.
OFF.-PREM. STAS.												
TIE TKS.	SD 66470-01	3	3	PBX								
TOLL TERS.												
FOR EX. TK. CKTS.												
LONG TK. CKTS												

MORTALITY AND OTHER DATA

IN	DATE INSTL.	9-26-32
	INSTL. ORD NO.	I 36245
	REQ. NO.	
	MORT. FORM SER. NO.	
OUT	DATE REMOVED	
	REMOVAL ORD. NO.	
	RET'N MAT. NOTICE	
	MORT. FORM SER. NO.	

BATTERY SUPPLY

CA ⇒	UG 15				HSE		PBX	
GA ↓	FT.	R PER. COND.	FT.	R PER. COND.	FT.	R PER. COND.	FT.	R PER. COND.
22					140	2.3	5	—
24	2650	67.5						
TOTAL		67.5				2.3		—

COND OR LOOP	UG NO IN FEEDER	UG TOT R EACH	UG R OF FEEDER				HSE NO IN FEEDER	HSE TOT R EACH	HSE R OF FEEDER	PBX NO IN FEEDER	PBX TOT R EACH	PBX R OF FEEDER
✓	CONDS	COND	CONDS	CONDS	COND	CONDS	CONES	COND	CONDS	CONDS	COND	CONDS
	LOOPS	LOOP	LOOPS	LOOPS	LOOP	LOOPS	LOOPS	LOOP	LOOPS	LOOPS	LOOP	LOOPS
X	9	67.5	7.5				4	2.3	0.6	4	—	—
FEEDER R	IN ALL CABLES: 8.1			IN CENT OFC: 1.0			IN CABLES + CO: 9.1			MAX. ALLOW.: 9.5		

PBX OR BUILDING BATTERY | BAT FUSE NO

BATTERY VOLTS

	RATED CO	RATED SB	MAX. CO	MAX. SB
	24		20	

GRD PBX

GEN FUSE NO

LAST TRANSM. TEST DATE 11-8-35

DATE LEFT IN

AUX. PBX EQUIP. Tie Tk. Cab.

TEL. NO. | OTHER DETAILS

FIG. 2. FORM E-2497, FRONT, WITH SPECIMEN ENTRIES.

PBX SWBD RECORD

TEL. NO. LIN 0500 — TAX DIST. — PBX SER. NO —

NAME TALBOT BIRD & CO. — I.C. 3A.

ADDR. 111 JOHN ST. 22 FLOOR

SWBD TYPE 551-B — POS. NO. — CAP. 80-L — TRUNK ISH. OAK — TYPE OPER. SET CHEST TR

PENDING ORD. NO.: I 10298 / O 9573

	STATION JACK SPACE WITH RELAYS: OFF-PREM. STAS.	TIE TKS.	TOLL TERS.	STATION JACK SPACE WITHOUT RELAYS: STAS.	TULS.	TK. JACK SPACE: CENT. OFC. TKS.	TIE TKS.	TOLL TERS.	CORD CKTS. (PAIRS)
EQUIPPED	2	3	1	74		10			15
IN USE	1	2	1	51 (BRDC 2)		8			12
ADD TO OR SUBTRACT FROM "IN USE" FIGURE		-1				+1			

ADDITIONAL CIRCUIT DETAIL, WHERE REQUIRED, FOR LINES IN GRID ABOVE

	DWG. NO.	EQUIPPED	IN USE	LOCATION OF EQUIP.	DWG. NO.	EQUIPPED	IN USE	LOCATION OF EQUIP.	DWG. NO.	EQUIPPED	IN USE	LOCATION OF EQUIP.
OFF.-PREM. STAS.	SD 66061-01	1	1	LIN C.O.	SD 66086-01	1		PBX				
TIE TKS.	SD 66470-01	2	1	PBX	SD 66063-01	1	1242 1	PBX			1	
TOLL TERS.	SD 66470-01	1	1	PBX								
FOR EX. TK. CKTS.												
LONG TK. CKTS.												

MORTALITY AND OTHER DATA

IN	DATE INSTL.	2-5-30
	INSTL. ORD. NO.	I 8267
	REQ. NO.	
	MORT. FORM SER. NO.	
OUT	DATE REMOVED	
	REMOVAL ORD. NO.	
	RET'N MAT. NOTICE	
	MORT. FORM SER. NO.	

LAST TRANSM. TEST DATE 8-7-35

DATE LEFT IN —

AUX. PBX EQUIP. Tie Tk. Cab.

