

UNISYS

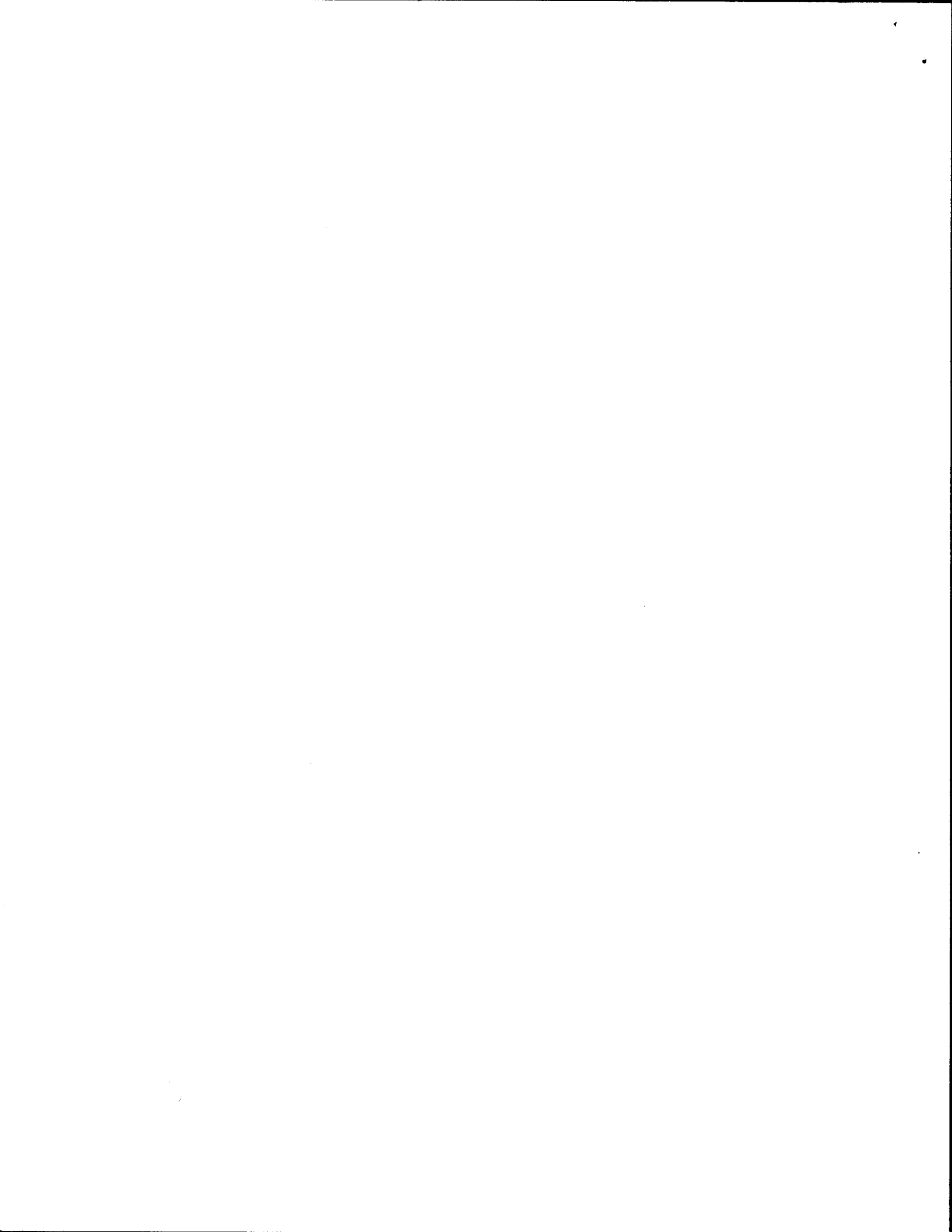
SYSTEM MAINTENANCE PACKAGE DOCUMENT

FOR S80 MODELS 3-6,8,10,15,20

DOCUMENT NO. SMPD 13B

MAY, 1991

70056395-000



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1. INTRODUCTION

SMP13B is available upon request to all customers registered on SURETY or an active OS/3 13.1 maintenance plan.

