

ISSUE NOTES (CONTINUED)	ISSUE NOTES (CONTINUED)	ISSUE NOTES
		ORIG ISS: 04/22/93 CHANGE CLASS:
		DRAFT: PKK ENGR: DJP SUPV: PK CERTIFIED: 04/22/93 ISSUE: 1
		MICROCODED CIRCUIT PACKS ADDED.
		ORIG ISS: 04/22/93 CHANGE CLASS: M
		DRAFT: DJP ENGR: DJP SUPV: DLS CERTIFIED: 04/30/93 ISSUE: 2
		CATAGORYS CHANGED: UN322 F TO B TN335C T TO E TN832B J TO C TN838 S TO I TN844B K TO D TN844C I TO C TN844D I TO C TN1058B R TO E
		ORIG ISS: 04/22/93 CHANGE CLASS: M
		DRAFT: DJP ENGR: DJP SUPV: DLS CERTIFIED: 08/17/93 ISSUE: 3
		VARIOUS CATAGORIES CHANGED AND SOME NEW PACKS ADDED.
		ORIG ISS: 04/22/93 CHANGE CLASS: M
		DRAFT: DJP ENGR: DJP SUPV: DLS CERTIFIED: 12/08/93 ISSUE: 4
		CATAGORY CHANGED: KCB11 D TO C TN3D F TO E TN856C K TO N TN1310B F TO H TN1311B F TO I TN1312B F TO I TN1347B L TO J TN1366B M TO R TN1611B G TO H TN1612B G TO H TN2116 W TO X
		ORIG ISS: 04/22/93 CHANGE CLASS: M
		DRAFT: DJP ENGR: DJP SUPV: DLS CERTIFIED: 12/14/93 ISSUE: 5
		CATAGORY FOR CP TN856C CHANGED TO M.
		ORIG ISS: 04/22/93 CHANGE CLASS: M
		DRAFT: DJP ENGR: DJP SUPV: DLS CERTIFIED: 03/01/94 ISSUE: 6
		ADDED: BKD1 , BKD2 , TN1421 , TN1841 , TN1842 , TN1306B BKG1 , UM73 CHANGED: UN538 , UN539
		ORIG ISS: 04/22/93 CHANGE CLASS: M
		DRAFT: DJP ENGR: DJP SUPV: DLS CERTIFIED: 04/08/94 ISSUE: 7

NEW SPARING CATAGORIES.  
 982TRC B  
 982TSC B  
 982TTC C  
 ANN4B C  
 KCB17 B  
 TN1058C I  
 TN1086B C  
 TN1374 D  
 TN1376 C  
 TN1377 B  
 TN138 E  
 TN1407 H  
 TN1408 D  
 TN1533 C  
 TN1611B C  
 TN1661 H  
 TN2012 C  
 TN335E D  
 TN831B I  
 TN831C D  
 TN832B E  
 TN832C D  
 TN844E H  
 UN322E D  
 UN517B C  
 UN518 C  
 UN71B C  
 MPA3 F  
 TN1058B G  
 TN335C H  
 TN844D D

ORIG ISS: 04/22/93	CHANGE CLASS: M			
DRAFT: DJP	ENGR: DLS	SUPV: DLS	CERTIFIED: 09/07/94	ISSUE: 8
RERATE MPA3B FROM R TO D.				
ORIG ISS: 04/22/93	CHANGE CLASS: M			
DRAFT: DJP	ENGR: DJP	SUPV: DLS	CERTIFIED: 10/04/94	ISSUE: 9

SHEET INDEX									
SHT NBR									
ISSUE	A1	THRU	A3	ISSUE	10				
SHT NBR									
ISSUE	D1	THRU	D6	ISSUE	10				
SHT NBR									
ISSUE									
SHT NBR									
ISSUE									
SHT NBR									
ISSUE									
SHT NBR									
ISSUE									
SHT NBR									
ISSUE									
SHT NBR									
ISSUE									
SHT NBR									
ISSUE									
SHT NBR									
ISSUE									
SHT NBR									
ISSUE									

COPYRIGHT © 1995 AT&T ALL RIGHTS RESERVED			
REPLACES ED5D133-12			
5ESS SWITCH GLOBAL SPARE PARTS WORKSHEET SEE ED5D133-13 FOR INSTRUCTIONS			DWG SIZE C2
			ISSUE 10
AT&T	ED5D133-14		SHEET A1 OF 9

ISSUE NOTES (CONTINUED)

ISSUE NOTES (CONTINUED)

ISSUE NOTES (CONTINUED)

COPYRIGHT © 1995 AT&T  
ALL RIGHTS RESERVED

5ESS SWITCH GLOBAL SPARE PARTS  
WORKSHEET  
SEE ED5D133-13 FOR INSTRUCTIONS

DWG SIZE C2 ISSUE 10

ED5D133-14

AT&T

ED5D133-14

SHEET A2  
OF 9

PRINTED IN U.S.A.

ENGINEERING NOTES

ISSUE NOTES (CONTINUED)

51. THE (-1) IN THE SPARES COLUMN MEANS TO REDUCE THE NUMBER OF PACKS DETERMINED FROM THE SPARING REQUIREMENTS TABLE OR TABLE "A" OF NOTE 4 IN THE ED5D133-13 ISSUE 2.

COPYRIGHT © 1995 AT&T  
ALL RIGHTS RESERVED

5ESS SWITCH GLOBAL SPARE PARTS  
WORKSHEET  
SEE ED5D133-13 FOR INSTRUCTIONS

DWG SIZE C2 ISSUE 10

ED5D133-14

AT&T

ED5D133-14

SHEET A3  
OF 9

PRINTED IN U.S.A.

WORKSHEETS  
5ESS SWITCH SPARE PARTS DESCRIPTION CHART WORKSHEET

CODE	CRIT	DESCRIPTION/MICROCODE	CAT	ACTIVE	SPARES
1A-XCVR	C*	DUAL 2-PORT OPTIC TRANSCVR-CM2	B		
45PPI	ND*	FAN AIR FILTER - AM	A		2
131NLA	N	POWER UNIT	E		
132D	N*	MISC - PWR UNIT	D		
138A	C	CLOCK RECOVERY	B		
214A	N	STAND ALONE MON CKT - RISLU	B		
215A	N	ALM & STATUS CKT - RISLU	D		
233A	N	5ESS 6-FAN ALM CKT	C		
242A	N*	5ESS 3-FAN ALM CKT	B		
256A	N	ISLU - FAN ALM CKT	B		
331A	C	DSP MODULE	D		
369A	C	MICRO LEVEL TEST SET	I		
393A	C	POWER UNIT	E		
410AA	C	POWER UNIT	C		
410CA	C	POWER UNIT	E		-1
414AA	C	POWER UNIT	E		
429AA	C	POWER UNIT	E		
491DA	C	POWER UNIT	C		
494A	C	POWER UNIT	E		
494B	C	POWER UNIT	E		
494C	C	POWER UNIT	E		
494D	C*	POWER UNIT	E		
494GA	C	POWER UNIT	E		
494GB	C	POWER UNIT	F		
494LA	C	POWER UNIT	E		
494MA	C	POWER UNIT	C		-1
494RA	C	POWER UNIT	E		
495A	C	POWER UNIT	E		
495B	C	POWER UNIT	E		
495C	C*	POWER UNIT	E		
495D	C	POWER UNIT	E		
495E	C*	POWER UNIT	E		
495FA	C	POWER UNIT	D		
495FB	C	POWER UNIT	E		
495G1	C	POWER UNIT	E		
495GB	C*	POWER UNIT	E		
495HA	C*	POWER UNIT	E		
495J	C*	POWER UNIT	E		
495JA	C*	POWER UNIT	F		
495JC	C	POWER UNIT	F		
495KA	C	POWER UNIT	F		
495MA	C	POWER UNIT	E		
496A	C	POWER UNIT	E		
496B	C*	POWER UNIT	E		
553A	C	POWER UNIT	D		
553B	C	POWER UNIT	J		
955B	CD*	DLI TS SEL SW - MCTU	B		
982AAB	CD*	BUS CONTROL TERM - SMPU3	B		
982CF	CD*	FIBER OPTIC TRANS - LU, FIU	B		
982CG	CD*	FIBER OPTIC RCVR - LU, FIU	B		
982FH	CD*	ODL 40 1A-TRANSCIEVER 2T+2R	B		
982TA	CD*	FIBER OPTIC RCVR - LU, FIU	B		
982TH	CD*	FIBER OPTIC RCVR - LU, FIU	B		
982TR	CD*	ODL 50 TRANSCEIVER	B		
982TS	CD*	ODL 50 TRANS. (MIRROR 982TR)	B		
982TT	CD*	ODL 50 DUAL TRANSCEIVER	B		
982TRA	CD*	ODL 50 TRANSCEIVER	B		
982TSA	CD*	ODL 50 TRANS. (MIRROR 982TRA)	B		
982TRC	CD*	LDT "LIGHT DATA TRANS." (TTL)	B		
982TSC	CD*	LDT TRANS. (TTL) MIRROR TRC	B		
982TTC	CD*	LDT TRANS. (ECL)	B		
982WY	CD*	FIBER OPTIC RCVR - LU, FIU	C		

\* THESE PARTS ARE NOT AVAILABLE THROUGH SES-5.