OTHER DETAILS —

BATTERY SUPPLY

CA → / GA ↓	UG FT.	UG R PER. COND.			HSE FT.	HSE R PER. COND.	PBX FT.	PBX R PER. COND.
19	1100	9.0						
22					250	4.1	50	0.8
24	502	13.0						
26	310	12.9						
TOTAL		34.9				4.1		0.8

FEEDER	COND OR LOOP	IN ALL CABLES: NO IN FEEDER	TOT R EACH	R OF FEEDER	IN CENT OFC: NO IN FEEDER	TOT R EACH	R OF FEEDER	IN CABLES + CO: NO IN FEEDER	TOT R EACH	R OF FEEDER	MAX. ALLOW.: NO IN FEEDER	TOT R EACH	R OF FEEDER
	CONDS				CONDS	CONDS	CONDS	CONDS	CONDS	CONDS	CONDS	CONDS	CONDS
✓	LOOPS	LOOP	LOOPS	LOOPS	LOOP	LOOPS	LOOPS	LOOP	LOOPS	LOOPS	LOOP	LOOPS	
X	1	69.8					1	8.2		1	1.6		
	IN ALL CABLES 79.6			IN CENT OFC .7			IN CABLES + CO 80.3			MAX. ALLOW. 90.0			

PBX OR BUILDING BATTERY: UX 54 KS 5178 — BAY FUSE NO —

BATTERY VOLTS RATED CO	RATED SB	MIN CO	MIN SB	GRD
24	18	20	14	C.O.

GEN FUSE NO —

FORM 3-a. FORM E-2497, FRONT, WITH SPECIMEN ENTRIES.

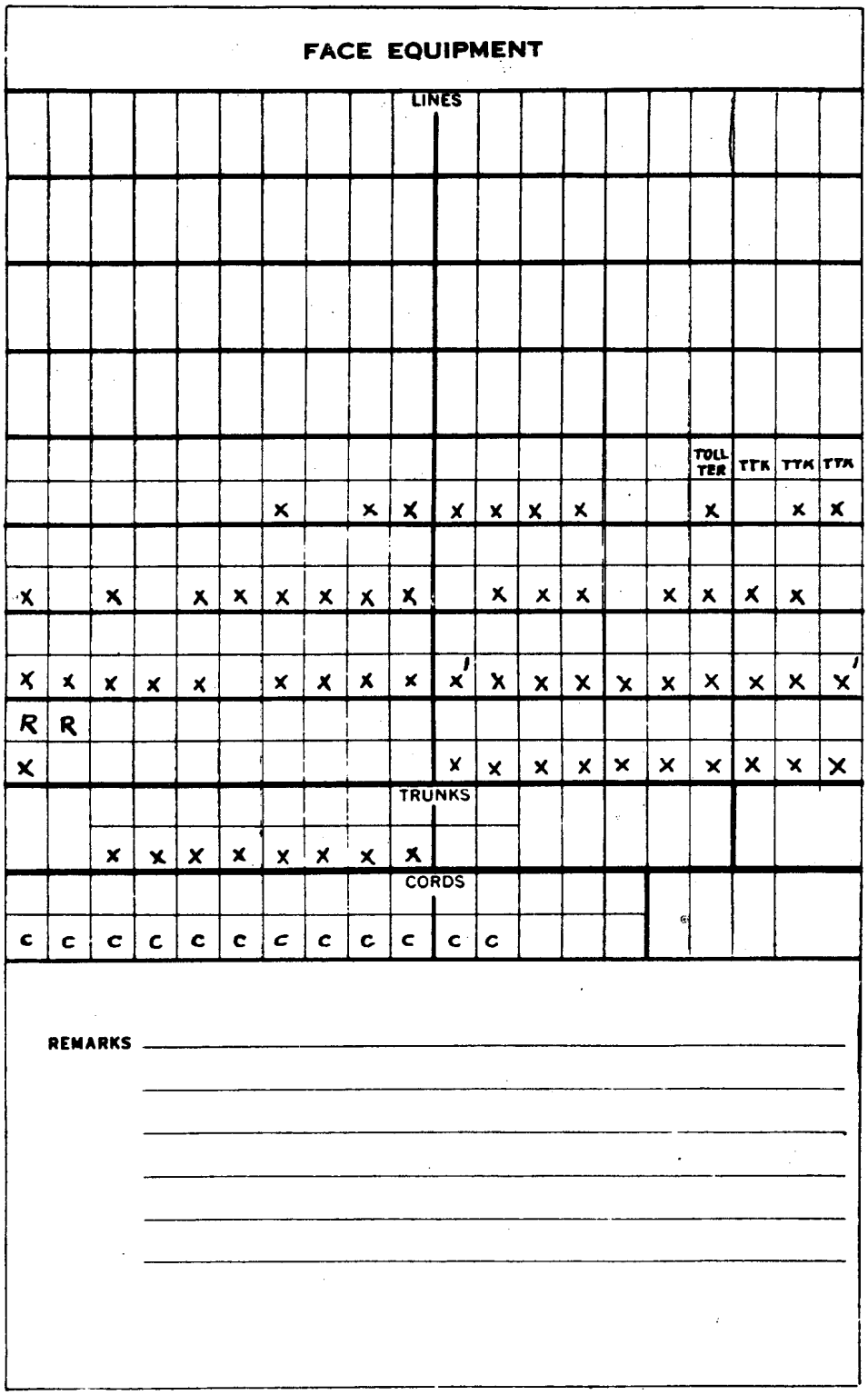

FIG. 3-b. FORM E-2497, BACK, WITH SPECIMEN ENTRIES.

This is assumed to be the back of the card which has its face illustrated in Fig. 3-a.

The practice of using the back of the form will probably be limited rather than general.