

| TABLE A-FEATURES | | | | | | | | | | | |
|---|----------|---------------------------|---------------|-----|----------------------|------------|-----|-----|---------------|-----|-----|
| EQUIPMENT | | EQUIPMENT OR CIRCUIT DATA | | | | | | | SD EQUIVALENT | | |
| DESCRIPTION | REF NOTE | RAT-ING | LIST OR GROUP | QTY | EQUIPMENT OR CIRCUIT | L/G OR FIG | WRG | APP | SCHEMATIC | FIG | OPT |
| THIS GROUP PROVIDES PRIMARY AIR FILTER. DA EFF:01/30/00 FE/RA:NONE | | DA | 1 | | | | | | | | |
| THIS GROUP PROVIDES A SET OF UNIT IDENTIFICATION (I.D.) PLUGS. DA EFF:01/30/00 FE/RA:NONE | | DA | 2 | | | | | | | | |
| THIS GROUP PROVIDES WORK CENTER SPARES CAPABLE OF SUPPORTING UP TO 10 KS-22875, LIST 1, L2, L3, L4 AND LIST 5 DISKS. DA EFF:01/30/00 FE/RA:NONE | | DA | 10 | | | | | | | | |
| THIS GROUP IS ORDERED IN ADDITION TO G10 TO PROVIDE WORK CENTER SPARES CAPABLE OF SUPPORTING UP TO 15 ADDITIONAL KS-22875, L1, L2, L3, L4 AND L5 DISKS. DA EFF:01/30/00 FE/RA:NONE | | DA | 11 | | | | | | | | |
| THIS GROUP PROVIDES WORK CENTER SPARES CAPABLE OF SUPPORTING UP TO 20 KS-22875, LIST 10, L11, L13, L14 & L16 DISKS. DA EFF:01/30/00 FE/RA:NONE | | DA | 20 | | | | | | | | |
| THIS GROUP IS ORDERED IN ADDITION TO G20 TO PROVIDE WORK CENTER SPARES CAPABLE OF SUPPORTING UP TO 15 L13, L14 & L16 DISKS. DA EFF:01/30/00 FE/RA:NONE | | DA | 21 | | | | | | | | |
| THIS GROUP PROVIDES WORK CENTER SPARES CAPABLE OF SUPPORTING UP TO 20 KS-22875, L12 AND L17 DUAL CHANNEL 340 MEGABYTE DISK UNITS. DA EFF:01/30/00 FE/RA:NONE | | DA | 25 | | | | | | | | |
| THIS GROUP IS ORDERED IN ADDITION TO GROUP 25 TO PROVIDE WORK CENTER SPARES CAPABLE OF SUPPORTING UP TO 15 ADDITIONAL KS-22875, L12 AND L17 DUAL CHANNEL 340 MEGABYTE DISK UNITS. DA EFF:01/30/00 FE/RA:NONE | | DA | 26 | | | | | | | | |
| THIS GROUP PROVIDES MMC SPARES TO SUPPORT THE KS-22875, L1, L2, L3, L4 AND L5 DISK DRIVES AND PROVIDES PRIMARILY CIRCUIT ALSO INCLUDED IN THIS GROUP ARE AIR FILTERS REQUIRED FOR THE UNIT. ONE G50 WILL SUPPORT UP TO 50 DISK DRIVES. TWO G50'S WILL A WILL SUPPORT UP TO 250 UNITS. DA EFF:01/30/00 FE/RA:NONE | | DA | 50 | | | | | | | | |
| THIS GROUP PROVIDES MMC SPARES TO SUPPORT THE KS-22875, L10, L11, L13, 14 AND L16 DISK DRIVES AND PROVIDES PRIMARILY CIRCUIT BOARDS TO SUPPORT THE UNITS. ALSO INCLUDED IN THIS GROUP ARE AIR FILTERS REQUIRED FOR THE UNIT. ONE G56 WILL SUPPORT UP TO 50 DISK DRIVES. TWO G55'S WILL SUPPORT A TOTAL OF 100 UNITS. THREE G55'S WILL SUPPORT UP TO 250 UNITS. DA EFF:01/30/00 FE/RA:NONE | | DA | 55 | | | | | | | | |

