

REQUEST FOR FACILITIES AND EQUIPMENT REQUIREMENTS EXCHANGE SERVICE — FORM E-4053

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1. GENERAL

1.01 This section describes the use of Form E-4053, Request for Facilities and Equipment Requirements—Exchange Service. The form is designed for use in advising circuit design groups of assignment changes which are beyond the scope of information furnished the Assignment office.

1.02 This section is reissued to include customer-requested diversity as a type of change that must be routed to the circuit design group on Form E-4053. Since this reissue covers a general revision, arrows ordinarily used to indicate changes have been omitted.

1.03 When this form is used for special design of any service, whether or not special facilities or equipment are specified, the service is called a "designed service" and will be so designated on the assignment records.

1.04 Types of service which will generally necessitate the use of this form include:

- (a) Off-premises PBX extension stations.
- (b) Off-premises extension stations (main station service).
- (c) Foreign exchange lines and trunks.
- (d) PBX and key system trunks or lines which are beyond specified limits.
- (e) Power supply data which are beyond the

scope of information furnished to the assignment center.

(f) Special services, such as private lines, tie lines, paging systems, etc. (See Section 682-000-012 for complete list.)

(g) Services which must be kept diverse from other circuits.

1.05 This form is used to provide circuit design groups with formal transmittal of information whenever work is contemplated that will change the transmission characteristics or the physical route layout of previously defined designed services. It is the responsibility of the assignment office personnel to notify the design group whenever it is necessary to rearrange a designed service because of cable transfers, reconcentration activity, or maintenance changes.

2. DIVERSE CIRCUITS

2.01 Diverse circuits are provided for customers in two ways:

- (1) Where two private lines must be furnished over different physical routes.
- (2) Where a circuit must be furnished on a route which avoids specified geographical locations.

2.02 Circuits that are to be kept diverse will have a notation in the remarks area of a service order, such as "CRD-Diverse from 10GP274."

2.03 These circuits are generally designed circuits. In addition to posting the symbol D on the records, the notation CRD (customer requests diversity) must be entered in red on the assignment records.

2.04 No changes shall be made in circuits marked "CRD" without first obtaining approval of the circuit design group.

SECTION 680-815-010

3. ENTRIES

3.01 The entries to be made in the various spaces on the form are generally indicated with sufficient clarity by each space caption.

3.02 No fixed rules govern entries to be made, since this form is not designed as an assignment record, but rather as a temporary work sheet.

3.03 Fig. 2 through 6 illustrate how this form may be used in typical cases.

4. ORDERING INFORMATION

4.01 Form E-4053 is furnished in letter size, 8 $\frac{3}{8}$ by 10 $\frac{7}{8}$ inches. Fig. 1 is a facsimile of the form.

4.02 Form E-4053 is provided in pads of 50 sheets per pad, to be ordered as follows:

(Quantity,) Form E-4053

BSP M24.73

E-4053
(5-53)

REQUEST FOR
FACILITIES AND EQUIPMENT REQUIREMENTS
EXCHANGE SERVICE

CONST. WORK

SERVICE ORDER

REQUEST

NO. _____ DUE DATE _____ 3. EXCH. _____ COML. ENGR. _____

5. SUBS. NAME _____ 6. ADDR. _____ 7. TEL. NO. _____

8. SERVICE & EQUIP. REQUESTED:

9. EXISTING SERVICE:

	PBX OR KEY EQUIP. DATA		POWER SUPPLY	
	A	B	EXISTING	ADDL OR NEW
10. TYPE				
11. NO. C.O. TRKS/LINES				
12. NO. TIE LINES				
13. NO. EXT. STA.				
14. NO. CORDS/LINKS				
15. _____				
16. _____				
17. _____				
18. C.O. FEEDER				
19. C.O. CHARGE				
20. LOC. BAT.				
21. BLDG. BAT.				
22. _____				
23. _____				
24. _____				
25. GENERATOR				

OUTSIDE PLANT

FR TO	26.	TYPE SERV.	CABLE							BRDG. TAP FT.	LOAD- ING REQ'D
			NO.	PR	GA	FT	GA	FT	OHMS		
27.											
28.											
29.											
30.											
31.											
32.											
33.											
34.											