CODE	CRIT	DESCRIPTION/MICROCODE	CAT	ACTIVE	SPARES
4010	C*	READ ONLY PRINTER - AM	A		1
-6K00					
5310	C*	PRINTER - AM	A		1
A801	N	DIAL TONE DETECTOR - ALARM CKT	B		
A802	N	DIAL TONE MONITOR - ALARM CKT	B		
A803	N	DIAL TONE ALARM TIMER-ALARM CKT	B		
AJT5	C*	LU2E - U-LAW CHANNEL 600 OHM	T		
AJT5B	C*	LU2E - U-LAW CHANNEL 600 OHM	H		
AJT6	C*	LU2E - A-LAW CHANNEL 600 OHM	U		

\*\*\* CONTINUED \*\*\*

\*\* CONTINUED \*\*

CODE	CRIT	DESCRIPTION/MICROCODE	CAT	ACTIVE	SPARES
AJT6B	C*	LU2E - A-LAW CHANNEL 600 OHM	H		
AJT7	C*	LU2E - U-LAW CHANNEL 900 OHM	S		
AJT7B	C*	LU2E - U-LAW CHANNEL 900 OHM	H		
AJT40	C*	LU2E - CHANNEL PACK S.A.	U		
AJT40B	C*	LU2E - CHANNEL PACK S.A.	U		
AJT41	C*	LU2E - CHANNEL PACK N.	U		
AJT50	C*	CHANNEL PACK U.K.	U		
ANN1	C	DFI FOR LINES AND TRUNKS	L		
		MC5D200A1			
ANN3	C	DFI FOR TRUNKS	K		
		MC5D203A1			
ANN3B	C	DFI FOR TRUNKS	D		
		MC5D203A1B			
ANN3C	C	DFI FOR TRUNKS (24CH)	C		
		MC5D203A1C			
ANN4	C	DFI FOR SLCB CARRIER LINES	C		
		MC5D204A1			
ANN4B	C	DFI FOR SLC CARRIER LINES	C		
		MC5D204A1B			
ANN5	C	DFI FOR SINGLE MODULE RSM	H		
		MC5D205A1			
ANN5B	C	DFI FOR SM + MM RSM	H		
		MC5D205A1B			
ANN5C	C	DFI FOR SM+MM RSM	D		
		MC5D205A1C			
ANN6	C*	30 CH DFI FOR TRKS DLTU	E		
		MC5D206A1			
ANN6	C*	30 CH DFI FOR TRKS DLTU	E		
		MC5X401A1			
ANN6B	C*	30 CH DFI FOR TRKS DLTU	G		
		MC5X401A1B			
ANN7	C*	30 CH DFI MULTI-MOD RSM DLTU	G		
		MC5X402A1			
ANN7B	C*	30 CH DFI MM+RSM	I		
		MC5X402A1B			
ANN8	C*	30 CH DFI OSPS W/SYNCH DLTU	F		
		MC5X403A1			
ANN8B	C*	30 CH DFI FOR OSPS W/SYC	H		
		MC5X403A1B			
ANN9	C*	DFI OSPS/TRKS MULTI-MOD RSM	F		
		MC5X404A1			
ANN9B	C*	30 CH DFI OSPS/TRKS/MM-RSM W/S	J		
		MC5X404A1B			
ANN36	C*	DFI W/SYNCH DLTU	G		
		MC5X000A1			
ANN36B	C*	30 CH DFI EXPORT TRKS W/SYC	C		
		MC5X000A1B			
ANN38	C*	30 CH DFI EXPORT TRUNK	G		
ANN56	C*	30 CH DFI EXPORT TRUNK	G		
ANN100	N	TEST AND ACCESS CKT 600 OHMS			
ANN101	N	TEST AND ACCESS CKT 800 OHMS			
ANN102	C*	DF12-XT	I		
ANN103	C*	DF12-XT	J		
AUA11B	C	POWER CONVERTER UNIT - TFIU	C		
AUA18	C	TFIU	C		
AUA19	C	TFIU	C		
AUA61B	C	LINE INTERFACE - TFIU	D		
AUA81	C	TIMESLOT ACCESS CIRCUIT - TFIU	C		
AUA103	C	MONITOR FUSE CIRCUIT - TFIU	C		
AUA104	C	POWER START UNIT - TFIU/NAIU	C		
AUB3	C	ALARM INTERFACE - TFIU	E		
AUB5	C	CHANNEL TEST - TFIU	H		
AUB53	C	DATA LINK INTERFACE - TFIU	E		
AUB79	C	NETWORK MUX UNIT	D		
BKD1	C	NLI - TSU4	B		
BKD2	C	NET.PERIPH.LINK - TSU4	E		
BKD4	C	CONTROL TIME SLOT - SMPU3	B		
BKF1	C	CM OPTICAL TRANS - SMPU3	D		-1
BKG1	C	CCI PDL BD - ISLU2	B		
CGG1	C	SCSI DISK MOD POWER SWITCH	B		
CGG2	C	SCSI DISK POWER SUPPLY	B		
ED4C268	N	POWER BOARD - FTS	B		
-30G2					
ED4C386	C	FAN UNIT - AM	B		
-30G1					
ED4C428	C*	300 MBYTE DISK FOR ROUTINE	A		1
-30		MTC - AM			
ED4C444	C*	KYSTNE TAPE DRIVE - AM	A		1
-30 ISS5					

\*\*\* CONTINUED \*\*\*

\*\* CONTINUED \*\*

CODE	CRIT	DESCRIPTION/MICROCODE	CAT	ACTIVE	SPARES
ED4C464	C*	FAN SUB ASSY - AM	A		1
-30G1					
ED4C464	C*	FAN SUB ASSY - AM	A		1
-30G2					
ED4C477	C*	340 MBYTE DISK FOR ROUTINE	A		1
-30		MTC - AM			
ED4C481	C*	DISK POWER SWITCH - AM	B		
-30					
ED5D020	N*	FUSE ALARM	B		
-30					
ED5D095	N	I/O LINE AMP - TAU	B		
-30G2					
* THESE PARTS ARE NOT AVAILABLE THROUGH SES-5.					
ED5D195	N	FAN ALARM CKT	B		
-30G1					
ED5D195	N*	FAN ALARM CKT	B		
-10G2					
ED5D195	N*	FAN ALARM CKT	B		
-10G3					
ED5D521	N	CABINET FUSE ALARM	B		
-30G1					
ED5D538	N	BST - OSPS			
-30					
ED7C384	ND	GROUND SHIELD - TU	B		
-30G2					
ED7C384	ND	GROUND SHIELD - LU-MMSU	B		
-30G3					
ED82949	C*	ALM CIRCUIT MODULE 1 - PDF	B		
-30G1					
ED82950	C*	CHARGE CKT MODULE 2 - PDF	B		
-30G1					
KAA5	C*	TERM BD - EBUS			
KAA7	C*	EBUS - CLOCK & CONTROL RETURN	B		
KBN1	C	TMSU2 FABRIC	E		
KBN2	C	TMSU2 FABRIC CONTROLLER	G		-1
KBN4	C	TMSU2 FABRIC	E		-1
KBN5	C	FABRIC BOARD	E		
KBN6	C	PTI "PIDB TRANSMISSION INTFC"	Q		
KBN7	C	ELI "ELEC. LINE INTERFACE"	C		
KBN8	C	BUS SERVICE NODE - SMPU3	L		
KBN10	C	IOP2 - CC	K		-1
KBN15	C	DIRECT MEMORY ACCESS	I		-1
KCB1	C*	Z- INTERFACE - ISLU	C		
KCB1B	C*	Z- INTERFACE - ISLU	C		
KCB2	C*	Z- INTERFACE - ISLU	C		
KCB3	C*	Z- INTERFACE - ISLU	B		
KCB3B	C*	Z- INTERFACE - ISLU	C		
KCB4	C*	Z- INTERFACE - ISLU	B		
KCB5	C*	Z- INTERFACE - ISLU	B		
KCB5B	C*	Z- INTERFACE - ISLU	C		
KCB6	C	Z- INTERFACE - ISLU	C		
KCB6B	C	Z- INTERFACE - ISLU	C		
KCB7	C	T INTERFACE - ISLU	E		
KCB8	C*	U-DSL TRANSMISSION - ISLU	B		
KCB9	C*	U-DSL LINE INTERFACE - ISLU	C		
6AASSEM	C	PHASE1 U INTFC (KCB8 KCB9)-ISLU	D		
KCB10	C	U-DSL - ISLU	C		
KCB11	C*	Z- INTERFACE - ISLU	C		
KCB11B	C	Z- INTERFACE - ISLU	C		
KCB15	C*	Z- INTERFACE - ISLU	C		
KCB16	C	AUXILIARY POWER CORD - ISLU	B		
KCB17	C	ANSI STANDARD U CARD - ISLU	B		
KCB20	C	INTERNATIONAL Z INTERFACE KO	C		
KCD2	C	LINE GROUP POWER - ISLU	C		
KCD3	C	LINE GROUP CONTROL - ISLU	C		
KCD3B	C	LINE GROUP CONTROL - ISLU	B		
KLW31	C	CENTRAL CONTROLLER	W		
KLW32	C	MEMORY 64 MEG - CC	T		-1
KLW33	C	MEMORY 96 MEG - CC	U		-1
KLW32	C	MEMORY 128 MEG - CC	V		-1
KLW40	C	MEMORY 40 MEG - CC	R		-1
KLW41	C	COMMON CONTROLLER	S		
KLW42	C	COMMON DATA			
KLW43	C	T-MUX			
KLW44	C	"SFI" STX-1 FACILITY INTERFACE			