Once this SMP is installed, all UCFs and contacts with Customer Support Center, Blue Bell, should reference System Release Level 13.1.2B.

1.1 SMP CONCEPT

Each SMP is unique and sequential. System Maintenance Changes (SMCs) in an SMP are not repeated in a subsequent SMP. You must apply each SMP to be able to apply future SMPs. Hence, SMP13A must be applied prior to applying SMP13B.

The SMP application process selects SMCs applicable to your software level and automatically applies them. SMCs which have already been applied to your system are automatically bypassed.

SMCs contained in an SMP are candidates for inclusion in the next OS/3 13.1 media update. Documentation changes will be included in a later revision of the release documentation.

1.2 SMP MEDIA NAMING CONVENTION

1.2.1 SMP NUMBER

SMPs are identified by the following naming convention:

SMPrrl

Where: rr is the major release number
l is the SMP identification character

For example, this SMP is SMP13B.

1.2.2 MEDIA VSN

SMP distribution is through Corporate Software and Publications Operations. SMPs are distributed on diskette for all SYSTEM 80 models.

Volume Serial Numbers have the following naming convention:

SMrrls

Where: SM = fixed characters
rr = numeric release level
l = alpha SMP identification character
s = numeric diskette sequence identification character

For example, the VSN of the diskette for SMP13B is SM13B1.

2. SOFTWARE LEVEL

Current level of the OS/3 13.1 System:

	<u>DATE</u>
o Release 13.1 FCS	June, 1990
o Release 13.1 SMP13A	November, 1990
o Release 13.1 SMP13B	May, 1991

Includes Broadcast B13A SMC.

3.1 INPUT MEDIA

<u>MEDIA</u>	<u>VSN</u>	<u>FORMAT</u>	<u>CONTENTS</u>
SMP13B DOCUMENT	N/A	N/A	SMP13B DESCRIPTION INFORMATION
3 DISKETTES (8420)	SM13B1 SM13B2 SM13B3	SMC SMC SMC	DISKETTE CONTAINING SYSTEM MAINTENANCE CHANGES (SMCs)

3.2 APPLICATION TIME

Application time will vary depending upon the amount of cache memory assigned and the number of program products installed. The approximate time required to apply all SMCs in this SMP is:

SYSTEM 80	Model 6	CACHE= 256	84 Mins.
SYSTEM 80	Model 20	CACHE=2048	32 Mins.

3.3 SPACE REQUIREMENTS

The following table details the maximum number of cylinders required to install SMP13B.

<u>DEVICE TYPE</u>	<u>CYLINDERS REQUIRED WITHOUT BACKOUT</u>	<u>ADDITIONAL CYLINDERS REQUIRED FOR BACKOUT USAGE</u>
8417	17	23
8419	40	48
8433	22	27
8470	5	10
8494	8	10
9720	8	10

3.4 PRE-INSTALLATION PREPARATION

It is a good practice before applying any SMP to do file maintenance on your resident device. The type of file maintenance appropriate to your environment depends on the resident device type that you are using.

Before applying the SMP, it is recommended that certain files be erased prior to installation. These files include SMCBSAT, SMCBMIR, SMCBTRAN and the SMCFILE. It is recommended that these files are erased by running RV SMC,,B=INIT. Using RV SMC,,B=INIT will assure that your backout files are correctly reinitialized the next time SMC is run.

A SETREL/COPYREL to copy files to another device may also be required if sufficient space is not achieved by erasing the above backout and/or user-created files. The SETREL/COPYREL process recovers space in files lost due to SMC/SMP application. If the SETREL/COPYREL must be done, a Librarian B056 error will occur on the SMCFILE. This error will be corrected during SMP application.