STATION-PBX-CO-EQUIPMENT REQUIRED

INTER:

35. ORIG. END _____ 37. CO _____

36. TERM. END _____ 38. CO _____

39. CO _____

40. REMARKS

ASSIGNER _____ REQUIREMENTS FURNISHED BY _____ SEE OVER

Fig. 1 — Facsimile of Form E-4053

SECTION 680-815-010

BSP M24.73

E-4053
(5-53)

REQUEST FOR
FACILITIES AND EQUIPMENT REQUIREMENTS
EXCHANGE SERVICE

CONST. WORK

SERVICE ORDER

REQUEST NO. I12465 2. DATE 9/25 3. EXCH. MAIN 4. ENGR. JONES

5. SUBS. NAME APEX BOX CO. 6. ADDR. 125 BROAD 7. TEL. NO. LA3-4612

8. SERVICE & EQUIP. REQUESTED:

(B) 2 ADD'L TRUNKS

9. EXISTING SERVICE:

(A) PBX - 7 TRKS, 23 STA.

	PBX OR KEY EQUIP. DATA		POWER SUPPLY	
	A	B	EXISTING	ADDL OR NEW
10. TYPE	<i>551A</i>	<i>551A</i>		
11. NO. C.O. TRKS/LINES	<i>7</i>	<i>9</i>	<i>IPR-MET(150MA)</i>	<i>NO CHANGE *</i>
12. NO. TIE LINES	<i>—</i>	<i>—</i>	<i>16V</i>	<i>" " *</i>
13. NO. EXT. STA.	<i>23</i>	<i>23</i>		
14. NO. CORDS/LINKS	<i>10</i>	<i>10</i>		
15.				
16.				
17.				
18. C.O. FEEDER				
19. C.O. CHARGE				
20. LOC. BAT.				
21. BLDG. BAT.				
22.				
23.				
24.				
25. GENERATOR				

OUTSIDE PLANT

FR TO	26. TERM. IN BSMT 125 BROAD	TYPE SERV.	CABLE						BRDG. TAP FT.	LOADING REQ'D	
			NO.	PR	GA	FT	GA	FT			OHMS
27. TO	<i>MAIN C.O.</i>	<i>TRK</i>	<i>15</i>	<i>126</i>	<i>26</i>	<i>6600</i>	<i>24</i>	<i>380</i>	<i>570</i>	<i>2100</i>	<i>— *</i>
28.											
29. TO	<i>MAIN C.O.</i>	<i>BAT</i>	<i>15</i>	<i>120</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>510</i>		
30.											
31.											
32.											
33.											
34.											

STATION-PBX-CO-EQUIPMENT REQUIRED

35. ORIG. END	INTER:	37. CO
<i>TRUNK RELAY - J48 *</i>		
36. TERM. END		38. CO
<i>MAIN C.O. - O.K. *</i>		
		39. CO

40. REMARKS

ASSIGNER ADAMS

REQUIREMENTS FURNISHED BY HUGHES

SEE OVER

Fig. 2 — Illustrates the Use of Form E-4053 for the Transmittal of Information Between Engineer and Assigner When a Service Order Covers the Addition of Trunks to an Existing PBX

- Notes:
1. The entries indicated by an asterisk (*) are those normally furnished by the PBX and Station Engineer.
 2. The entries indicated by a double asterisk (**) may be obtained by the assigner from cable prints available to him or by the engineer.

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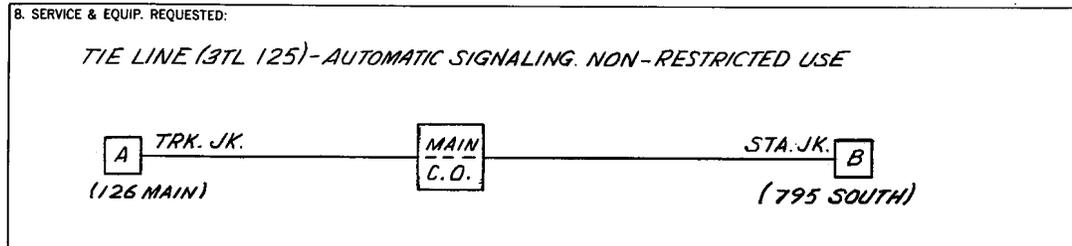
E-4053
(5-53)