\*\*\* CONTINUED \*\*\*

COPYRIGHT © 1995 AT&T  
ALL RIGHTS RESERVED

5ESS SWITCH GLOBAL SPARE PARTS  
WORKSHEET  
SEE ED5D133-13 FOR INSTRUCTIONS

DWG SIZE C2 ISSUE 10

ED5D133-14

AT&T ED5D133-14 SHEET D1 OF 9

PRINTED IN U.S.A.

\*\* CONTINUED \*\*

WORKSHEETS	DESCRIPTION	CAT	ACTIVE	SPARES
KLW48	MEMORY 48 MEG - CC	S		-1
KLW64	MEMORY 48 MEG - CC	R		-1
KLW128	MEMORY 48 MEG - CC	T		-1
KS20816 C*	MISC - INVERTER DC TO AC			
KS22048 C*	DISK PACK - AM	A		+1
-L1				
KS22048 C*	DISK PACK - AM	A		+1
-L2				
KS22497 C*	COLOR MTC TERM - MCC	A		+1
KS22501 ND*	FAN - AM	B		
L3				
KS22875 C*	340MB DISK DRIVE - AM	A		+1
KS22921 C*	COLOR MTC TERM - MCC	A		+1
-L3				
KS22997 C*	DISK PWR SUPPLY - AM	A		+1
L3				

\* THESE PARTS ARE NOT AVAILABLE THROUGH SES-5.

CODE	CRIT	DESCRIPTION/MICROCODE	CAT	ACTIVE	SPARES
KS23908 C		MTBF OF 150,000 HRS DISK	P		
KS23113 C*		TAPE DRIVE - ISLU	A		+1
MD48B6 ND*		MUFFIN FAN - ISLU	B		
MPA1 C		Z LINE CIRCUIT NL POTS	S		
MPA1B C		Z LINE CIRCUIT NL POTS	R		
MPA2 C		Z LINE CIRCUIT SP PPM	W		
MPA3 C		Z LINE CIRCUIT SP POTS	F		
MPA3B C		Z LINE CIRCUIT SP POTS	C		
MPA4 C		Z LINE CIRCUIT SP PPM	W		
MPA4B C		Z LINE CIRCUIT SP PPM	W		
MPA5 C		Z LINE CIRCUIT TWN POTS	S		
MPA6 C		Z LINE CIRCUIT POL PPM	W		
MPA7 C		Z LINE CIRCUIT IND POTS	S		
MPA7B C		Z LINE CIRCUIT IND POTS	C		
MPA8 C		Z LINE CIRCUIT IND PPM	W		
MPA9B C		Z LINE CIRCUIT SA POTS	R		
MPA10 C		Z LINE CIRCUIT SA PPM	V		
MPA11 C		Z LINE CIRCUIT BR POTS	R		
MPA12B C		Z LINE CIRCUIT BR PPM	W		
MPH1 C		REMOTE LINE GRP INTFC - HOST	G		
MPR1 C		REMOTE LINE GRP INTFC - REMOTE	M		
MPT1 C		T INTERFACE	I		
MPU1 C		90 V 2B1Q U-INTFC CKT	N		
MPU1B C		U LINE CIRCUIT	R		
S1F/T-2 ND*		FAN AIR FILTER - MLTS	A		+1
SM248 N		PORT UNIT - DCTU	G		
SM248B N		PORT UNIT - DCTU	G		
SM250 N*		CONTROLLER - DCTU	F		
SM251 N*		INTERFACE - DCTU	L		
SM251 N*		MC2P010B1			
SM251 N*		INTERFACE - DCTU	L		
SM251 N		MC2P010B3			
SM251 N		INTERFACE - DCTU	L		
SM251 N		MC2P010B2			
SM253 N		PROGRAM SIGNAL GEN - DCTU	G		
SM254 N		LINE REFERENCE MODULE - DCTU	G		
SM255 N		MEASUREMENT CONTROLLER-1 DCTU	E		
SM256 N		MEASUREMENT CONTROLLER-2 DCTU	E		
SM257 N		DATA CONVERTER - DCTU	D		
SM257B N		DATA CONVERTER - DCTU	E		
SM258 N		SIGNAL CONDITIONER - DCTU	I		
SM258B N		SIGNAL CONDITIONER - DCTU	I		
SM259 N		FILTER UNIT - DCTU	H		
SM259B N		FILTER UNIT - DCTU	H		
SM260 N		CURRENT SENSOR - DCTU	G		
SM261 N		TIP TERMINATION - DCTU	H		
SM262B N		RING TERMINATION - DCTU	E		
SM263 N		SOURCE AMPLIFIER - DCTU	K		
SM264 N		CORE ACCESS NETWORK - DCTU	L		
SM274 N*		LOOP TEST/PRECISION - DCTU	E		
MC2P010A1					
MC2P010A2					
MC2P010A3					
SN100 N		TEST AND ACCESS - TU	B		
SN101 C		CONTROL AND DATA INTERFACE - TU	D		
SN101B C		CONTROL AND DATA INTERFACE - TU	B		
SN102 C		LOOP SUPERVISION OUTGOING - TU	E		
SN102B C		LOOP SUPERVISION OUTGOING - TU	G		

\*\*\* CONTINUED \*\*\*

\*\* CONTINUED \*\*

WORKSHEETS	DESCRIPTION	CAT	ACTIVE	SPARES
SN102C C	LOOP SUPERVISION OUTGOING - TU	C		
SN103 C	LOOP SUPERVISION INCOMING - TU	E		
SN103B C	LOOP SUPERVISION INCOMING - TU	C		
SN104 C	4 - WIRE E & M - TU	C		
SN104B C	4 - WIRE E & M - TU	C		
SN105 C	2 - WIRE E & M - TU	G		
SN105B C	2 - WIRE E & M - TU	G		
SN107 N	TEST TRUNK - TU	G		
SN112 C	LOOP SUPV OUTGOING (TOLL) - TU	H		
SN113 C	LOOP SUPV INCOMING (TOLL) - TU	E		
SN113B C	LOOP SUPV INCOMING (TOLL) - TU	G		
SN114 C	4 - WIRE E & M (TOLL) - TU	G		
SN114B C	4 - WIRE E & M (TOLL) - TU	G		
SN115 C	2 - WIRE E & M (TOLL) - TU	D		
SN115B C	2 - WIRE E & M (TOLL) - TU	D		

\* THESE PARTS ARE NOT AVAILABLE THROUGH SES-5.

