



M.D.F. EXCH. OR CARRIER IDF LOC. OR MANUAL IDF LOC.

TO JUNCTION VIA MANUAL IDF MULT & CARRIER IDF OR M.D.F. EXCH. & CARRIER IDF OR CARRIER IDF

TO 2280 ~ OSCILLATOR.

TO GROUP SELECTOR ROUTINER ACCESS SELECTOR LEVEL.

TO I/C SELR GBW 11620 OR GBW 11630 OR GBW 14590 OR EQUIVALENT.

- NOTES**
- FUSING 1-1.5A PER CIRCUIT, AND T.A.R.I. (GBW 16560)
 - SHELF JACK U POINTS 9&11 TO MAKE CONTACT WHEN RELAY SET IS REMOVED
 - THESE TERMINALS ARE STRAPPED AS REQUIRED DURING THE RECEIVER SETTING UP PROCEDURE
 - WHEN THIS CCT IS USED ON A BOTHWAY LINE U PTS 12,3,13,18,20,21,22,23,24,25,27,28,31,32,55 & 63 TO BE STRAPPED TO THE SIMILARLY NUMBERED U POINTS OF ASSOC'D 0/6 CIRCUIT GBW 16470 STRAP U9&U3 & OMIT U POINT STRAPS 1-28,2-32,18-20,21-23,22-24 & 25-27
 - U8,U26,U29 & U30 TO BE STRAPPED ON SHELF WIRING EXTERNALLY.
 - PAD CONTROL: FOR REPEATED TRUNKS STRAPS U55-U53 FOR UNREPEATED TRUNKS OVER 3db NO STRAP FOR UNREPEATED TRUNKS UNDER 3db STRAP U55-U57
 - WHEN DIRECTLY ASSOC' WITH MANUAL BOARD (I/C NOT VIA A SELECTOR) OMIT STRAP BETWEEN U56 & U58
 - ALL WIRING TO BE 0.5mm UNLESS OTHERWISE SPECIFIED
 - Ø FOR WIRING SEE ASSOC' COMMON SERVICES DIAGRAM GBW 12110 OR EQUIV.
 - THE WINDINGS OF RELAY PC ARE DIFFERENTIALLY CONNECTED
 - THE RELEASE ALARM IS WIRED TO THE SHELF JACK 'U' POINTS, BUT IS NOT USED ON THIS CIRCUIT
 - TO ADJUST THE TONE PULSE OUTPUT RATIO WITHIN THE SPECIFIED TEST LIMITS, STRAP OUT RESISTORS R6-R8 INDIVIDUALLY OR IN PARALLEL COMBINATIONS AS REQUIRED, AND ADJUST RV1
 - STRAP SHELF JACK 'U' POINTS U61 & U65 ON UNIDIRECTIONAL CIRCUITS TO PROVIDE MANUAL BACKWARD BUSYING FACILITY.
 - WIRING SHOWN - I - AND RT TERMINAL PROVIDED ONLY WHEN A GROUP SELECTOR ROUTINER FOR THE ASSOCIATED V.F. GROUP SELECTOR IS PROVIDED ON EARLIER EQUIPMENT COLOUR OF BATTERY WIRING WAS BK OR W

NOTE 15

BATT. FUSE 0.7mm V 3B2 U12
 ETH. BAR. 0.7mm R 3A2 U11
 BATT. V. U12-PC4-Xe-Ae-CDe-DAe-De-AKe-BSe-TWe-DRb-TXe-DDe-RTb-RTe-R15b-TAR1/3 (GBW 16560) - R12b-R11b
 ETH. R. U11-PCa-X22-BR26-BRc-BR1-BR3-CD3-DA21-AK1-BS1-BS4-TW5-DD5-T2/E-T2/SC-TI/2-TI/E-TAR1/4 (GBW 16560) - R13a-SCA1

TJ 14

DIODE	DI	ADDED (REF N.Z.M. 50)	(193856)	9B	15-9-78	RED
R15-20	ADDED	R8-4	DELETED FROM WIRING	NZMRC	(52309)	9A 3-4-78 R.E.D
ALTY#	CONN. OF 2+ PAIR	ADDED	NOTE 6	DELETED (13810)	9	15-1-74 BS-H
NOTE 16	ADDED	(13810)	8	22-10-70	R.W.	
2+ PAIR	CABLED TO CARR. IDF LOC	NOTE 6	AMD.	(13810)	7	8-22-10-70 R.W.

AMENDMENT PARTICULARS	ISSUE DATE	APPROV	REF. I.V.F	50V	5
NZPO	SIZE AI	DRAWN	CHECKED	WIRING	CIRCUIT A.S.H.

I/C LINE CIRCUIT
N.Z. SIGNALLING SYSTEM
A.C.N°2T
GBW 16460