TABLE-A CONTINUED

ED4C477-30

ENGINEERING NOTES

***** CONTINUED *****

IF $3.5 < E <= 5$,
THEN QUANTITY G60 ORDERED = 2
THEN QUANTITY G61 ORDERED = 2

IF $5 < E <= 6$,
THEN QUANTITY G60 ORDERED = 3
THEN QUANTITY G61 ORDERED = 2

IF $6 < E <= 7.5$,
THEN QUANTITY G60 ORDERED = 3
THEN QUANTITY G61 ORDERED = 3

IF $7.5 < E <= 8.5$,
THEN QUANTITY G60 ORDERED = 4
THEN QUANTITY G61 ORDERED = 3

IF $8.5 < E <= 10$,
THEN QUANTITY G60 ORDERED = 4
THEN QUANTITY G61 ORDERED = 4
QUANTITY OF G65 AND G66
 $E' = (Y' + Z')/100$

IF $E' <= 1$,
THEN QUANTITY G65 ORDERED = 1
THEN QUANTITY G66 ORDERED = 0

IF $1 < E' <= 2.5$,
THEN QUANTITY G65 ORDERED = 1
THEN QUANTITY G66 ORDERED = 1

IF $2.5 < E' <= 3.5$,
THEN QUANTITY G50 ORDERED = 2
THEN QUANTITY G66 ORDERED = 1

IF $3.5 < E' <= 5$,
THEN QUANTITY G65 ORDERED = 2
THEN QUANTITY G66 ORDERED = 2

IF $5 < E' <= 6$,
THEN QUANTITY G65 ORDERED = 3
THEN QUANTITY G66 ORDERED = 2

IF $6 < E' <= 7.5$,
THEN QUANTITY G65 ORDERED = 3
THEN QUANTITY G66 ORDERED = 3

IF $7.5 < E' <= 8.5$,
THEN QUANTITY G65 ORDERED = 4
THEN QUANTITY G66 ORDERED = 3

IF $8.5 < E' <= 10$,
THEN QUANTITY G65 ORDERED = 4
THEN QUANTITY G66 ORDERED = 4

57. IF THE RECOMMENDED CENTER OF WORK LEVEL SPARES ARE MAINTAINED AND PARTS REPLACED AS THEY ARE USED, THE MMC SPARES WILL BE ADEQUATE TO MEET THE NEEDS OF THE WORK CENTERS. THIS ASSUMES THE PROPER MMC SPARES HAVE BEEN ORDERED AND STOCKED PER THE RECOMMENDATIONS OF THIS DOCUMENT.

58. THESE ITEMS MUST BE OBTAINED FROM CONTROL DATA CORPORATION. NO OTHER SOURCE FOR THESE ITEMS IS APPROVED.

59. THESE ITEMS CAN BE RETURNED FOR REPAIR. PRIOR TO RETURNING THE ITEM TO THE VENDOR FOR REPAIR, THE VENDOR'S CUSTOMER SERVICE ORGANIZATION MUST BE CONTACTED AND A RETURN AUTHORIZATION NUMBER ASSIGNED.

60. THESE ITEMS ARE NOT RETURNABLE FOR REPAIR.

61. A WRIST STRAP FOR GROUNDING THE INDIVIDUAL MUST BE WORN WHEN INSTALLING OR REMOVING THESE ITEMS FROM THE UNIT MOUNTING OR THE UNIT. A STATIC GROUND WRIST STRAP FROM THE 3M COMPANY IS RECOMMENDED, P/N 3M2066. WRIST STRAPS CAN BE ORDERED FROM CONTROL DATA CORPORATION, P/N 12263496, OR FROM ALTERNATE SOURCES.