CODE	CRIT	DESCRIPTION/MICROCODE	CAT	ACTIVE	SPARES
SN215 C		T1/T1C EQUALIZER - DLTU	C		
SN215B C*		T1/T1C EQUALIZER - DLTU	B		
SN216 C		T1/T1C EQUALIZER - DLTU	C		
SN216B C*		T1/T1C EQUALIZER - DLTU	C		
SN217 C		T1/T1C EQUALIZER - DLTU	C		
SN217B C*		T1/T1C EQUALIZER - DLTU	C		
SN218 C		T1/T1C EQUALIZER - DLTU	C		
SN218B C*		T1/T1C EQUALIZER - DLTU	C		
SN219 C		T1/T1C EQUALIZER - DLTU	C		
SN219B C*		T1/T1C EQUALIZER - DLTU	C		
SN346 C		POWER START - DLTU	B		
SN346B C		POWER START - DLTU	B		
SN370 N		TEST ANS ACCESS CKT			
SN372 C*		2W DC LOOP SUP INC U-LAW ATU	I		
SN373 C*		2W DC LOOP SUP OG U-LAW ATU	I		
SN374 C*		2W STROWGER INC U-LAW ATU	H		
SN375 C*		2W STROWGER OG U-LAW ATU	I		
SN376 C*		3W STROWGER INC U-LAW ATU	J		
SN377 C*		3W STROWGER OG U-LAW ATU	J		
SN378 C*		4W E&M U-LAW ATU	F		
SN382 C*		3W EMD TYPE M INC U-LAW ATU	I		
SN383 C*		3W EMD TYPE M OG U-LAW ATU	I		
SN384 N*		UNIVERSAL TEST & ACCESS - ATU	J		
SN384B N*		UNIVERSAL TEST & ACCESS - ATU	I		
SN412 C		CONTROL AND DISPLAY	C		
SN422 N*		DCTU CONTROLLER	L		
SN423 N*		EQUIPMENT ACCESS NETWORK - DCTU	E		
SN448 C*		BATT REVERSAL APPLIQUE PPMU	F		
SN449 C*		12-16KHZ TONE APPLIQUE PPMU	E		
SN502 C*		TONE & TONE TEST PPMU	E		
SN516 C		CONTROL AND DISPLAY MODEL 2	C		
SN516B C		CONTROL AND DISPLAY MODEL 2	C		
SN530 C*		2W SEMI-CONT INC A-LAW ATU	H		
SN531 C*		2W SEMI-CONT OG A-LAW ATU	H		
SN532 C*		2W STROWGER INC A-LAW ATU	H		
SN533 C*		2W STROWGER OG A-LAW ATU	I		
SN534 C*		3W STROWGER INC A-LAW ATU	J		
SN535 C*		3W STROWGER OG A-LAW ATU	J		
SN536 C*		4W E&M A-LAW- ATU	F		
SN537 C*		3W EMD TYPE M INC A-LAW ATU	I		
SN538 C*		3W EMD TYPE M OG A-LAW ATU	I		
SN549 C		T1/T1C EQUALIZER - DLTU	B		
SN550 C		T1/T1C EQUALIZER - DLTU	B		
SN551 C		T1/T1C EQUALIZER - DLTU	B		
SN552 C		T1/T1C EQUALIZER - DLTU	B		
SN553 C		T1/T1C EQUALIZER - DLTU	B		
SN557 C		SW. TRANS. INTERFACE - STIU	G		
SN560 C*		LOCAL TEST TRK ATU	B		
SN563 C		DS3 INTERFACE - TRCU	F		
SN600 C*		INC TRK LOOP A-LAW SA ATU2	H		
SN601 C*		OUT TRK LOOP A-LAW SA ATU2	H		
SN602 C*		INC TRK LOOP A-LAW NL ATU2	G		
SN603 C*		OUT TRK LOOP A-LAW NL ATU2	H		
SN604 C*		INC TRK LOOP HK A-LAW NL	M		
SN605 C*		OUT TRK LOOP METERING A-LAW NL	I		
SN606 N*		TEST & ACCESS 2W SA ATU2	K		
SN607 N*		TEST & ACCESS 2W NL ATU2	K		
SN608 C*		INC E&M A-LAW SA ATU2	H		
SN609 C*		OUT E&M A-LAW SA ATU2	H		
SN611 C*		50 HZ APPLIQUE PPMU	D		

\*\*\* CONTINUED \*\*\*

\*\* CONTINUED \*\*

WORKSHEETS	DESCRIPTION	CAT	ACTIVE	SPARES
SN612 C*	INC E&M A-LAW NL ATU2	H		
SN613 C*	OUT E&M A-LAW NL ATU2	H		
SN614 C*	CONTROL & DATA INTERFACE ATU2	H		
SN615 C*	OUT STROWGER HK TRK A-LAW SA	J		
SN616 C*	POWER & MISC SERVICE MMSU2	F		
SN617B C*	MICROPROCESSOR CONTROL MMSU2	G		
MC5X255A3B				
MC5X255A2				
SN618 C*	SIGNAL BRIDGE & KEYTONE MMSU2	H		
SN619 C*	MEAS. & LINE CONTROL MMSU2	K		
SN623 C	FREQUENCY GENERATOR UK PPMU2	E		
SN624 C*	PCM INTERFACE	G		
MC5X253A1				
SN625 C*	DIGITAL SIGNAL PROCESSOR 1VFC	H		
SN631 C*	SIG. BRIDGE&KEYTONE SA NL MMSU2	G		
SN709 C	800MS BATTERY REVERSAL PPMU	I		
SN712	U LAW KOREA			
SN720				
SN730 C*	AUTO POWER RESTART	B		
SN732 C		F		
TF2 C*	SCANNER DIST INTERFACE	B		
TF3 C*	AM - PORT SWITCH	C		
TF4 C	AM - PORT SWITCH	C		
TF4B C*	AM - PORT SWITCH	C		
TF5	CNI			
TF9	CNI			
TL71 C*	INVERTER MICROCONTROL AM	E		
TM71 N*	INVERTER MICROCONTROL	C		
TM72 N*	INVERTER MICROCONTROL	C		
TM482 N*	INVERTER MICROCONTROL	F		
TM691 C*	TEST ACCESS MONITOR - CM2	L		
TN2 C*	POWER CONTROL SWITCH - DFC	H		
TN2B C*	POWER CONTROL SWITCH - DFC	H		
TN3 C	POWER CONTROL - DFC	F		
TN3B C	POWER CONTROL - DFC	F		
TN3C C	POWER CONTROL - DFC	F		
TN3D C	POWER CONTROL - DFC	E		
TN5 C	POWER CONTROL AND MONITOR - CC	E		
TN5B C	POWER CONTROL AND MONITOR - CC	E		
TN6 C	POWER CONTROL - CPU	D		
TN6B C	POWER CONTROL - CPU	D		
TN6C C	POWER CONTROL - CPU	D		
TN9 C	PERIPHERAL CONTROL - IOP	L		
TN9B C	POWER MONITOR - IOP	K		
TN10 C	EMERGENCY ACTION INTERFACED :CC	D		
TN11 C*	EMERGENCY ACTION INTERFACE IOP	E		
TN14 C*	MASA	E		

\* THESE PARTS ARE NOT AVAILABLE THROUGH SES-5.