REQUEST FOR
FACILITIES AND EQUIPMENT REQUIREMENTS
EXCHANGE SERVICE

CONST. WORK
SERVICE ORDER

REQUEST NO. I12689 2. DATE 9/26 3. EXCH. MAIN 4. ENGR. PEABODY

5. SUBS. NAME J.M. BOSS CO. 6. ADDR. 126 MAIN 7. TEL. NO. BR5-1701



9. EXISTING SERVICE:
PBX

10. TYPE	PBX OR KEY EQUIP. DATA		POWER SUPPLY	
	A	B	EXISTING	ADDL OR NEW
11. NO. C.O. TRKS/LINES	<u>551A</u>	<u>550C</u>	<u>(B) 1PR MET (TOMA)</u>	<u>NO CHANGE *</u>
12. NO. TIE LINES	<u>TRK JK</u>	<u>STA. # 36</u>	<u>(B) 16 V.</u>	<u>" " *</u>
13. NO. EXT. STA.			<u>(B) 16 V.</u>	<u>" " *</u>
14. NO. CORDS/LINKS				
15. <u>CORD CKT.</u>	<u>SD-66022-01</u>	<u>SD-66022-01</u>		
16.				
17.				
18. C.O. FEEDER				
19. C.O. CHARGE				
20. LOC. BAT.				
21. BLDG. BAT.				
22.				
23.				
24.				
25. GENERATOR				

OUTSIDE PLANT

FR TO	26. TERM. IN BSMT. 126 MAIN	TYPE SERV.	CABLE						BRDG. TAP FT.	LOADING REQ'D	
			NO.	PR	GA	FT	GA	FT			OHMS
27. TO	<u>MAIN C.O.</u>	} TL	<u>15</u>	<u>126</u>	<u>26</u>	<u>4260</u>			<u>360</u>	<u>6230</u>	<u>-*</u>
28. TO	<u>TERM. R. 795 SOUTH</u>		<u>26</u>	<u>783</u>	<u>26</u>	<u>3250</u>	<u>24</u>	<u>2120</u>	<u>380</u>	<u>12100</u>	<u>-*</u>
29.											
30.											
31.											
32.											
33.											
34.											

STATION-PBX-CO-EQUIPMENT REQUIRED

35. ORIG. END TRK. INTER: 37. CO MAIN-DLL, C (SD-66666) *

36. TERM. END STA. # 36 38. CO _____

39. CO _____

40. REMARKS
RESTRICTED TO STA. TO STA. CALLS UNTIL DLL (SD-77777-01) IS AVAILABLE *

ASSIGNER LANDRY REQUIREMENTS FURNISHED BY BRUCE SEE OVER

Fig. 3 — Illustrates the Use of Form E-4053 for Transmittal of Information Between Engineer and Assigner When a Service Order Covers Installation of a Tie Line

- Notes:
1. The entries indicated by an asterisk (*) are those normally furnished by the PBX and Station Engineer.
 2. The entries indicated by double asterisk (**) may be obtained either by assigner or engineer.
 3. The entries on line 15 will normally be obtained from the subscriber line card.

BBP M24.73

E-4053
(9-53)

REQUEST FOR FACILITIES AND EQUIPMENT REQUIREMENTS EXCHANGE SERVICE

CONST. WORK SERVICE ORDER

REQUEST NO. I 1063 2. DUE DATE 1/29 3. EXCH. DELTA 4. COML ENGR. JONES

5. SUBS. NAME WEBBER AND CO. 6. ADDR. 1632 SOUTH ST. 7. TEL. NO. DE-3-1060

8. SERVICE & EQUIP. REQUESTED:

PBX OFF-PREMISES EXTENSION FROM (A) 1632 SOUTH ST. TO (B) 505 E 13 ST. (STA. # 23)

