



European Program Library
91 Nymoellevej
DK-2800 Lyngby
Denmark

Read this first !

You have received several documents with your VSE System Package 2.1 order. Please read the following before attempting to install the system:

1. Review the Programming Shipping Request to make sure you have received a complete shipment. If any items are missing, please contact your IBM Marketing Representative.

2. Program Directory for VSE System Package 2.1. (Attached)

This document will give you an overview of what you have received.

3. VSE System Package Planning, (SC33-6177).

This publication is designed to help you understanding the structure, content and function of the VSE System Package 2.1.

4. VSE System Package Migration, (SC33-6179).

This publication is designed to help you in migrating from previous levels of VSE System IPO/E.

5. VSE System Package Installation, (SC33-6178).

This publication will guide you thru the installation of the VSE System Package and all its Optional Programs.

030443

PROGRAM DIRECTORY

For use with

VSE/SYSTEM PACKAGE 2.1.5

Version 2, Release 1, Modification Level 5

Program Number - 5750-AAT

Features 5401,5402,5403,5405,5406

Licensed Materials - Property of IBM

This directory contains information concerning the material and procedures associated with the installation of this program.

It should be reviewed in its entirety prior to the installation of this program and should be retained for future reference.

References in this publication to IBM products, programs or services do not imply that IBM intends to make these available in all countries in which IBM operates.

CONTENTS

1.0 VSE/SYSTEM PACKAGE 2.1.5	1
1.1 VSE/SYSTEM PACKAGE 2.1.5 OVERVIEW	1
1.1.1 NEW ITEMS IN THIS REFRESH - VSE/SYSTEM PACKAGE 2.1.5	1
1.2 VSE/SYSTEM PACKAGE 2.1.5 COMPONENT PROGRAMS	4
1.3 PROGRAM DISTRIBUTION	5
1.4 OPTIONAL FEATURES	5
1.5 LAYOUT OF THE DISTRIBUTION TAPES:	6
1.6 OPTIONAL PROGRAMS	6
1.7 LAYOUT OF THE OPTIONAL PROGRAMS TAPE	8
1.8 INSTALLATION INFORMATION	8
1.9 PROGRAM DOCUMENTATION	9
1.10 MIGRATION TO VSE/SP 2.1	9
1.11 CLASSIFICATION AND CURRENCY	9
1.12 SYSTEM REQUIREMENTS	9
1.13 SERVICE INFORMATION - APARS AND PTFS INCLUDED IN THIS REFRESH	10
1.13.1 CONFIGURATIONS SUPPORTED	11
1.14 SPACE ALLOCATIONS FOR THE GENERATION FEATURE	12
1.15 DASD LAYOUT	12
1.16 ADDITIONAL INFORMATION AND ERRATTA	31
1.16.1 VSE/SP 2.1.5 LIBRARIAN FUNCTIONAL ENHANCEMENTS	31
1.16.2 Extension of CPU-shared Libraries in VSAM Managed Space	31
1.16.3 CHANGES TO MESSAGES	32
1.16.3.1 Message L274	32
1.16.3.2 Message OP92I	32
1.16.4 PRODUCT REPLACEMENT VIA FAST SERVICE UPGRADE	33
1.16.5 DOWNLEVEL CHECK DURING FAST SERVICE UPGRADE	33
1.16.6 SIGNING ON TO THE INTERACTIVE INTERFACE	34
1.16.7 IBM 3820 PRINTER SUPPORT	34
1.17 UNLICENSED DOCUMENTATION AVAILABLE FOR VSE/SP 2.1.5	35
1.18 LICENSED DOCUMENTATION FOR VSE/SP 2.1.5	55
1.19 LICENSED DOCUMENTATION FOR VSE/SP 2.1.5 PARTIAL FUNCTION (5799-BWH)	58
1.20 OPTIONAL MATERIAL	65
1.21 PHASES, MODULES AND SOURCE INTEGRATED IN VSE/SP 2.1.5	68
1.22 VSE/ADVANCED FUNCTIONS 2.1.3 COMPONENTS IN VSE/SP 2.1.5	95
1.23 VSE/ADVANCED FUNCTIONS 2.1.3 ACCESS METHODS IN VSE/SP 2.1.5	96

1.0 VSE/SYSTEM PACKAGE 2.1.5

1.1 VSE/SYSTEM PACKAGE 2.1.5 OVERVIEW

This is a refresh of VSE/System Package 2.1.0. All service from VSE/SP 2.1.0, VSE/SP 2.1.1, VSE/SP 2.1.2, VSE/SP 2.1.3 and VSE/SP 2.1.4, as well as a significant amount of additional service, is included in this refresh.