CODE	CRIT	DESCRIPTION/MICROCODE	CAT	ACTIVE	SPARES
TN16 N*		MLTS INTERFACE - CC	J		
MC4C003A1					
TN19 C*		MCS - CC	Q		
MC4C127A1					
MC4C127A1B					
MC4C127A1C					
MC4C127A1D					
MC3T097A1					
TN28 C*		MAIN STORE MEMORY ARRAY-CPU,SM	G		
TN56 C		MAIN STORE MEMORY ARRAY-CPU,SM	C		
TN61B C		PIC - IOP/MSCU2	G		
TN64B C		MHD DATA/CLOCK - DFC	F		
TN65B C		PARALLEL/SERIAL DATA INTFC	F		
TN68 C*		MICROCONTROL STORE	I		
MC4C061A1B					
TN68 C*		MICROCONTROL STORE	I		
MC4C061B1C					
TN68B C*		MICROCONTROL STORE	I		
TN69 C		DDSBC - IOP/MSCU2	G		
TN69B C		DDSBC - IOP/MSCU2	C		-1
TN70 C		BIC - IOP/MSCU2	G		
TN70B C		BIC - IOP/MSCU2	H		
TN70C C		BIC - IOP/MSCU2/MSCU2	G		-1
TN74 C*		DATA LINK CONTROLLER - IOP	Q		
TN74B C*		DATA LINK CONTROLLER - IOP	E		-1
MC4C011A1B					
TN75 C*		2-CHAN BX.25 SYN. LINK CONTROL			

\*\*\* CONTINUED \*\*\*

COPYRIGHT © 1995 AT&T  
ALL RIGHTS RESERVED

5ESS SWITCH GLOBAL SPARE PARTS  
WORKSHEET  
SEE ED5D133-13 FOR INSTRUCTIONS

DWG SIZE C2 ISSUE 10



\*\* CONTINUED \*\*  
WORKSHEETS

CODE	CRIT	DESCRIPTION/MICROCODE	CAT	ACTIVE	SPARES
TN858	C	MC5D078A1C MMP 2 - MSPU,MSPU2	J		-1
TN859	C	MC5D037A1 MESSAGE INTERFACE 1 - MICU	H		
TN860	C	MESSAGE INTERFACE 2 - MICU	E		
TN861	C	MESSAGE INTERFACE 3 - MICU	F		
TN862	C	MESSAGE INTERFACE 4 - MICU	D		
TN865	C	TSI CONTROL - TSIU	I		
TN866	C	TSI DATA SELECT & TIMING - TSIU	H		-1
TN867	N	SCAN APPLIQUE - OAU	E		
TN868	N*	EXTERNAL SANITY MONITOR - OAU	K		
TN869	N*	DYNAMIC OVERLOAD CONT - OAU	C		
TN870	C	MSG INTFC CONTROLLER - MSPU3	B		-1
TN871	C	MICROPROCESSOR CORE - SMPU	K		
TN871B	C	MICROPROCESSOR CORE - SMPU	K		
TN872	C	COMMUNICATION CIRCUIT - SMPU	J		
TN873	C	MICROPROCESSOR SUPPORT - SMPU	H		
* THESE PARTS ARE NOT AVAILABLE THROUGH SES-5.					
TN874	C*	RAM/ROM BOARD - SMPU			
		MC5D033A1	H		
		MC5D049A1	H		
		MC5D052A1	H		
		MC5D053A1	H		
		MC5D080A1	H		
		MC5D113A1	H		
		MC5X246A1	H		
		MC5X248A1	H		
TN874B	C*	RAM/ROM BOARD - SMPU			
		MC5D053A1B	H		
		MC5D080A1B	H		
		MC5D113A1B	H		
		MC5D132A1B	H		
		MC5D153A1B	H		
		MC5D169A1B	H		
		MC5X246A1B	H		
		MC5X248A1B	H		
		MC5X260A1B	H		
		MC5X261A1B	H		
		MC5X265A1B	H		
		MC5X275A1B	H		
		MC5X281A1B	H		
		MC5X284A2B	H		
		MC5X702A1B	H		
TN875	C	DYNAMIC MEMORY CONTROL - SMPU	I		
TN875B	C	DYNAMIC MEMORY CONTROL - SMPU	H		
TN875C	C	DYNAMIC MEMORY CONTROL - SMPU	G		
TN876	C	DATA INTERFACE - TSIU	D		
TN876B	C	DATA INTERFACE - TSIU	D		
TN877	C	DUAL LINK INTERFACE - TSIU	I		
TN878	C	FAST PUMP BOOTSTRAP - SMPU	J		
TN879	N	MMSU COMMON - MMSU	F		
TN879B	N	MMSU COMMON - MMSU	D		
TN880	N	GDY COMPENSATOR - MMSU	P		
TN881	C	CLOCK INTERFACE - CM2	D		-1
TN882	C	CLOCK INTERFACE BUFFER - CM2	F		-1
TN883	C	TEST BOARD - CM2	C		-1
TN884	C	CONTROL BOARD - CM2	N		
TN884B	C	CONTROL BOARD - CMCU	P		
TN884C	C	CONTROL BOARD - CMCU	I		-1
TN886	C	PUMP PERIPHERAL CONTROLLER	H		-1
TN887	C	TSI ALT-D HIGH MEMORY - TSIU	F		
* THESE PARTS ARE NOT AVAILABLE THROUGH SES-5.					
TN888	C	QUAD-LINK INTERFACE - CM2	D		-1
TN892	C*	UNIVERSAL TONE GENERATOR - DSU			
		MC5D000A1B	D		
		MC5D000A1C	D		
TN896	C*	TTF INTERFACE GDSU	E		
TN897	C*	TTF TONE GEN & DTMF DETECTOR	D		
TN898	C*	TTF MEASURING GDSU	E		
TN898B	C*	TTF MEASURING GDSU	F		
TN898C	C*	TTF MEASURING GDSU	G		
TN899	C*	TTF CPU GDSU	E		

\*\*\* CONTINUED \*\*\*

\*\* CONTINUED \*\*  
WORKSHEETS

CODE	CRIT	DESCRIPTION/MICROCODE	CAT	ACTIVE	SPARES
TN899B	C*	TTF CPU - GDSU	G		
TN934	N	REMOTE ALARM CIRCUIT - OAU	D		
TN942	N*	PROMUS-C DIAG TEST PACKAGE	F		
TN983	C*	MC4C102A1 MAINT TERMINAL CONT. - CC			
		MC4C132A1	L		-1
		MC4C132A1B	L		-1
		MC4C132A1C	L		-1
TN996	C*	CONTROL & BATT REV PPMU2	F		
TN996B	C*	CONTROL & BATT REV PPMU2	G		
TN1032	C*	6-PORT CONF CIRCUIT - DSU	F		
		MC5D069A1			
		MC5X262A1			
TN1034	C	DUAL MESSAGE INTERFACE 2 - CMCU	I		-1
TN1038	C	HALF GRID (GAS TUBE)	N		
TN1039	C	MUX - FIU	F		
TN1040	N	MDF TEST ACCESS - MMSU	F		
TN1042	C*	PACKET INTERFACE - PSU			
		MC5D095A1			
TN1042B	C	PACKET INTERFACE - PSU			
		MC5D095A1B			
TN1048	N	HALF GRID - LU2	N		
TN1053	C*	ANNOUNCEMENT CKT - DSU2			
		MC5D087A1	G		
		MC5D087A2	G		
		MC5D114A1	G		
		MC5D114A2	G		
		MC5D114A3	G		
		MC5D114A4	G		
		MC5D142A1	G		
		MC5D142A2	G		
		MC5D144A1	G		
		MC5D151A1	G		
TN1054	C*	EXP ANNOUNCEMENT CKT - DSU2			
		MC5D143A1			
		MC5D143A2			
		MC5D143A3			
		MC5D155A1			
		MC5D172A1			
		MC5D172A2			
TN1058	C	HALF GRID - LU2	R		
TN1058B	C	HALF GRID - LU2,LU3	G		
TN1058C	C	HALF GRID - GAS & CARBON	I		
TN1077	C	DUAL LINK INTERFACE - TSIU	R		
TN1077B	C	DUAL LINK INTERFACE - TSIU	M		
TN1077C	C	DUAL LINK INTERFACE - TSIU	J		
TN1077D	C	DUAL LINK INTERFACE - TSIU	J		
TN1077E	C	DUAL LINK INTERFACE - TSIU	C		
TN1081	C*	PH128 - PSU	P		
		MC5D115A1			
TN1081B	C*	PROTOCOL HANDLER-128 "PH2"	Q		
		MC5D115A1B			
TN1082	C*	CONTROL FANOUT - PSU	H		
		MC5D102A1			
		MC5D123A1			
TN1082B	C*	CONTROL FANOUT - PSU			
		MC5D102A1B	L		
		MC5D123A1B	L		
TN1083	C*	PACKET FANOUT - PSU	I		
		MC5D103A1			
TN1083B	C*	PACKET FANOUT - PSU	I		
		MC5D103A1B			
TN1083C	C*	PACKET FANOUT - PSU	D		
		MC5D103A1C			
TN1085	C*	PROTOCOL HANDLER - PSU	G		
TN1086	C	TSI & SP - TSIU	K		
TN1086B	C	TSI & SP - TSIU	C		
TN1087	C*	TERMINAL ADAPTER - LAU	H		
		MC5D109A1			
		MC5D118A1			
TN1087B	C*	TERMINAL ADAPTER - LAU	K		
		MC5D109A1B			
		MC5D118A1B			
TN1088	C*	CTS LINK MONITOR ACCESS - TSIU	N		