An alternative to SETREL/COPYREL is to place your backout files on an alternate device.

3.5 SMP13B INSTALLATION

- o Be certain your system is backed up.
- o Do not multiprogram.
- o IPL the system so you are running with SY@BAS on System 80 Models 3-6, SY#BAS on Model 8, or SY\$BAS on Models 10,15,20 (basic supervisor), even if you are already operating under that supervisor.

If you must use your own supervisor, it must be generated with:

- at least two job slots
 - timer support
 - RESBUFSIZE = 500 and EXPREGION = 4096
- o If you have spooling, you can reduce the amount of printer output by suppressing the printing of header pages. To do this, enter on the console:

SE SPL,NOH

- o Do not hold the job queue.
- o The mix of SMCs in this SMP require turning Memory Consolidation and Job Immovability off during SMP installation and System Generations. To do this enter:

```
SE IM,OFF
SE MC,OFF
```

- o Reinitialize SMC Backout files.

```
RV SMC,,B=INIT
```

NOTE: To place your backout files on your alternate disk, key in:

```
RV SMC,,B=(A,xxxxxx)
```

Where B = optional parameter for alternate disk usage
 A = allows backup for an alternate disk
 xxxxxx = the VSN of the alternate disk

- o Mount the SMP input media.

```
RV SMC,,INPUT=(DKD,SM13B1)
```

- o When prompted: MOUNT DEV=nnn VSN=SM13B2
 mount second diskette with the label of SM13B2.
- o When prompted: MOUNT DEV=nnn VSN=SM13B3
 mount second diskette with the label of SM13B3.
- o Review the Audit Trail report for any special instructions or information regarding problems encountered.

```
*****
*   Once the SMP is installed, make sure all supervisors and ICAMs are   *
*   are regenerated before you re-IPL.                                   *
*****
```

- o You must IPL using the "S" (Standard) option in order to update the symbiont directory table.

3.6 COLUMN INFORMATION

The table in Attachment A lists all SMCs contained in SMP13B in SMC number order.

The column headings are defined as follows:

SMC NUMBER System Maintenance Change Number having the following naming convention:

Crrnnnn

Where rr = Release
 nnnn = SMC Sequence Number

SYS System applicability indicator. If "S" applies to SYSTEM 80 Model 3-6 only. If "8" applies to SYSTEM 80 Models 7E, 8, 10, 15, 20 only. If "T" applies to SYSTEM 80 Models 3-6, 7E, 8, 10, 15, 20 only. If blank, this equates to "C" used in the SMC description and applies to all SYSTEM 80 models.

COMP NUM. Four-character software component number of the product to which the change applies.

COMPONENT NAME Name associated with the software component number.

REGENERATION Type of software regeneration required:

S-I-N-L-C-M-D

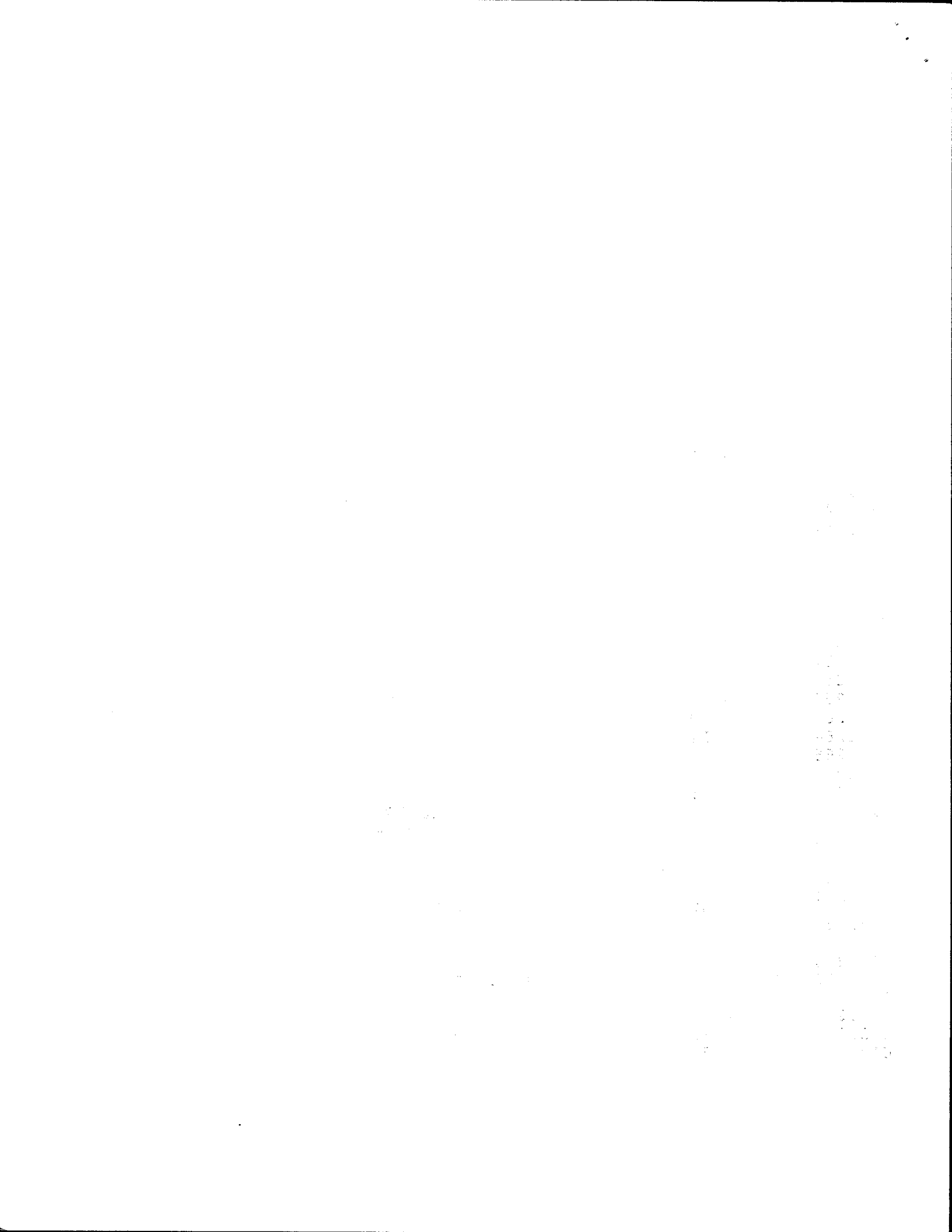
Where S = Supervisor
 I = ICAM
 N = NTR
 L = RE-LINK OF ICAM
 C = COBOL CMCS
 M = IMS
 D = DMS

PRODUCT NUMBER Unisys assigned product number.

ATTACHMENT A

SMCs CONTAINED IN SMP13B

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SMCS IN SMP13B LISTED BY SMC NUMBER