The VSE/System Package Version 2, Release 1, Modification level 5 is an operating system for the IBM System /370 (Model 135-158), 4300 (excluding 4381-3 and 4381-14), 3031, and 3033 processors with a minimum of 1 megabyte real storage. Support for the IBM 4381-3, 4381-14, and the IBM 308x requires VM. It is a pregenerated, installation-device sensing system based on VSE/Advanced Functions Version 2.1.3.

VSE/SP provides services of VSE/VSAM, ACF/VTAM, CICS/VS/DOS, VSE/Advanced Functions, VSE/POWER, BTAM and VSE/ICCF. It also includes utility components and unique code, which are designed for ease-of-use in handling the system. There are also a number of optional programs which take advantage of the VSE/SP installation and service support.

1.1.1 NEW ITEMS IN THIS REFRESH - VSE/SYSTEM PACKAGE 2.1.5

EXTENDED HARDWARE SUPPORT

- IBM 4381 Model Group 11, 12, and 13
- 3422 Magnetic Tape Subsystem. Data streaming of the 3422 is supported with a data rate of up to 3MB/sec.

INTELLIGENT WORKSTATION ATTACHABILITY ENHANCEMENTS

- The IBM RT Personal Computer System is added to the list of attachable PC's.
- IBM Personal Computers attached via SDLC line to be used as 3278-2 display, using either the IBM PC Network SNA 3270 Emulation Program or the IBM PC 3270 Emulation Program Version 2, can be attached.

CHANGES IN VSE/SP BASIC COMPONENTS

- Functional Feature 1 of VSE/EREP 3.2 is included for support of the IBM 3422 Magnetic Tape Subsystem.

Highlights of Version 2, Release 1 are:

- New librarian
- Support of IBM 3370-2 DASD devices
- Support of IBM 3380 DASD devices (including models AD4, BD4, AE4, BE4)

The VSE/SP Version 2 Release 1 Optional Program DOS/VS-VM/SP SORT/MERGE Version 2 (5746-SM2) supports the IBM 3380 Models AE4 and BE4 for SORT/MERGE input/output and work files.

- Intelligent Workstation Support
- Extended conditional JCL
- Optional programs support
- Local/remote terminal configuration support
- Networking support
- Interactive user Interface
- CICS/DOS/VS online problem determination
- Support of 40 MB virtual storage
- 4 K paging in S/370 mode supervisor
- IBM 3270 Extended Data Stream
- IBM 3290 Large Screen Size
- Remote Power-on/off
- VM/VSE support enhancements
- VSE System IPO/E migration support
- Online dump handling
- SAM tape file extensions
- SDAID invokable via SYSIN control statements or procedures
- Read protection in system sublibrary
- CICS/DOS/VS Vers. 1.6.0
- VSE/VSAM Space Management improvements.
- MSHP's patch function
- IBM 4248 printer in native mode

The following items are supported for the 4248 printer:

- FCB-controlled print speed (2,200 or 3,000 or 3,600 lines per minute).
- FCB-controlled intermixing of vertical spacing (six or eight lines per inch).
- Horizontal copying.
- IBM 4245 Models 12 and 20

These low-cost models of the IBM 4245 printer are supported like an IBM 4245 Model 1.

- IBM 3820 Page Printer
A high quality page printer attached through ACF/VTAM. Print Services Facility/VSE (5666-319) is required to support this printer.
- IBM 3480 Magnetic Tape Subsystem Models A22 and B22
The VSE/SP Version 2 Release 1 Optional Program DOS/VS-VM/SP SORT/MERGE Version 2 (5746-SM2) supports the IBM 3480 for SORT/MERGE input/output files.