\*\*\* CONTINUED \*\*\*

\*\* CONTINUED \*\*  
WORKSHEETS

CODE	CRIT	DESCRIPTION/MICROCODE	CAT	ACTIVE	SPARES
TN1089	N	ALARM AND DISPLAY - LAU	H		
TN1089B	N	ALARM & DISPLAY - LAU	I		
TN1129	C*	DATA TNTRFCE (A-LAW) TSIU2	C		
TN1129B	C*	30 CH DATA INTERFACE TSIU2	D		
TN1130	C	NCLK DIGITAL PLL - MICU	D		
* THESE PARTS ARE NOT AVAILABLE THROUGH SES-5					
TN1131	C*	NCLK CONTROL - MICU	F		
		MC5D211A1			
TN1274	C	NCLK2 SYNC. HI STAB 24 CH.	D		
TN1274B	C	NCLK2 SYNC. HI STAB 24 CH.	D		-1
TN1275	C*	NCLK2 30 CHAN SYNC RCU CM2	E		-1
TN1275B	C*	NCLK2 30 CHAN SYNC RCU CM2	E		-1
TN1276	C*	NCLK2 CONTROL HI STAB.			
		MC5D215A1	H		-1
		MC5D215A2	H		-1
		MC5D222A1	H		-1
		MC5D222A2	H		-1
TN1283	C*	NCLK OSC HI-STAB 30 CH TOLL	D		
TN1283B	C	NCLK OSC HI STAB 30CH TOLL	E		-1
TN1284	C	NCLK OSC HI-STAB DOMESTIC	D		
TN1284B	C	NCLK OSC HI STAB 24CH TOLL	E		-1
TN1285	C*	NCLK2 30 CHAN MED-STAB OSC	D		
TN1285B	C	NCLK OSC MED STAB 30CH TOLL	D		-1
TN1286	C	NCLK OSC MED-STAB DOMESTIC	C		
TN1286B	C	NCLK OSC MED STAB 24CH TOLL	E		
TN1287	C*	USER INTERFACE DCSS	K		
TN1288	C*	ALARM MAINTENANCE DCSS	L		
TN1294	C*	TSI ANNOUNCEMENT DCSS	I		
TN1300	C*	ENHANCEMENT CONFERENCE DCSS	I		
TN1304	C*	DFI REMOTE 1 24-CHANNEL - RISLU	G		
		MC5D216A1			
TN1304B	C*	DFI REMOTE 1 24CH - DLTU	I		
		MC5D216A1B			
TN1305	C*	30 CH DFI REMOTE 1 DLTU-R	G		
		MC5X405A1			
TN1305B	C*	DFI HOST 1 30CH - RISLU	I		
		MC5X405A1B			
TN1306	C*	DFI REMOTE 1 24-CHANNEL - RISLU	F		
		MC5D217A1			
TN1306B	C	DFI HOST 1 INTFC - DLTU	H		
TN1307	C*	30 CH DFI HOST 1 DLTU-H	I		
		MC5X406A1			
TN1307B	C*	DFI HOST 1 30CH - RISLU	J		
		MC5X406A1B			
TN1309	C*	DFI REMOTE 2 24-CHANNEL - RISLU	E		
		MC5D218A1			
TN1309B	C*	DFI REMOTE - RISLU	H		
		MC5D218A1B			
TN1310	C*	30 CH DFI REMOTE 2 DLTU-R	F		
		MC5X407A1			
TN1310B	C*	30 CH DFI REMOTE 2 DLTU-R	H		
		MC5X407A1B			
TN1310C	C*	DFI HOST 2 30CH - RISLU	H		
		MC5X407A1C			
TN1311	C*	DFI HOST 1 24-CHANNEL - RISLU	F		
		MC5D219A1			
TN1311B	C*	DFI HOST 1 24-CHANNEL - RISLU	I		
		MC5D219A1B			
TN1312	C*	30 CH DFI HOST 2 DLTU-H	F		
		MC5X408A1			
TN1312B	C*	30 CH DFI HOST 2 DLTU-H	I		
		MC5X408A1B			
TN1312C	C*	DFI HOST 2 30CH - RISLU	I		
		MC5X408A1C			
TN1318	C*	RISLU CLOCK STRATUM 3			
		MC5D220A1			
TN1319	C*	RISLU CLOCK STRATUM 4	F		
		MC5D221A1			
TN1319B	C*	RISLU CLOCK STRATUM 4 - DLTU	H		
		MC5D221A1B			
TN1344	C	NCT/DS3 RATE CONVERTER - TRCU	H		
TN1345	C	NCT/DS3 RATE CONVERTER - TRCU	G		
TN1346	C	COMMON CONTROL PROCESSOR - ISLU	G		

\*\*\* CONTINUED \*\*\*

COPYRIGHT © 1995 AT&T  
ALL RIGHTS RESERVED

5ESS SWITCH GLOBAL SPARE PARTS  
WORKSHEET  
SEE ED5D133-13 FOR INSTRUCTIONS

DWG SIZE  
C2

ISSUE  
10

ED5D133-14

AT&T

ED5D133-14

SHEET  
OF

D4  
9

PRINTED IN U.S.A.

\*\* CONTINUED \*\*  
WORKSHEETS

TN1347	C	MC5D101A1	RINGING GENERATOR 20HZ - ISLU	L		
TN1347B	C	MC5X264A1	RINGING GENERATOR 20HZ - ISLU	J		
TN1348	C		METALLIC ACCESS NETWORK - ISLU	D		
TN1363	C*		PERIODIC PULSE METER. TEST MMSU	E		
TN1366	C*		PROTOCOL HANDLER -16 - PSU	M		
TN1366B	C*	MC5D100A1	PROTOCOL HANDLER -16 - PSU	R		
TN1367	C	MC5D100A1B	PROTOCOL HANDLER -3 - PH3-PSU	X		
TN1367B	C	MC5D100A1C	PROTOCOL HANDLER-3 "PH3" - PSU	F		
TN1368	C	MC5D146A1	COMM MOD PROC - CMP	W		-1
TN1369	C	MC5D147A1	CMP MEM BOARD - CMPU	K		-1
TN1370	C		MEU TERMINATOR - MEU	B		
TN1371	C*		MEU TERMINATOR - MEU	AB		
TN1371B	C*	MC5D160A1	PROTOCOL HANDLER-3 "PH3" - PSU	Z		
TN1374	C	MC5X254A1	4MB MEM W/DIST. CONTROL MCTU2	D		
TN1376	C*		8MB MEM W/DIST. - MCTU2	D		
TN1377	C		U-LAW DI W/FANOUT - TSIU2	B		
TN1379	C*		CLOCK SYNC BOARD DCSS	H		
TN1381	C*		CPU DCSS	U		
TN1382	C*		DSI PCM INTERFACE DCSS	N		
TN1383	C*		DSI NETWORK INTRFC DCSS	J		
TN1384	C		25HZ RINGING GEN - ISLU	I		
TN1384B	C		RINGING GEN 25 MHZ - ISLU2	B		
TN1397	C	MC5D112A1B	MICROPROCESSOR CORE - MCTU	F		
TN1401	C*	MC5X250A1	HI LEVEL SVC CKT ISLU	K		
TN1401B	C*	MC5X251A1	HI LEVEL SVC CKT ISLU	K		
TN1402	C*	MC5X259A1B	HI LEVEL SVC CKT ISLU	K		
TN1407	C*	MC5X254A1	MICROPROCESSOR CORE - MCTU	H		
TN1407B	C*		MICROPROCESSOR CORE - MCTU	M		
TN1408	C*		MEMORY CONTROLLER - MCTU	D		
TN1410	C*		DFI-R3 - RISLU	K		
TN1411	C*		DFI-R3 - RISLU	K		
TN1412	C*		HIGH LEVEL SERVICE CKT - ISLU2	B		
TN1414	C		DFI-2	B		
TN1416	C*		DFI-2 - DLTU3	J		
TN1421	C		DATAPORT ATU	L		
TN1505	C*	MC5X266A1	DUAL LINK INTERFACE - FIU	F		
TN1510	C		ECHO CAN. CTRL 32MS DELAY ECSU	N		
TN1511	C*	MC5X409A1	ECHO CAN. CTRL 64MS DELAY ECSU	E		
TN1512	C*		SYNC RATE ADAPTER - LAU	G		
TN1524	C*	MC5D117A1	FANOUT DATA INTERFACE MCTU	B		
TN1527	C		DYNAMIC MEMORY CONTROL - MCTU	E		
TN1533	C		MICROPROCESSOR SUPPORT - MCTU	C		
TN1535	C*		HALF GRID CONCENTRATOR	S		
TN1538	C*		ALIT LO HUMIDITY MMSU	H		
TN1539	C*	MC5X268A1	ALIT MED HUMIDITY MMSU	H		
TN1540	C*	MC5X270A1	ALIT HI HUMIDITY MMSU	H		
TN1561	C*	MC5X272A1	HALF GRID CONCENTRATOR LU2 LU3	R		
TN1575	N		TEST BOARD - TMCU	E		
TN1611	C	MC5D121A1	DFI-2 - TRUNK APP - DLTU2	F		
TN1611B	C	MC5D223A1	DFI-2 - DLTU2	C		
TN1612	C	MC5D223A1B	DFI-2 - RSM APP - DLTU2	G		
TN1612B	C	MC5D224A1	DFI-2 - DLTU2	E		