62. ALL CIRCUIT BOARDS MUST BE PLACED IN AND STORED IN A STATIC SHIELDING BAG EXCEPT WHEN MOUNTED IN THE UNIT. BOARDS SHALL NOT BE PLACED ON ANY SURFACE UNLESS PLACED IN A STATIC SHIELDING BAG. DAMAGE TO THE BOARDS MAY RESULT IF THESE PROCEDURES ARE NOT STRICTLY ADHERED TO. BOARDS ARE SHIPPED FROM CONTROL DATA CORPORATION IN THE STATIC SHIELDING BAGS. ADDITIONAL STATIC SHIELDING BAGS CAN BE OBTAINED FROM THE 3M COMPANY, P/N 3M2100, OR EQUIVALENT.

63. AN OHMMETER SHALL NEVER BE USED ON THIS BOARD. DAMAGE MAY OCCUR IF THIS PROCEDURE IS NOT FOLLOWED.

ENGINEERING NOTES

***** CONTINUED *****

IF $6 < B' <= 8.5$,
THEN QUANTITY G21 ORDERED = 3

IF $8.5 < B' <= 10$,
THEN QUANTITY G21 ORDERED = 4
QUANTITY OF G25
 $C' = Z'/10$

IF $1 < C' <= 2.5$,
THEN QUANTITY G25 ORDERED = 1

IF $2.5 < C' <= 5$,
THEN QUANTITY G25 ORDERED = 2

IF $5 < C' <= 7.5$,
THEN QUANTITY G25 ORDERED = 3

IF $7.5 < C' <= 10$,
THEN QUANTITY G25 ORDERED = 4
QUANTITY OF G26
 $F' = Z'/10$

IF $F' <= 1$,
THEN QUANTITY G26 ORDERED = 0

IF $1 < F' <= 3.5$,
THEN QUANTITY G26 ORDERED = 1

IF $3.5 < F' <= 6$,
THEN QUANTITY G26 ORDERED = 2

IF $6 < F' <= 8.5$,
THEN QUANTITY G26 ORDERED = 3

IF $8.5 < F' <= 10$,
THEN QUANTITY G26 ORDERED = 4
MATERIAL MANAGEMENT CENTER SPARES
QUANTITY OF G50
 $D = W'/50$

IF $D <= 1$,
THEN QUANTITY G50 ORDERED = 1

IF $1 < D <= 2$,
THEN QUANTITY G50 ORDERED = 2

IF $2 < D <= 5$,
THEN QUANTITY G50 ORDERED = 3

IF $5 < D <= 6$,
THEN QUANTITY G50 ORDERED = 4

IF $6 < D <= 8$,
THEN QUANTITY G50 ORDERED = 5

IF $8 < D <= 11$,
THEN QUANTITY G50 ORDERED = 6
QUANTITY OF G55
 $D' = Y'/50$

IF $D' <= 1$,
THEN QUANTITY G55 ORDERED = 1

IF $1 < D' <= 2$,
THEN QUANTITY G55 ORDERED = 2

IF $2 < D' <= 5$,
THEN QUANTITY G55 ORDERED = 3

IF $5 < D' <= 6$,
THEN QUANTITY G55 ORDERED = 4

IF $6 < D' <= 8$,
THEN QUANTITY G55 ORDERED = 5

IF $8 < D' <= 11$,
THEN QUANTITY G55 ORDERED = 6
QUANTITY OF G56
 $G' = Z'/50$

IF $G' <= 1$,
THEN QUANTITY G56 ORDERED = 1

IF $1 < G' <= 2$,
THEN QUANTITY G56 ORDERED = 2

IF $2 < G' <= 5$,
THEN QUANTITY G56 ORDERED = 3

IF $5 < G' <= 6$,
THEN QUANTITY G56 ORDERED = 4

IF $6 < G' <= 8$,
THEN QUANTITY G56 ORDERED = 5

IF $8 < G' <= 11$,
THEN QUANTITY G56 ORDERED = 6
QUANTITY OF G60 AND G61
 $E = W'/100$

IF $E <= 1$,
THEN QUANTITY G60 ORDERED = 1
THEN QUANTITY G61 ORDERED = 0

IF $1 < E <= 2.5$,
THEN QUANTITY G60 ORDERED = 1
THEN QUANTITY G61 ORDERED = 1

IF $2.5 < E <= 3.5$,