NOTE 1 - VSE/SP supports the IBM 3380 disk device with the following restrictions:

- ISAM is not supported for the disk device.

- Dynamic Path Selection of the 3380 Model AA4 and the Speed Matching Buffer feature of the 3880 Storage Control are not supported.

NOTE 2 - VSE/SP supports the IBM 3480 tape subsystem with the following restrictions:

- the IBM 3480 is not supported as an input unit for VSE/SP 2.1.5 base installation.
- High-speed search, software initiated message display, the assign/unassign function, and dynamic pathing are not supported.

CICS/DOS/VS users are recommended to use the 3480 device only in unbuffered mode for journal files.

1.2 VSE/SYSTEM PACKAGE 2.1.5 COMPONENT PROGRAMS

The VSE/System Package includes functions of the following products:

PGM Name	V.R.M	PGM ID	Comp.ID	CLC
VSE/SP uniq.	2.1.5	5666-316	566631602	A41
VSE/SP MRI Eng.	2.1.3	5666-316	566631602	A39
VSE/AF Asmlr.	2.1.3	5745-SCA	5745SCASM	A42
VSE/AF BAM	2.1.3	5666-301	566630102	A42
VSE/AF DDU	2.1.3	5666-301	566630103	A42
VSE/AF M/O	2.1.3	5666-301	566630104	A42
VSE/AF SDS	2.1.3	5666-301	566630105	A42
VSE/AF SCP	2.1.3	5666-301	566630106	A42
VSE/AF MSHP	2.1.3	5666-301	566630107	A42
Info/Analysis	2.1.3	5666-301	566630108	A42
AF Gen. Feat.	2.1.3	5666-301	566630106	A43
VSE/ICCF	2.1.1	5666-302	566630201	H02
VSE/POWER	2.2.3	5666-273	566627301	A45
CICS	1.6.0	5746-XX3	5746XX300	A46
CICS Gen. Feat.	1.6.0	5746-XX3	5746XX300	A47
EREP	3.2.0	5656-093	565626001	267
EREP Feature 1	3.2.0	5656-093	565626001	268
VSE/VSAM	1.3.0	5746-AM2	5745SCVSM	I93
VSE/VSAM	1.3.0	5746-AM2	5745SCAMS	I93
VSE/VSAM	1.3.0	5746-AM2	5745SCVCM	I93
VSAM Sp. Mgmt.	1.3.0	5746-AM2	5746SCVSM	I78
VSAM Sp. Mgmt.	1.3.0	5746-AM2	5746SCAMS	I78
VSAM Bckp/Rstr.	1.2.0.	5746-AM2	5746SCAMS	I79
ACF/VTAM	2.1.0	5666-280	566628001	E27
BTAM ES	1.1.0	5746-RC5	5745SCBTM	I08
VSE/FCOPY	1.2.0	5746-AM4	5745AM400	F98
DITTO VSE/VM	1.1.0	5668-917	566891701	I27
OLTEP	1.1.0	5656-092	565609201	923
Device Support Facility	1.8.0	5747-DS2	5745SCDSF	971

1.3 PROGRAM DISTRIBUTION

The VSE/SP 2.1.5 pre-generated system is shipped on two tapes.
The Generation feature is shipped on a separate tape.

Feature Numbers	TRK	BPI	Description

5401 or 5405	9	1600	Base Tapes (2)
5402 or 5406	9	6250	Base Tapes (2)
5403			Generation feature

1.4 OPTIONAL FEATURES

Feature Numbers	Description

6093	X.25 Communication Adapter Support

The X.25 Communication Adapter Support feature is shipped on the stacked tape with the VSE/SP 2.1.5 Optional Programs and installed in the same manner as an Optional Program.

The following features are available for the VM environment. Refer to the Program Directories for these individual products for installation procedures for VM.