\*\*\* CONTINUED \*\*\*

\*\* CONTINUED \*\*  
WORKSHEETS

TN1613	C*	MC5D224A1B	ALIT CIRCUIT MMSU	H		
TN1614	C*		ALIT CIRCUIT MMSU	H		
TN1615	C*	MC5X271A1	ALIT CIRCUIT MMSU	H		
TN1617	C		MCTU - FIU	F		
TN1623	C*		4 WIRE E & M CKT DCSS	W		
TN1634	C*		ANNOUNCEMENT STORAGE DSU2	I		
TN1635	C*		EXPANSION ANN. STORAGE DSU2	Q		
TN1636	C*		ALIT - MSU	I		
TN1637	C	MC5X282A1	DIG SERVICE CKT - LDSU	J		
TN1661	C	MC5D140A1	16MB MEM BOARD - MCTU2	H		
TN1670	C		LSI "LINE SIDE INTFC" - IDCU	F		
TN1676	C		METALLIC ACCESS - ISLU2	C		
TN1681	C		QUAD LINK INTERFACE 2 - TMSU2	F		
TN1682	C		QUAD LINK PACKET SW - TMSU2	N		
TN1683	C		GATEWAY PROCESSOR - CMPU	P		
TN1684	C		GATEWAY LINK - CMPU	I		
TN1685	C		MEMORY 32 MB - SM2000	M		
TN1800	C		COMM MOD PROC - CMP	Y		-1
TN1802	C*		MULTIPLEXER - FIU	D		
TN1812	C		CLOCK CONTROL INTERFACE - CM2C	D		-1
TN1813	C		TIME MULTIPLEX SWITCH CONT. CM2C	I		-1
TN1820	C		IOPPS	J		
TN1821	C		CUPS	E		
TN1830	C		SWITCH MOD. LINK INTERFACE CM2C	F		-1
TN1838	C		CLOCK BOARD	F		
TN1839	C		2-CHAN BX.25 SYN LNK CTRL - IOP	H		
TN1841	C		SVC ANN. SYS. - DSU2	P		
TN1842	C		SAS MEM - DSU2	F		
TN1850	C		NCLK NTT 64KB ACC. SYNC. MICU	E		-1
TN1851	C		NCLK NTT HIGH STBL. CONT. CKT.	H		-1
TN2012	C		4 MB MEMORY BOARD	C		
TN2116	C*		SCSI HOST ADAPTOR - DFC	D		
UAF233	ND*	MC3T052A1	5ESS FAN AIR FILTER	A		2
UAF235	ND*	MC3T101A1	FAN AIR FILTER - ISLU/RISLU	A		2
* THESE PARTS ARE NOT AVAILABLE THROUGH SES-5.						
CODE	CRIT	DESCRIPTION/MICROCODE	CAT	ACTIVE	SPARES	
UD1	N	13A ANNOUNCEMENT SYS. - AU	E			
UD2	N	13A ANNOUNCEMENT SYS. - AU	F			
UD3B	N	13A ANNOUNCEMENT SYS. - AU	D			
UD4	N	13A ANNOUNCEMENT SYS. - AU	G			
UD6	N	13A ANNOUNCEMENT SYS. - AU	H			
UM73	C	DATA EXPANSION - TSIU4	E			
UN1	C*	DATA MANIPULATION UNIT - CC	F			
UN1B	C*	DATA MANIPULATION UNIT - CC	F			
UN1C	C	DATA MANIPULATION UNIT - CC	F			
UN2	C*	SPECIAL REGISTER 0 - CC	F			
UN2B	C	SPECIAL REGISTER 0 - CC	F			
UN3	C*	SPECIAL REGISTER 1 - CC	F			
UN3B	C*	SPECIAL REGISTER 1 - CC	F			
UN3C	C	SPECIAL REGISTER 1 - CC	F			
UN6	C*	STORE DATA CONTROLLER - CC	F			
UN6B	C	STORE DATA CONTROLLER - CC	F			
UN9	C*	DUAL SERIAL CHANNEL - CC	H			
UN9B	C	DUAL SERIAL CHANNEL - CC	I			
UN10	C*	CACHE CONTROLLER - CC	F			
UN10B	C*	CACHE CONTROLLER - CC	F			
UN10C	C*	CACHE CONTROLLER - CC	H			
UN10D	C	CACHE CONTROLLER - CC	G			
UN10E	C	CACHE CONTROLLER - CC	F			
UN11	C*	CACHE MEMORY - CC	I			
UN11B	C*	CACHE MEMORY - CC	I			
UN11C	C*	CACHE MEMORY - CC	J			
UN11D	C	CACHE MEMORY - CC	I			
UN16	N*	MICROLEVEL TEST SET INTERFACE	F			
UN16B	N*	MICROLEVEL TEST SET INTERFACE	F			
UN21	C*	UTILITY CIRCUIT - CC	H			
UN21B	C*	UTILITY CIRCUIT - CC	G			
UN22	C*	MAINTENANCE CHANNEL INTERFACE	G			
UN22B	C*	MAINTENANCE CHANNEL INTERFACE	G			
UN22C	C	MAINTENANCE CHANNEL INTERFACE	G			
UN23	C*	DATA MANIPULATION UNIT - CC	G			