9. EXISTING SERVICE:

PBX

10. TYPE	PBX OR KEY EQUIP. DATA		POWER SUPPLY	
	A	B	EXISTING	ADDL OR NEW
11. NO. C.O. TRKS/LINES	<i>550 C</i>			
12. NO. TIE LINES				
13. NO. EXT. STA.				
14. NO. CORDS/LINKS				
15. <i>OPX</i>		<i>#23</i>		
16. <i>CORD CKT</i>	<i>SD-66179-01</i>		<i>16V</i>	<i>NO CHANGE *</i>
17.				
18. C.O. FEEDER				
19. C.O. CHARGE				
20. LOC. BAT.				
21. BLDG. BAT.				
22. <i>REXTOK CHG.</i>				
23.				
24.				
25. GENERATOR				

OUTSIDE PLANT

FR / TO	26.	TYPE SERV.	CABLE							BRDG. TAP FT.	LOADING REQ'D
			NO.	PR	GA	FT	GA	FT	OHMS		
	<i>TERM. R 1632 SOUTH ST.</i>										
27. TO	<i>X-CONN. TERM. F1205 - 4TH AVE.</i>	<i>OPX</i>	<i>1510</i>	<i>57</i>	<i>24</i>	<i>2650</i>			<i>138*</i>	<i>1850</i>	
28. TO	<i>DELTA C.O.</i>		<i>15</i>	<i>1209</i>	<i>26</i>	<i>3810</i>			<i>319</i>	<i>2560</i>	
29. TO	<i>TERM. BSMT. 505 E 13TH ST.</i>		<i>12</i>	<i>813</i>	<i>26</i>	<i>3506</i>			<i>292</i>	<i>1540</i>	
30.											
31.											
32.											
33.											
34.											

STATION-PBX-CO. EQUIPMENT REQUIRED

35. ORIG. END *STA. JK#23-DLL B (SD 66666-01)** 37. CO. *DELTA-LOAD COIL (88MH)**

36. TERM. END *TZ5** 38. CO. _____

39. CO. _____

40. REMARKS

ASSIGNER JAMES REQUIREMENTS FURNISHED BY OLSEN SEE OVER

Fig. 4 — Illustrates the Use of Form E-4053 in Connection With a Service Order for a PBX Off-Premises Extension

- Notes:
1. The entries indicated by an asterisk (*) are those normally furnished by the PBX and Station Engineer.
 2. The entries indicated by a double asterisk (**) may be obtained by either the Assigner or Engineer.
 3. The entries on line 16 will normally be obtained from the subscriber line card.

BSP M24.73

E-4053
(9-53)

REQUEST FOR FACILITIES AND EQUIPMENT REQUIREMENTS EXCHANGE SERVICE

CONST. WORK SERVICE ORDER REQUEST

NO. 160523 DUE DATE 8/25 3. EXCH. MAIN 4. COML. ENGR. JOHNSON

5. SUBS. NAME JONES DEPT. STORE 6. ADDR. 25 E MAIN ST. 7. TEL. NO. MA 3-6500

B. SERVICE & EQUIP. REQUESTED:

(B) FOREIGN EXCH. TRK. TO EXETER C.O.

9. EXISTING SERVICE:

(A) PBX AT 25 E MAIN ST.

	PBX OR KEY EQUIP. DATA		POWER SUPPLY	
	A	B	EXISTING	ADDL OR NEW
10. TYPE	<u>555</u>			
11. NO. C.O. TRKS/LINES				
12. NO. TIE LINES				
13. NO. EXT. STA.				
14. NO. CORDS/LINKS				
15. <u>FX TRK</u>		<u>EXETER C.O.</u>	<u>20V</u>	
16.			<u>✓</u>	
17.				
18. C.O. FEEDER				
19. C.O. CHARGE				
20. LOC. BAT.				
21. BLDG. BAT.				
22. <u>LOG. CHG.</u>				
23.				
24.				
25. GENERATOR				

OUTSIDE PLANT

FR / TO	26. TERM. IN BSMT 25 E MAIN ST.	TYPE SERV.	CABLE						BRDG. TAP FT.	LOADING REQ'D
			NO.	PR	GA	FT	GA	FT		
27. TO	} <u>MAIN C.O.</u>	} <u>FX TRK</u>	10	256	26	1610			<u>135</u>	<u>2580</u>
28. TO			303	1612	19	23910	22	16105	910	-
29.										
30.										
31.										
32.										
33.										
34.										