Feature Number	Tape Label	Description

5829	DITTO FOR VM	DITTO 5668-917
5831	VSAM FOR VM	VSAM 5746-AM2

NOTE: The VSAM FOR VM tape is actually in VSE format. The VSAMGEN EXEC must be run against this tape to install it on the VM System. Refer to VM Planning and System Generation Guide SC19-6201 or to VM/SP Planning Guide and Reference SC19-6201 for full installation details.

1.5 LAYOUT OF THE DISTRIBUTION TAPES:

- BASE TAPE 1, externally labeled: VSE/SP2.1.5.TAPE1
6 files, each followed by a tapemark

Header, Device Support Facilities and stand alone Supervisor
VSE stand alone utilities
MSHP History file
IJSYSR1.SYSLIB - SYSRES library backup
Null file
End of backup record

- BASE TAPE 2, externally labeled: VSE/SP2.1.5.TAPE2
10 files, each followed by a tapemark

DTSFILE header label
DTSFILE - ICCF DTSFILE backup in DTSUTIL format
EOF for ICCF
Null file
MSHP history file
PRD1.BASE - PRD1.BASE library backup
Null file
End of backup record
IESMSG - online message file
Null file

- GENERATION FEATURE TAPE, externally labeled: VSE/SP2.1.5.GENFEAT
5 files, each followed by a tapemark

Header file
MSHP history file
PRD2.GEN1 - Generation feature library in BACKUP format
Null file
End of backup record

1.6 OPTIONAL PROGRAMS

The following Optional Programs are available with VSE/SP 2.1.5. All of them can be installed from the stacked tape via VSE/SP 2.1.5 dialogs. Refer to VSE/System Package Installation, SC33-6178, for detailed installation instructions.

The respective Program Directory for each VSE/SP 2.1.5 optional program ordered is shipped as part of the VSE/SP 2.1.5 order. This is for your convenience, and only as a source of additional information for such items as samples and examples for individual programs. Any ordering information provided in these Program Directories should be disregarded because VSE/SP 2.1.5 has its own ordering procedures.

The Optional Programs offered with VSE/SP 2.1.5 are:

PRODUCT	V.R.M	PRODUCT NUMBER	FEATURE CODES
ACF/NCP (3705)	2.1.0	5735-XX9	6131
ACF/NCP (3725)	2.1.0	5735-XX9	6123
ACF/SSP	2.1.1	5735-XXA	6122
CICS/SCREEN DEF. FAC.	1.4.0	5746-XXT	6127
DB/DC Data Dict.	1.4.0	5746-XXC	6110
DECISION SUPPORT	1.1.0	5666-311	6148
DISOSS	3.2.0	5666-270	6118
** DISOSS SAMPLE DOC			
DL/I DOS/VS	1.7.0	5746-XX1	6115
DMS/CICS/VS-DOS	1.4.1	5746-XC4	6108
DMS/CICS/VS-AGF	1.4.1	5746-XC4	6109
DOS/VS RPG II	1.3.0	5746-RG1	6102
DOS/VS COBOL	1.3.0	5746-CB1	6107
EP 3725	1.1.0	5735-XXB	6124
FILE TRANSFER PRGM.	2.2.0	5668-932	6128
GDDM	1.4.0	5748-XXH	6067
GDDM IMD Feature	1.4.0	5748-XXH	6408
GDDM NL Feature	1.4.0	5748-XXH	6410
GDDM PGF Feature	1.4.0	5748-XXH	6406
INFO SYSTEM	1.1.2	5735-OZS	6129
ISPF	1.1.0	5668-960	6119
ISPF/PDF	1.1.0	5666-281	6120
NCCF	1.2.0	5735-XX6	6112
NCP/SSP with EP		5747-CH2	6125
NPDA	3.1.0	5666-295	6116
PL/I Compiler	1.6.0	5736-PL1	6103
PL/I Comp. & Libs	1.6.0	5736-PL3	6106
PL/I Res. Lib.	1.6.0	5736-LM4	6104
PL/I Trans Lib.	1.6.0	5736-LM5	6105
SORT/MERGE II	2.5.0	5746-SM2	6101
SQL/DS	1.3.0	5748-XXJ	6111
VSE/ACLR	1.2.0	5746-XE7	6113
VSE/OCCF	1.2.0	5746-XC5	6114
CSP/AD	1.1.5	5668-944	6121
CSP/AE	1.1.5	5668-945	6130
CSP/Q	1.2.0	5668-918	6117
CSP/AD	2.1.1	5668-824	6400
CSP/AE	2.1.1	5668-825	6402
INFO/DEV. - GROWTH	1.1.0	5666-323	6004
PS/370	1.1.0	5666-318	6069
** PS/370 HELP DOC			
INFO/DEV. - ENTRY	1.1.0	5666-323	6065