SMC NUMBER	SYS	COMP NUM	COMPONENT NAME	REGENERATION S-I-N-L-C-M-D
C131086		A850	DATA MANAGEMENT SYSTEMS	
C131103		A701	SYSTEM INSTALLATION TOOLS	
C131152		A014	WSAM	
C131155		A300	COMMUNICATIONS (ICAM)	L
C131195		A317	ICAM- STANDARD MCP-TCI	L
C131198		A803	MULTI-THREAD ON-LINE IMS	M
C131201		A862	DATA BASE MGMT SYSTEMS (DBMS)	
C131216		A201	SAT DATA MANAGEMENT	S
C131222		A203	TAPE DATA MANAGEMENT	
C131223		A027	JOB -SYMBIONT TERM.	
C131226		A011	SCREEN FORMAT COORDINATOR	
C131227		A701	SYSTEM INSTALLATION TOOLS	
C131229		A803	MULTI-THREAD ON-LINE IMS	M
C131230	8	A803	MULTI-THREAD ON-LINE IMS	M
C131231		A203	TAPE DATA MANAGEMENT	
C131232		A500	GENERAL JOB CONTROL	
C131237		A000	PIOCS	S
C131238		A010	SPOOLER, INTZ, TRANSIENTS	
C131241		A025	JOB-SYMBIONT INITIALIZATION	S
C131242		A800	INFORMATION MGMT. SYS. (IMS)	
C131243		A803	MULTI-THREAD ON-LINE IMS	M
C131244		A022	MEMORY MANAGEMENT	S
C131246		A803	MULTI-THREAD ON-LINE IMS	M
C131248		A022	MEMORY MANAGEMENT	
C131251		A019	JOBLOG REPORT PROGRAM	
C131252		A011	SCREEN FORMAT COORDINATOR	
C131253		A300	COMMUNICATIONS (ICAM)	L
C131255		A022	MEMORY MANAGEMENT	
C131257		A803	MULTI-THREAD ON-LINE IMS	M
C131258		A016	REMOTE UNISCOPE TERM INTER.	
C131259		A023	OPERATOR INPUT PROCESSING	S
C131263		A700	SYSTEM GENERATION (SYSGEN)	
C131264		A211	DM DISKETTE SUPPORT	
C131265		A862	DATA BASE MGMT SYSTEMS (DBMS)	
C131266		A300	COMMUNICATIONS (ICAM)	L
C131267		A026	CHECKPOINT-RESTART	
C131268		A023	OPERATOR INPUT PROCESSING	S
C131269		A016	REMOTE UNISCOPE TERM INTER.	
C131273		A300	COMMUNICATIONS (ICAM)	L
C131275		A750	DISK PREP (DSKPRP)	
C131276		A120	RPG II	
C131277		A380	GENERAL INTERACTIVE SERVICES	
C131281	8	A000	PIOCS	
C131283		A850	DATA MANAGEMENT SYSTEMS	
C131285		A000	PIOCS	S
C131287	T	8400	ON-LINE DIAGNOSTICS (OLM)	
C131289		A155	FORTRAN77	
C131293		A750	DISK PREP (DSKPRP)	
C131294		A710	DUMP FACILITY SYSDUMP-JOBDUMP	
C131302		A372	MLU MODULES	

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SMCS IN SMP13B LISTED BY SMC NUMBER (CONTINUED)