THEN QUANTITY G50 ORDERED = 2
THEN QUANTITY G61 ORDERED = 1

IF $3.5 < E <= 5$,
THEN QUANTITY G50 ORDERED = 2
THEN QUANTITY G61 ORDERED = 1

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| XT99 | |
| COMMON SYSTEMS 3B PROCESSOR SPECIFICATION FOR SPARE PARTS LIST FOR KS-22875 FIXED SMALL DISK | |
| DWG SIZE C2 | ISSUE 5 |
| LUCENT TECHNOLOGIES INC | ED4C477-30 |
| SHEET OF | A2 5 |

TABLE A-FEATURES (CONTINUED)

| EQUIPMENT | | EQUIPMENT OR CIRCUIT DATA | | | | | | | SD EQUIVALENT | | |
|---|----------|---------------------------|---------------|-----|----------------------|------------|-----|-----|---------------|-----|-----|
| DESCRIPTION | REF NOTE | RAT-ING | LIST OR GROUP | QTY | EQUIPMENT OR CIRCUIT | L/G OR FIG | WRG | APP | SCHEMATIC | FIG | OPT |
| THIS GROUP PROVIDES MMC SPARES TO SUPPORT THE KS-22875,L12 AND L17 DUAL CHANNEL DISK UNITS AND PROVIDES PRIMARILY CIRCUIT BOARDS TO SUPPORT THE UNITS. ALSO INCLUDES IS AN AIR FILTER FOR THE UNIT. ONE G56 WILL SUPPORT UP TO 50 DISKS DRIVES. TWO G56'S WILL SUPPORT A TOTAL OF 100 UNITS. THREE G56'S WILL SUPPORT UP TO 250 UNITS. DA EFF:01/30/00 FE/RA:NONE | | DA | 56 | | | | | | | | |
| THIS GROUP PROVIDES MMC SPARES AND CONTAINS ELECTRO-MECHANICAL ITEMS NECESSARY TO SUPPORT THE KS-22875,L1, L2, L3, L4 AND L5 DISK DRIVES. THIS GROUP IS REQUIRED IN ADDITION TO G50 AND WILL SUPPORT UP TO 100 KS-22875, L1, L2, L3, L4 AND L5 DISK DRIVES. DA EFF:01/30/00 FE/RA:NONE | | DA | 60 | | | | | | | | |
| THIS GROUP PROVIDES MMC SPARES AND CONTAINS ELECTRO-MECHANICAL ITEMS NECESSARY TO SUPPORT THE KS-22875,L1, L2, L3, L4 AND L5 DISK DRIVES. THIS GROUP IS REQUIRED IN ADDITION TO G50 AND G60. THE SPARES WILL EXTEND THE COVERAGE TO 250 UNITS. DA EFF:01/30/00 FE/RA:NONE | | DA | 61 | | | | | | | | |
| THIS GROUP PROVIDES MMC SPARES AND CONTAINS ELECTRO-MECHANICAL ITEMS NECESSARY TO SUPPORT THE KS-22875,L10, L11, L13, L14 AND L16 DISK DRIVES. THIS GROUP IS REQUIRED IN ADDITION TO G55 AND WILL SUPPORT UP TO 100 KS-22875, L10, L11, L13, L14 AND L16 DISK DRIVES. DA EFF:01/30/00 FE/RA:NONE | | DA | 65 | | | | | | | | |
| THIS GROUP PROVIDES MMC SPARES AND CONTAINS ELECTRO-MECHANICAL ITEMS NECESSARY TO SUPPORT THE KS-22875,L10, L11, L13, L14 AND L16 DISK DRIVES. THIS GROUP IS REQUIRED IN ADDITION TO G55 AND G65. THE SPARES WILL EXTEND THE COVERAGE TO 250 UNITS. DA EFF:01/30/00 FE/RA:NONE | | DA | 66 | | | | | | | | |
| END OF TABLE-A | | | | | | | | | | | |