** Additional tapes shipped with DISOSS and PS/370

1.7 LAYOUT OF THE OPTIONAL PROGRAMS TAPE

The VSE/System Package 2.1.5 Optional Programs are delivered on a stacked tape. You may receive more than one tape if the number of programs ordered will not fit on one tape.

The Optional Program tape(s) is(are) externally labeled:

VSE/SP2.1.5.OPTPROG n of x
(x = total number of tapes shipped)

The format is as follows. Each file is followed by a tapemark:

Null file
Start of stacked tape indicator
Null file

_____	1st Optional Program ordered
-----	2nd Optional Program ordered
-----	Nth Optional Program ordered

The actual number of files, and their contents, varies depending on the program(s) ordered. The Program Directory of the individual program gives the specific layout information.

```
Null file
End of stacked tape indicator
Null file
Null file
```

1.8 INSTALLATION INFORMATION

For detailed information about the installation of VSE/SP 2.1.5 see the publication VSE/System Package - Installation (SC33-6178).

The library allocations for the installation are predefined. For the number of DASD devices needed to store the VSE/SP System see 1.13.1, "CONFIGURATIONS SUPPORTED" on page 11 in this document. The total amount of the required DASD space depends on the size of your data files and the number of additional products installed. Further DASDs can be added as your requirements increase.

1.9 PROGRAM DOCUMENTATION

The following publications are supplied,
with the VSE/SP 2.1.5 order:

VSE/System Package	System Use	SC33-6174
VSE/System Package	Licensed Program Spec.	GC33-6175
VSE/System Package	Planning	SC33-6177
VSE/System Package	Installation	SC33-6178
VSE/System Package	Migration	SC33-6179
VSE/System Package	Networking	SC33-6180
VSE/System Package	Messages and Codes	SC33-6181
VSE/System Package	Diagnosis	SC33-6182
VSE/System Package	Master Index	SC33-6183
VSE/System Package	Hardware and System Support Extensions	SC33-6184

A complete list of all documentation available for VSE/SP 2.1.5 and its Optional Programs can be found in the sections titled:

- 1.17, " UNLICENSED DOCUMENTATION AVAILABLE FOR VSE/SP 2.1.5" on page 35
- 1.18, "LICENSED DOCUMENTATION FOR VSE/SP 2.1.5" on page 55

Contact your IBM Marketing Representative for assistance in submitting an SLSS subscription and ordering licensed documentation.

1.10 MIGRATION TO VSE/SP 2.1

For assistance in migrating from previous versions of VSE System IPO/E to VSE/SP 2.1.5 see VSE/System package - Migration, SC33-6179.

1.11 CLASSIFICATION AND CURRENCY

Central Service including IBM Support Center service will be available until discontinued by IBM upon 12 months written notice.

Local program support is provided under the terms and conditions of the agreement for local licensed program support for IBM licensed programs, or at the applicable hourly rate.

1.12 SYSTEM REQUIREMENTS

VSE/SP is a self-contained control program and has no prerequisite software.

1.13 SERVICE INFORMATION - APARS AND PTFS INCLUDED IN THIS REFRESH

The VSE/SP 2.1.5 History File contains all entries for Authorized Program Analysis Reports (APARs) and Program Temporary Fixes (PTFs) applied to the system after development service integration. A dialog for printing a report is provided by VSE/SP 2.1.5.