<u>SMC NUMBER</u>	<u>SYS</u>	<u>COMP NUM</u>	<u>COMPONENT NAME</u>	<u>REGENERATION S-I-N-L-C-M-D</u>
C131304		A330	ICAM- SYSTEM GENERATION	
C131308		A317	ICAM- STANDARD MCP-TCI	L
C131312		A304	ICAM- DDI - DMI WORK STATION	L
C131314		A110	ASSEMBLER	
C131315		A009	OUT WRITER, INP RDR, SPL CMDS	
C131316		A500	GENERAL JOB CONTROL	
C131318		A012	SCREEN FORMAT GENERATOR	
C131320		A381	DYNAMIC FILE MANAGEMENT	
C131321		A010	SPOOLER, INITZ, TRANSIENTS	
C131322		A201	SAT DATA MANAGEMENT	
C131325		A862	DATA BASE MGMT SYSTEMS (DBMS)	
C131326		A376	DDP - INTERPROCESS CONTROL	
C131328		A372	MLU MODULES	
C131329		A312	ICAM- DUST	L
C131332		A023	OPERATOR INPUT PROCESSING	S
C131333		A211	DM DISKETTE SUPPORT	
C131335		A000	POICS	
C131336		8401	SYSTEM ACTIVITY MONITOR (SAM)	
C131337		A023	OPERATOR INPUT PROCESSING	S
C131341		A880	TPS	
C131342		A020	GENERAL SUPERVISOR	
C131344		A500	GENERAL JOB CONTROL	
C131345		A020	GENERAL SUPERVISOR	S
C131346		A022	MEMORY MANAGEMENT	S
C131347		A020	GENERAL SUPERVISOR	S
C131349		A027	JOB-SYMBIONT TERM.	
C131350		A020	GENERAL SUPERVISOR	
C131351		A022	MEMORY MANAGEMENT	
C131352		A862	DATA BASE MGMT SYSTEMS (DBMS)	
C131355		A207	SPACE MANAGEMENT	
C131356		A317	ICAM- STANDARD MCP-TCI	L
C131358		A016	REMOTE UNISCOPE TERM INTER.	
C131362		A378	DDP - TRANSIENTS & MESSAGES	
C131363		A012	SCREEN FORMAT GENERATOR	
C131364		A010	SPOOLER, INITZ, TRANSIENTS	
C131365		A025	JOB-SYMBIONT INITIALIZATION	
C131366		A372	MLU MODULES	
C131368		A000	PIOCS	
C131369		A011	SCREEN FORMAT COORDINATOR	
C131370		A311	ICAM- CORE-DISC QUEUEING	L
C131374		A207	SPACE MANAGEMENT	
C131376		A000	PIOCS	S
C131377		A023	OPERATOR INPUT PROCESSING	S
C131379		A862	DATA BASE MGMT SYSTEMS (DBMS)	
C131380		A165	ANSI 74 COBOL	
C131382		A300	COMMUNICATIONS (ICAM)	L
C131393		A380	GENERAL INTERACTIVE SERVICES	
C131397		A120	RPG II	
C131398		A330	ICAM- SYSTEM GENERATION	
C131401		A380	GENERAL INTERACTIVE SERVICES	

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SMCS IN SMP13B LISTED BY SMC NUMBER (CONTINUED)

<u>SMC NUMBER</u>	<u>SYS</u>	<u>COMP NUM</u>	<u>COMPONENT NAME</u>	<u>REGENERATION S-I-N-L-C-M-D</u>
C131402		A022	MEMORY MANAGEMENT	
C131403		A175	C-COMPILER	
C131405		A300	COMMUNICATIONS (ICAM)	L
C131406		A300	COMMUNICATIONS (ICAM)	L
C131412		A020	GENERAL SUPERVISOR	
C131441		2520	SYSTEM MAINT. PACKAGE (SMP)	



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FORM

FORM

SHIP FROM

: SHIP TO

UNISYS CANADA INC.
CANADIAN LOGISTICS CENTRE - SOFTWARE
61 MIDDLEFIELD ROAD
SCARBOROUGH, ONTARIO, M1S-5A9
SENT BY: JIM LEIPER

: DISTRICT OF COQUITLAM
: 1111 BRUNETTE AVE.
: COQUITLAM, B.C.
: V3K 1E9
: ATTN: HORST LOEFFLER

CUSTOMER
NAME

CONTRACT STYLE
NUMBER NUMBER

PRODUCT
DESCRIPTION

REL.
LEV.

PRODUCT
INFORM.

MEDIA
INFORM

DISTRICT OF COQUITLAM 4716 S80-SMP SMP 13B 13.1 03 DISK 1 OF 1

URC 051 :: DATE 910709 ::

SHIPPING INSTRUCTIONS:

BR. 323 :: CC. 78222 ::

AIR - RIGHTWAY NEXT AM

GROUND - ALL POINTS

CUST.NO. 64716004 ::

RIGHTWAY - 9 AM
N. BURLINGTON

PUROLATOR
C.P. EXPRESS

COORS :: W/B NO.:

:SHIPPER

ORDER NO. 1005 ::SIGN.

Leiper

:PIECES= 1

:WEIGHT= 3llg