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XT99

COMMON SYSTEMS
3B PROCESSOR
SPECIFICATION
FOR
SPARE PARTS LIST
FOR
KS-22875 FIXED SMALL DISK

DWG SIZE C2 ISSUE 5

ED4C477-30

LUCENT TECHNOLOGIES INC ED4C477-30

SHEET A3 OF 5

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| STOCKLIST | | | | | | | | |
|-----------|-----------------|--------------|--------------------|------|--|--------------------|------|----------------------------|
| ITEM NBR | LIST GROUP CODE | QTY PER CODE | PRODUCT IDENTIFIER | CODE | DESCRIPTION | REFERENCE POSITION | NOTE | |
| | | | | | | | SYM | NBR |
| 1010 | 1 | 1 | 403322266 | | FILTER, AIR #72852570 PRIMARY CONTROL DATA CORP. | | S | 58 60 |
| 1020 | 10,50 | 1 | 403921919 | | CARD #54020505 PC EEBN SINGLE CHANNEL I/O CONTROL DATA CORP. | | S | 58 59 61 62 |
| 1030 | 10,50 | 1 | 403371198 | | CARD #54332504 DPFX DATA LATCH CONTROL DATA CORP | | S | 58 59 61 62 |
| 1040 | 10,50 | 1 | 403921893 | | CARD #54332907 PC GPGX READ/WRITE PLO CONTROL DATA CORP. | | S | 58 59 61 62 |
| 1050 | 10,50 | 1 | 403371180 | | CARD #54334903 PC DPMX MOTOR SPEED CONTROL CONTROL DATA CORP | | S | 58 59 61 62 |
| 1060 | 10,11 | 1 | 403371156 | | CARD #54338905 PC FPXX CONTROL BOARD CONTROL DATA CORP | | S | 58 59 61 62 63 |
| 1070 | 50 | 2 | 403371156 | | CARD #54338905 PC FPXX CONTROL BOARD CONTROL DATA CORP | | S | 58 59 61 62 63 |
| 1080 | 10,50 | 1 | 403371149 | | CARD #54342903 PC DQHX POWER AMP CONTROL DATA CORP | | S | 58 59 61 62 |
| 1090 | 50 | 2 | 403322266 | | FILTER, AIR #72852570 PRIMARY CONTROL DATA CORP. | | S | 58 60 |
| 1100 | 60 | 1 | 403921901 | | CARD, PANEL #54330909 PC KPBX OPERATOR CONTROL DATA CORP. | | S | 58 59 61 62 |
| 1110 | 60,61 | 1 | 403203912 | | ACTUATOR, SOLENOID #72854300 CONTROL DATA CORP. | | S | 58 60 61 |
| 1120 | 60,61 | 1 | 403893514 | | FAN #81235101 DC CONTROL DATA CORP. | | S | 58 60 61 |
| 1130 | 60 | 2 | 900658832 | | SPINDLE, BREAK #72858000 CONTROL DATA CORP. | | S | 58 60 61 |
| 1140 | 61 | 1 | 900658832 | | SPINDLE, BREAK #72858000 CONTROL DATA CORP. | | S | 58 60 61 |
| 1150 | 60 | 1 | 403921992 | | CABLE ASSEMBLY #93151303 CONTROL DATA CORP. | | S | 58 60 61 |
| 1160 | 60 | 1 | 403371255 | | CABLE ASSEMBLY #93458300 CONTROL DATA CORP | | S | 58 60 61 |
| 1170 | 60 | 1 | 403371248 | | CABLE, JUMPER #95276300 CONTROL DATA CORP. | | S | 58 60 61 |

STOCKLIST CONTINUED ON SHEET D2

| | | |
|---|-----------------------|---------------------|
| S H O P X | I N S T X | MANUFACTURING NOTES |
| 1. S - INDICATES 'PARTS ARE NOT ASSEMBLED, SHIPPED SEPARATE'. | | |