The following job can be used on existing VSE/SP 2.1 systems to list the contents of the VSE/SP 2.1.5 basic components' MSHP history file from the BASE TAPES before the new system is installed. Be sure to make any necessary modifications to the JCL required by your installation.

```
// JOB LIST SERVICE INFORMATION FOR BASE TAPE 1
// ASSGN SYS006,280                /* BASE TAPE VSE/SP2.1.5TAPE1*/
// ASSGN SYS014,261                /* WORKSPACE FOR HISTORY */
// DLBL IJSYSHF,'TEST.HISTORY',0,SD /* LABEL    FOR HISTORY    */
// EXTENT SYS014,,1,0,720,100      /* EXTENT    FOR HISTORY    */
// MTC REW,SYS006                  /* REWIND DISTRIBUTION TAPE */
// MTC FSF,SYS006,2                /* POSITIONING OF THE TAPE  */
// EXEC MSHP
  RESTORE HISTORY SYSTEM           /* RESTORE THE HISTORY      */
  DEFINE HISTORY SYSTEM EXTENT=720:100 UNIT=SYS014
  RETRACE                          /* PRINT RETRACE OVERVIEW   */
  DEFINE HISTORY SYSTEM EXTENT=720:100 UNIT=SYS014
/*
/&
```

```
// JOB LIST SERVICE INFORMATION FOR BASE TAPE 2
// ASSGN SYS006,280                /* BASE TAPE VSE/SP2.1.5TAPE2*/
// ASSGN SYS014,261                /* WORKSPACE FOR HISTORY    */
// DLBL IJSYSHF,'TEST.HISTORY',0,SD /* LABEL    FOR HISTORY    */
// EXTENT SYS014,,1,0,720,100      /* EXTENT    FOR HISTORY    */
// MTC REW,SYS006                  /* REWIND DISTRIBUTION TAPE */
// MTC FSF,SYS006,4                /* POSITIONING OF THE TAPE  */
// EXEC MSHP
  RESTORE HISTORY SYSTEM           /* RESTORE THE HISTORY      */
  DEFINE HISTORY SYSTEM EXTENT=720:100 UNIT=SYS014
  RETRACE                          /* PRINT RETRACE OVERVIEW   */
  DEFINE HISTORY SYSTEM EXTENT=720:100 UNIT=SYS014
/*
/&
```

1.13.1 CONFIGURATIONS SUPPORTED

VSE/SP 2.1.5 runs in /370 mode, in ECPS VSE mode, or VM mode. One megabyte of processor storage is required as a minimum. Two megabytes are required for the VM/VSE environment. Addressable storage (virtual storage) is set to 16 megabytes, with the Virtual Address Extension changeable up to 40 megabytes. Virtual storage size is independent of the size of the processor storage.

Minimum System

The minimum number of devices required to run VSE/SP is:

QUANTITY	DEVICE	TYPE	NOTE
1	Console	*	
1	Display	*	Device with 24 x 80 character screen format
1	Tape	*	
1	Printer	*	
2-5	DASD	see below	No. of devices depends on device type

* see VSE/SP General Information, GC33-6176

Minimum DASD requirements for VSE/SP 2.1.5 installation are :

IBM 3310	:	5*	volumes (addresses)
IBM 3330-1	:	5*	
IBM 3330-11	:	5*	
IBM 3340	:	5*	
IBM 3350	:	2	
IBM 3370-1	:	2	
IBM 3370-2	:	2	
IBM 3375	:	2	
IBM 3380	:	2	

* an additional volume may be required if the Generation feature is installed

1.14 SPACE ALLOCATIONS FOR THE GENERATION FEATURE

Space Requirements for the PRD2.GEN1 library:

3330	:	2015	Tracks =	106	Cylinders	1	tracks
3340	:	3166	Tracks =	263	Cylinders	10	tracks
3350	:	1478	Tracks =	49	Cylinders	8	tracks
3375	:	887	Tracks =	73	Cylinders	11	tracks
3380	:	715	Tracks =	47	Cylinders	11	tracks
FBA							
3310/70	:	44312	Blocks				