\*\*\* CONTINUED \*\*\*

\*\* CONTINUED \*\*  
WORKSHEETS

UN23B	C*	DATA MANIPULATION UNIT - CC	G			
UN23C	C	DATA MANIPULATION UNIT - CC	H			
UN25	C*	I/O MICROPROC - IOP,MSCU,CPU	F			
UN25B	C*	I/O MICROPROC - IOP,MSCU,CPU	G			
UN28	C*	MICROSTORE - CC	J			
UN28B	C*	MICROSTORE - CC	G			
UN28B	C*	MC4C077A1C	MICROSTORE - CC	G		
UN28B	C*	MC4C077A1	MICROSTORE - CC	G		
UN28B	C*	MC4C150A1	MICROSTORE - CC	G		
UN28B	C*	MC4C059A1C	MICROSTORE - CC	G		
UN28B	C*	MC4C000A1B	MICROSTORE - CC	G		
UN28B	C*	MC3T003A1	MICROSTORE - CC	G		
UN28B	C*	MC1B000B1B	MICROSTORE -CC -VLMM	G		
UN28C	C*	CSB - CC	C			
UN30B	C	SIGNAL SCANNER DISTRIBUTOR - CC	I			
UN33	C*	SIGNAL SCANNER DISTRIBUTOR - CC	I			
UN33B	C	SCANNER, SIGNAL DISTRIBUTOR - CC	H			
UN33C	C	SCANNER, SIGNAL DISTRIBUTOR - CC	H			
UN33D	C	SCANNER, SIGNAL DISTRIBUTOR - CC	D			-1
UN34	C*	MAIN STORE UPDATE - DFC/CPU	F			
* THESE PARTS ARE NOT AVAILABLE THROUGH SES-5						
CODE	CRIT	DESCRIPTION/MICROCODE	CAT	ACTIVE	SPARES	
UN34B	C*	MAIN STORE UPDATE - DFC/CPU	F			
UN34C	C*	MAIN STORE UPDATE - DFC/CPU	F			
UN43	C*	STORE ADDRESS CONTROLLER - CC	F			
UN43B	C*	STORE ADDRESS CONTROLLER - CC	F			
UN43C	C*	STORE ADDRESS CONTROLLER - CC	F			
UN43D	C*	STORE ADDRESS CONTROLLER - CC	F			
UN43E	C*	STORE ADDRESS CONTROLLER - CC	F			
UN44	C*	MICROCONTROLLER - CC	G			
UN44B	C*	MICROCONTROLLER - CC	F			
UN45	C*	STORE ADDRESS CONTROLLER - CC	G			
UN45B	C*	STORE ADDRESS CONTROLLER - CC	G			
UN45C	C*	STORE ADDRESS CONTROLLER - CC	J			
UN45D	C*	STORE ADDRESS CONTROLLER - CC	I			
UN45E	C*	STORE ADDRESS CONTROLLER - CC	H			
UN46	C*	DIRECT MEM ACC CONTROLLER - CC	F			
UN46B	C*	DIRECT MEM ACC CONTROLLER - CC	F			
UN46C	C	DIRECT MEM ACC CONTROLLER - CC	F			
UN46D	C	DIRECT MEM ACC CONTROLLER - CC	G			
UN48	C*	4K WRITABLE MICROSTORE - CC	H			
UN48B	C	4K WRITABLE MICROSTORE - CC	L			
UN52	C*	1600 BPI HIGH SPEED TAPE - CPU	K			
UN52B	C*	1600 BPI HIGH SPEED TAPE - CPU	J			
UN54	C*	DISK FILE CONT INTERFACE - CPU	H			
UN55	C	DISK FILE CONT INTERFACE - CPU	I			
UN59	C*	MAIN STORE CONTROLLER - CPU	G			
UN59B	C*	MAIN STORE CONTROLLER - CPU	G			
UN59C	C	MAIN STORE CONTROLLER - CPU	G			
UN61	N	DUAL ACCESS UNIT CKT - CPU	P			
UN62	N*	INTERFACE - FTS	D			
UN64	C	PERIPHERAL DRIVE INTERFACE-CPU	H			
UN71	C	CONTROL INTERFACE - MCTU	G			
UN71B	C	CONTROL INTERFACE - MCTU	C			
UN74	C	FANOUT - CMI	F			
UN120	C	CONTROL MUX - DCLU	I			
UN121	C	DATA MUX - DCLU	C			
UN133	C*	MAIN STORE UPDATE UNIT - CC	F			
UN133B	C*	MAIN STORE UPDATE UNIT - CC	E			
UN133C	C	MAIN STORE UPDATE UNIT - CC	D			
UN133D	C	MAIN STORE UPDATE	I			
UN134	C*	NTTPC - CC	J			
UN135	C*	MC4C087A1	MICROCONTROLLER - CC	F		
UN145B	C*	MC4C076A1	DDSTC - CC	L		
UN170	C	MC4C160A1B	MMP - MSPU/MMP	F		
* THESE PARTS ARE NOT AVAILABLE THROUGH SES-5.						
CODE	CRIT	DESCRIPTION/MICROCODE	CAT	ACTIVE	SPARES	

\*\*\* CONTINUED \*\*\*

COPYRIGHT © 1995 AT&T  
ALL RIGHTS RESERVED

5ESS SWITCH GLOBAL SPARE PARTS  
WORKSHEET  
SEE ED5D133-13 FOR INSTRUCTIONS

DWG SIZE C2 ISSUE 10

\*\* CONTINUED \*\*  
 WORKSHEETS  
 -----  
 UN170B C MMP2 - MSPU/MMP G  
 UN173 C\* FPC - MSPU I -1  
 UN178 C PFC - MSPU I  
 UN182 C SHELF UTILITY - CM2 K  
 UN183 C CONTROL INTERFACE - CM2 F  
 UN186 C DUAL MESSAGE INTERFACE 2 - CMCU H  
 UN187 C DUAL MESSAGE INTERFACE 3 - CMCU H  
 UN192 C DATA FANOUT - PSU  
 MC5D104A1 K  
 MC5D124A1 K  
 MC5D124A1B K  
 UN192B C DATA FANOUT - PSU  
 MC5D104A1B E  
 MC5D124A1C E  
 UN195 C DATA TAP - CM2 C  
 UN196 C CLOCK BOARD - CM2 B  
 UN197 C MUX CONTROL - CM2 B  
 UN198 C LOOP BOARD - CM2 B  
 UN199 C PUMPABLE MICRO CONTROL STORE L -1  
 UN246 C SPECIAL REG 1 - CC F  
 UN248 C WRITABLE MICROSTORE - CC Q  
 UN294 C  
 MC3T051A1 D  
 UN306 C COMMON CONTROL - ISLU F  
 UN307 C COMMON DATA - ISLU C  
 UN310 C DATA END TAP BOARD - CM2 D  
 UN311 C DATA TAP BOARD - CM2 D  
 UN312 C CLOCK END TAP BOARD - CM2 C  
 UN313 C CLOCK TAP BOARD - CM2 C  
 UN321 C TMS INTERFACE 2 - EBU H -1  
 UN322 C COMMON DATA AND CONTROL - LU3 B  
 UN322B C COMMON DATA AND CONTROL - LU3 D  
 UN348 C\* DATA FANOUT - PSU L  
 UN348B C\* DATA FANOUT - PSU L  
 UN359 C CCP COM CONT PROC - IDCU/ISLU2 F  
 UN360 C\* CCP COM CONT INTFC - ISLU2 C  
 UN361 C\* COMMON DATA "CD" - ISLU2 G  
 UN362 C "EIB" ETHERNET INTERFACE - AWS L  
 UN373 C DISK FILE CONTROLLER A - DFC J -1  
 UN375 C DISK DRIVE(W/O KS23908L20) H -1  
 UN375B C DISK DRIVE(W/O KS23908L20) G -1  
 UN376 C TAPE DRIVE(W/O KS23860L1) J  
 UN376B C TAPE DRIVE(W/O KS23860L1) H -1  
 UN377 C PORT SWITCH SCANNER - F -1  
 UN379 C UTILITY CIRCUIT N -1  
 UN392 C COMMON CONTROL INTERFACE- ISLU2 H  
 UN400 C\* COMMON DATA AND CONTROL - LU3 N  
 UN500 C CONTROL REPEATER BOARD - CM2 D  
 UN501 C DATA REPEATER BOARD - CM2 D  
 UN503 C RECEIVE DATA REPEATER - CM2 D  
 UN504 C RECEIVE CONTROL REPEATER - CM2 D  
 UN515 C MICROPROCESSOR CORE - MCTU2 M  
 UN515B C MICROPROCESSOR CORE - MCTU2 D  
 UN516 C CORE SUPPORT 1 - MCTU2 K  
 UN516B C CORE SUPPORT 1 - MCTU2 G  
 UN517 C\* CORE SUPPORT 2 - MCTU2 J  
 MC5D125A1  
 MC5D154A1  
 MC5X285A2  
 MC5X703A1  
 UN517B C\* CORE SUPPORT 2 - MCTU2 C  
 MC5D125A1B  
 MC5D154A1B  
 MC5D173A1  
 MC5D177A1B  
 MC5D197A1B  
 MC5D177A2B  
 MC5X285A2B  
 MC5X703A1B  
 UN518 C APPL1 - MCTU2 C  
 UN520 C SMP20 DATA CACHE - MCTU2 V  
 UN525 C CONDITIONING - DCSS H  
 UN538 C MSG HANDLER - SM2000 M  
 UN539 C APC - SM2000 P  
 UN540 C CORE - SM2000 K  
 UN608 C DATA MANIPULATION UNIT - CC E  
 MC3T001A1

\*\* CONTINUED \*\*  
 WORKSHEETS  
 UN609 C DATA MANIPULATION UNIT - CC G  
 MC3T002A1  
 UN611 C STORE ADDR CONTROLLER - CC E  
 UN612 C STORE ADDR TRANSLATOR - CC I  
 UN615 C UTILITY CIRCUIT - CPU M  
 UN616 C ENLARGED CACHE MEMORY - CC G  
 UN617 C ENLARGED CACHE CONTROLLER - CC L  
 UN618 C MAIN STORE CONTROLLER - CPU E  
 UN619B C COSMOS X.25 DATA LINK MEMORY J  
 \* THESE PARTS ARE NOT AVAILABLE THROUGH SES-5

\*\*\* CONTINUED \*\*\*

COPYRIGHT © 1995 AT&T ALL RIGHTS RESERVED	
5ESS SWITCH GLOBAL SPARE PARTS WORKSHEET SEE ED5D133-13 FOR INSTRUCTIONS	
DWG SIZE C2	ISSUE 10
AT&T	ED5D133-14
SHEET OF D6 9	

ED5D133-14