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| COMMON SYSTEMS 3B PROCESSOR SPECIFICATION FOR SPARE PARTS LIST FOR KS-22875 FIXED SMALL DISK | | XT99 | |
| DWG SIZE C2 | ISSUE 5 | | |
| LUCENT TECHNOLOGIES INC | | ED4C477-30 | SHEET D1 OF 5 |

| STOCKLIST | | | | | | | | |
|-------------|-----------------------|--------------------|-----------------------|------|--|-----------------------|------|----------------------------|
| ITEM NBR | LIST GROUP CODE | QTY PER CODE | PRODUCT IDENTIFIER | CODE | DESCRIPTION | REFERENCE POSITION | NOTE | |
| | | | | | | | SYM | NBR |
| 1175 | 60 | 1 | 403892847 | | ASSEMBLY, HEAD DISK #92396301 160 MB CONTROL DATA CORP. | | S | 58 59 61 |
| 1190 | 20,25,55, 56 | 1 1 | 403576390 | | CARD #54381306 PC FUGX READ/WRITE CONTROL DATA CORP. | | S | 58 59 61 62 |
| 1200 | 20,25,55, 56 | 1 1 | 403576366 | | CARD #54367305 PC BSWY PWR AMP MOTOR CONT CONTROL DATA CORP. | | S | 58 59 61 62 |
| 1210 | 20,21,25, 56 | 1 1 | 403833049 | | CARD, PC,AVCX CONTROL BOARD #54389326 CONTROL DATA CORP | | S | 58 59 61 62 63 |
| 1220 | 55,56 | 2 | 403833049 | | CARD, PC,AVCX CONTROL BOARD #54389326 CONTROL DATA CORP | | S | 58 59 61 62 63 |
| 1230 | 20,25,55, 56 | 1 1 | 403576408 | | CARD #54384502 PC CUQX FAULT DISPLAY CONTROL DATA CORP. | | S | 58 59 61 62 |
| 1235 | 25,26,56 | 1 | 403921885 | | CARD #54374901 PC CTQX DUAL CHANNEL I/O CONTROL DATA CORP. | | S | 59 61 62 |
| 1240 | 20,21,55 | 1 | 403576382 | | CARD #54368102 PC CSYX SINGLE CHANNEL SMD-O CONTROL DATA CORP. | | S | 58 59 61 62 |
| 1250 | 55,56 | 2 | 403322266 | | FILTER, AIR #72852570 PRIMARY CONTROL DATA CORP. | | S | 58 60 |
| 1260 | 65 | 1 | 403921901 | | CARD, PANEL #54330909 PC KPBX OPERATOR CONTROL DATA CORP. | | S | 58 59 61 62 |
| 1270 | 65,66 | 1 | 403446693 | | ASSEMBLY, FAN #81235102 CONTROL DATA CORP. | | S | 58 60 61 |
| 1280 | 65 | 2 | 403576432 | | CONNECTOR, BRAKE #72856100 CONTROL DATA CORP. | | S | 58 60 61 |
| 1290 | 66 | 1 | 403576432 | | CONNECTOR, BRAKE #72856100 CONTROL DATA CORP. | | S | 58 60 61 |
| 1300 | 65 | 2 | 403568710 | | ASSEMBLY, MODULE #72854200 GROUND SPRING CONTROL DATA CORP. | | S | 58 60 61 |
| 1305 | 65 | 1 | 403892854 | | ASSEMBLY, HEAD DISK #73090403 340 MB CONTROL DATA CORP. | | S | 58 59 61 |
| 1307 | 65 | 1 | 403921984 | | ASSEMBLY, MOTOR AND CABLE #94231900 CONTROL DATA CORP. | | S | 59 61 62 |
| 1310 | 66 | 1 | 403568710 | | ASSEMBLY, MODULE #72854200 GROUND SPRING CONTROL DATA CORP. | | S | 58 60 61 |

***** END OF STOCKLIST *****

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| | | DWG SIZE C2 | ISSUE 5 |
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