1.15 DASD LAYOUT

DOSRES - 3310

START BLOCK	NUMBER BLOCKS	FILE IDENTIFICATION
2	55070	VSE.SYSRES.LIBRARY
55072	704	DOS.LABEL.FILE.CPUID.AREA1
55776	2112	VSAM.MASTER.CATALOG
57888	23776	VSAM.DATA.SPACE.DOSRES
		%DOS.WORKFILE.SYSLNK
		CICS.AUTO.STATS.A
		CICS.AUTO.STATS.B
		CICS.TD.INTRA
		DFHTEMP
		CICS.CSD
81664	16896	PAGING.DATA.SET.ONE
98560	1472	VSE.POWER.QUEUE.FILE
100032	1056	VSE.POWER.ACCOUNT.FILE
101088	4458	VSE.HARDCOPY.FILE
105546	752	VSE.RECORDER.FILE
106298	3460	VSE.SYSTEM.HISTORY.FILE
109758	100	VSESP.JOB.MANAGER.FILE
109858	2518	CICS.DUMPA
112376	580	CICS.DUMPB
112956	1000	CICS.AUXTRACE
113956	340	CICS.MSGUSR
114296	11688	UNUSED.SPACE
125984	32	VTOC

SYSWK1 - 3310

START BLOCK	NUMBER BLOCKS	FILE IDENTIFICATION
32	67232	VSAM.DATA.SPACE.SYSWK1 %DOS.WORKFILE.SYS001 %DOS.WORKFILE.SYS002 %DOS.WORKFILE.SYS003 %DOS.WORKFILE.SYS004 %DOS.WORKFILE.SYS002.RECOVER %DOS.WORKFILE.SYS001.SORT %WORK.FILE.N11 TO %WORK.FILE.N54
67264	42688	VSE.POWER.DATA.FILE
109952	165	INFO.ANALYSIS.DUMP.MGNT.FILE
110117	80	INFO.ANALYSIS.EXT.RTNS.FILE
110197	500	VTAM.TRACE.FILE
110697	1600	CU370X.LOAD.FILE
112297	1000	CU370X.DIAG.FILE
113297	12687	UNUSED.SPACE
125984	32	VTOC

SYSWK2 - 3310

START BLOCK	NUMBER BLOCKS	FILE IDENTIFICATION
32	3168	VSESP.USER.CATALOG
3200	17824	VSAM.DATA.SPACE.SYSWK2 VSE.CONTROL.FILE VSE.MESSAGES.ONLINE VSE.TEXT.REPSTORY.FILE VSE.ONLINE.PROB.DET.FILE %DOS.WORKFILE.SYS001.RECOVER
21024	16896	PAGING.DATA.SET.TWO
37920	63008	VSE.PRDI.LIBRARY
100928	25056	UNUSED.SPACE
125984	32	VTOC

SYSWK3 - 3310

START BLOCK	NUMBER BLOCKS	FILE IDENTIFICATION
32	47872	LIBR.DATA.SPACE.SYSWK3
		VSE.PRD2.LIBRARY
47904	75008	ICCF.LIBRARY
122912	3072	UNUSED.SPACE
125984	32	VTOC

SYSWK4 - 3310

START BLOCK	NUMBER BLOCKS	FILE IDENTIFICATION
2	55070	SYS.NEW.RES
55072	3460	WORK.HIST.FILE
58560	30272	VSE.POWER.DATA.FILE
88832	36864	VSE.DUMP.LIBRARY
125696	288	UNUSED.SPACE
125984	32	VTOC

SYSWK5 - 3310

START BLOCK	NUMBER BLOCKS	FILE IDENTIFICATION
32	125632	LIBR.DATA.SPACE.SYSWK5
32	125952	UNUSED.SPACE
125984	32	VTOC

DOSRES - 3330

START TRACK	NUMBER TRACKS	FILE IDENTIFICATION
1	2507	VSE.SYSRES.LIBRARY
2508	57	DOS.LABEL.FILE.CPUID.AREA1
2565	95	VSAM.MASTER.CATALOG
2660	1064	VSAM.DATA.SPACE.DOSRES
		%DOS.WORKFILE.SYSLNK
		CICS.AUTO.STATS.A
		CICS.AUTO.STATS.B
		CICS.TD.INTRA
		DFHTEMP
		CICS.CSD
3724	722	PAGING.DATA.SET.ONE
4446	38	VSE.POWER.QUEUE.FILE
4484	57	VSE.POWER.ACCOUNT.FILE
4541	121	VSE.HARDCOPY.FILE
4662	76	VSE.RECORDER.FILE
4738	145	VSE.SYSTEM.HISTORY.FILE
4883	19	VSESP.JOB.MANAGER.FILE
4902	114	CICS.DUMPA
5016	38	CICS.DUMPB
5054	38	CICS.AUXTRACE
5092	19	CICS.MSGUSR
5111	2546	UNUSED.SPACE
7657	19	VTOC