STATION - PBX - CO - EQUIPMENT REQUIRED

35. ORIG. END EXETER C.O. INTER: 37. CO MAIN - { DLL-C (C3907) *

36. TERM. END TRK. JK. 38. CO { RPTR-EI

39. CO _____

40. REMARKS _____

ASSIGNER ALLEN REQUIREMENTS FURNISHED BY EWALD SEE OVER

Fig. 5 — Illustrates the Use of form E-4053 in Connection With a Service Order for a foreign Exchange Trunk

- Notes:
1. The entries indicated by an asterisk (*) are those normally furnished by the PBX and Station Engineer.
 2. The entries indicated by a double asterisk (**) may be obtained by either the Assigner or Engineer.

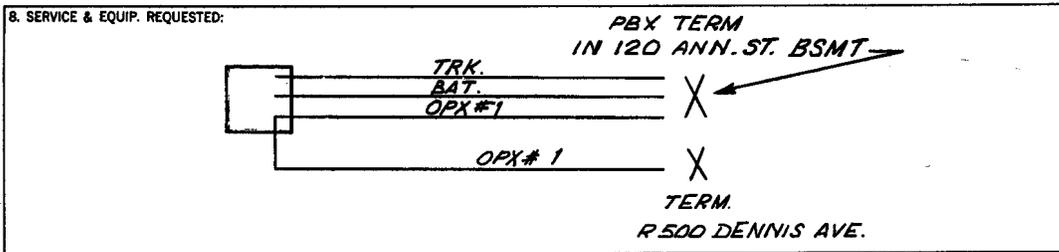
BSP M24.73

E-4053
(5-53)

REQUEST FOR FACILITIES AND EQUIPMENT REQUIREMENTS EXCHANGE SERVICE

CONST. WORK SERVICE ORDER REQUEST NO. **2178** DUE DATE **8-11-52** 3. EXCH. **SHERWOOD** 4. ENGR. _____ COML. _____

5. SUBS. NAME _____ 6. ADDR. _____ 7. TEL. NO. **582-8000**



9. EXISTING SERVICE:

	PBX OR KEY EQUIP. DATA		POWER SUPPLY	
	A	B	EXISTING	ADDL OR NEW
10. TYPE	555			
11. NO. C.O. TRKS/LINES	3		48V. MET.	
12. NO. TIE LINES	—		10 CELL	
13. NO. EXT. STA.	20			
14. NO. CORDS/LINKS	5			
15. OPX#1	1			
16.				
17.				
18. C.O. FEEDER				
19. C.O. CHARGE				
20. LOC. BAT.				
21. BLDG. BAT.				
22.				
23.				
24.				
25. GENERATOR				

OUTSIDE PLANT

FR / TO	26.	TYPE SERV.	CABLE							BRDG. TAP FT.	LOAD-ING REQ'D
			NO.	PR	GA	FT	GA	FT	OHMS		
	TERM. IN 120 ANN. ST. BSMT										
27. TO	SHERWOOD C.O.	TRKS	21	217	22	15,200				1200	
28. TO				251							
29. TO				252							
30. TO		BAT		219							
31. TO		OPX		227							
32. TO	TERM. R.500 DENNIS AV.	#1	25	1060		10,120	24	650		3700	
33.											
34.											

STATION-PBX-CO-EQUIPMENT REQUIRED

35. ORIG. END _____ 37. CO _____

36. TERM. END _____ 38. CO _____

39. CO _____

40. REMARKS

OPX #1 USING EXISTING DLL #14 AT SHERWOOD C.O.

ASSIGNER J. F. Jones REQUIREMENTS FURNISHED BY _____ SEE OVER

Fig. 6 — Illustrates the Use of Form E-4053 as a Request for Engineering Information Showing Data That May Be Entered by the Assigner in Conjunction With a Construction Work Order