GBW 13190 MOD A

35/49 LINE PABX CONNECTING CIRCUIT HAVING OUT SERVICE ON TWO ROUTES (DIAL 1 & 3)

SUPERSEDED BY GBW14660

TITLE AMENDED	(430098)	F	17/12/76 FJM
N Z P O NOTE A ADDED	(340711)	E	3.6.76 JCC
NOTE 2 & ASSOCIATED CONNS ADDED (23623)		D	13.6.68 JCC
CONTACT 02 & 3 W'S SHOWN DELETED (33778)		C	5.8.51 LWA
CIRCUIT REVISED (32440)		B	1.7.50 JAC
CORRECTION (32468)		A	8.11.57 CNC
AMENDMENT PARTICULARS		DATE	INITIAL

DRAWN | CHECKED | WIRING | CIRCUIT | R.H.

SIZE M1

GBW 13190 MOD A

TO LINE

LS 3 — 1250 — CO

CO

LS — LINE START

LS — 1150 — LS

LS

CO

H C — 1000 — CO 3

VIA DIAL 3 BUSY CHAIN TO EARTH

VIA DIAL 1 BUSY CHAIN TO EARTH

C53 — AS4 — NOTE 9

39G FIG 1A — 9 — 9 — EB

EXPLANATORY PART OF MISC CCT GBW 13270 MOD A

E — BD

FOR EXTNS BARRED DIRECT ACCESS OMIT STRAP SHOWN —— AND ADD STRAP SHOWN —o—

PART OF EXTENSION LINE CIRCUIT

GBW 13210 OR EQUIVALENT EXPLANATORY ONLY

NOTE 6

LF5 — LF6 — LF7 — LF8 — LF9 — LF10

TO MISC CIRCUITS GBW 13270 OR EQUIVALENT

LFtj — LF dm — LF50 5+5

LF1 — LF2 — LF3 — LF4

TO 39G 39G FIG 1A

FIG 1B

LINE FINDER CIRCUIT

BATT / EARTH } SEE FIG 1A

K1 — K2 — K3 — K4 — K5 — K6 — K7 — K8

C1 — C2 — C3 — C4

N2 — N1 — E1 — TJ

A 1 — 250 — 500 — 250

D 4 — 250 — 250

F 6 — 300 — 400

G 1 — 500

H 8 — 1000

D1 — D2 — D3 — D4

F1 — F2 — F3 — F4 — F5 — F6

H1 — H2 — H3 — H4 — H5 — H7 — H8

CD1 — CD2 — CD3

E 6 — 1200

A1 — B1

B 6 — 300

E1 — E2 — E3 — E4 — E5 — E6

NR1 — NR2 — NR3 — NR4

NPA1 — NPB1

N1 — N2 — N3 — N4 — N5

B1 — B2 — B3 — B4 — B5 — B6

R1 — 100

R2 — 200

R3 — 400

R4 — 250

R5 — 250

R6 — 400

R7 — 400

R8 — 400

R9 — 450

R10 — 1150

FT 1 — 145 — 50

FT1

MR1 1/12AZ

VM 0

RM 1

RMI

LPI — 2/6V

B7 — 50

DIAL TONE — RING TONE — BUSY TONE

RING RETURN

INT RING

RING START

RELEASE EARTH

NZPO NOTE A

NOTE 5

FROM PULSE CIRCUIT GBW 13260 OR EQUIV

OUT TO U17 OF NEXT CIRCUIT — START CHAIN — IN FROM PULSE CIRCUIT

FOR WIRING OF THESE LEADS SEE PULSE CIRCUIT GBW 13260 OR EQUIVALENT

NOTE 2

FOR SEQUENCE OF MULTIPLES & WIRING OF OUTLETS SEE EXTENSION LINE CIRCUIT GBW 13210 OR EQUIV * NOTE 3

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8 MISCELLANEOUS CONNECTIONS FROM BANKS —

CONTACT 19 H	AS EXCHANGE LINE DIAL 1 START	FROM MISC CCT GBW 13270 OR EQUIV
29 H	BS NIGHT SERVICE START	
39 H	ES EXCHANGE LINE DIAL 3 START	FROM MISC CCT GBW 13270 OR EQUIVALENT
49 H	FROM LF1A FIG 1B NOTE 2	
29 G	NIGHT SERVICE BUSY EARTH	
08 H	OL H	
08 +	OL +	
08 −	OL −	
09 H	OL W FROM ATT'S LINE CCT	
09 G		
39 G		
99 G		
49 G		35 LINE F B X ONLY

9 39G —9— 9— FROM CS GBW 13270 MOD A OR EQUIV

WHEN ACCESS TO DIAL 3 ROUTE BY BAR EDY EXTNS IS REQUIRED PROVIDE CONNS SHOWN —9— 9— OMIT STRAPS 19G 39G TOGETHER WITH STRAP BETWEEN SPRINGSETS AB4 & CS3 (GBW 13270 MOD A)

N Z P O NOTE A WHEN ACCESS TO V.H.F. SERVICE VIA AN EXTENSION LINE CCT IS REQUIRED (REF N Z P O DRG 22555) MODIFY CONNECTING CCTS FOR CALLING PARTY RELEASE BY REMOVING WIRING SHOWN —X— X— AND INSERTING RECTIFIER MR1 AND WIRING SHOWN —o— o—

NOTES –

1 FUSING – 1.5A PER CIRCUIT

2 JACK POINTS U9 & 11 AND U17 & 19 MAKE CONTACT WHEN RELAY SET IS REMOVED

3 Ø FOR WIRING SEE GBW 13300 OR EQUIVALENT

4 ALL W RING & ARG A COLOUR CODE TO BE 23 SWG UNLESS OTHERWISE SPECIFIED. BANK & SELECTOR WIRING TO BE 20 SWG

5 PAIRINGS MAKE ON NZ LEVELS 8 7 6 5 & 0 — 35 LINE
3 " " 9 4 3 2 1 & 0
NPA " " 6 7 6 5 4 & 0 — 49 LINE
NPB " " 9 3 2 1 " & 0

6 FOR SEQUENCE OF MULTIPLES & WIRING OF OUTLETS SEE EXTENSION LINE CIRCUIT GBW 3210 OR EQUIVALENT

7 LEVEL & CONTACT NUMBERS SHOWN ARE IN ACCORDANCE WITH FORWARD NUMBERED NZ DIAL BPO NUMBERING CORRESPONDING TO NZ NUMBERS 0 1 2 3 4 5 6 7 8 9 IS 0 9 8 7 6 5 4 3 2 1 RESPECTIVELY

BATTERY BK FUSE (3B) — U12 LFe

EARTH R ETH BAR (3A) — U11 LF1 LF2/50

EARTH R ETH BAR — 1ST G BANK OUTLET 09 MULT TO ALL BANKS 29 49 99 (35 LINE F A B X ONLY)

BATTERY W U12 H2 D2 R7b R10b R4b R5b A2 E2 VM RMe

EARTH R U11 H25 H1 FT4 D2 – D2 B23 3a R6a A6 A1 K2 E5 E6 NR1 N5 R2a R3a

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FIG 1A SELECTOR

FROM MISC CIRCUITS GBW 13270 OR EQUIVALENT

N 5	NR 4	NPA 1	NPB 1	TJ 14