SYSWK1 - 3330

START TRACK	NUMBER TRACKS	FILE IDENTIFICATION
19	2033	VSAM.DATA.SPACE.SYSWK1
		%DOS.WORKFILE.SYS001
		%DOS.WORKFILE.SYS002
		%DOS.WORKFILE.SYS003
		%DOS.WORKFILE.SYS004
		%DOS.WORKFILE.SYS002.RECOVER
		%DOS.WORKFILE.SYS001.SORT
		%WORK.FILE.N11
		TO
		%WORK.FILE.N54
2052	2090	VSE.POWER.DATA.FILE
4142	13	INFO.ANALYSIS.DUMP.MGNT.FILE
4155	6	INFO.ANALYSIS.EXT.RTNS.FILE
4161	19	VTAM.TRACE.FILE
4180	76	CU370X.LOAD.FILE
4256	38	CU370X.DIAG.FILE
4294	3363	UNUSED.SPACE
7657	19	VTOC

SYSWK2 - 3330

START TRACK	NUMBER TRACKS	FILE IDENTIFICATION
19	133	VSESP.USER.CATALOG
152	627	VSAM.DATA.SPACE.SYSWK2
		VSE.CONTROL.FILE
		VSE.MESSAGES.ONLINE
		VSE.TEXT.REPSTORY.FILE
		VSE.ONLINE.PROB.DET.FILE
		%DOS.WORKFILE.SYS001.RECOVER
779	722	PAGING.DATA.SET.TWO
1501	2850	VSE.PRD1.LIBRARY
4351	3306	UNUSED.SPACE
7657	19	VTOC

SYSWK3 - 3330

START TRACK	NUMBER TRACKS	FILE IDENTIFICATION
19	2166	LIBR.DATA.SPACE.SYSWK3
		VSE.PRD2.LIBRARY
2185	3268	ICCF.LIBRARY
5453	2204	UNUSED.SPACE
7657	19	VTOC

SYSWK4 - 3330

START TRACK	NUMBER TRACKS	FILE IDENTIFICATION
1	2507	SYS.NEW.RES
2508	135	WORK.HIST.FILE
2660	2109	VSE.POWER.DATA.FILE
4769	1691	VSE.DUMP.LIBRARY
6460	1197	UNUSED.SPACE
7657	19	VTOC

SYSWK5 - 3330

START TRACK	NUMBER TRACKS	FILE IDENTIFICATION
19	7638	LIBR.DATA.SPACE.SYSWK5
19	7638	UNUSED.SPACE
7657	19	VTOC

DOSRES - 3340

START TRACK	NUMBER TRACKS	FILE IDENTIFICATION
1	3935	VSE.SYSRES.LIBRARY
3936	60	DOS.LABEL.FILE.CPUID.AREA1
3996	156	VSAM.MASTER.CATALOG
4152	1956	VSAM.DATA.SPACE.DOSRES
		%DOS.WORKFILE.SYSLNK
		CICS.AUTO.STATS.A
		CICS.AUTO.STATS.B
		CICS.TD.INTRA
		DFHTEMP
		CICS.CSD
6108	1188	PAGING.DATA.SET.ONE
7296	48	VSE.POWER.QUEUE.FILE
7344	36	VSE.POWER.ACCOUNT.FILE
7380	179	VSE.HARDCOPY.FILE
7559	60	VSE.RECORDER.FILE
7619	289	VSE.SYSTEM.HISTORY.FILE
7908	12	VSESP.JOB.MANAGER.FILE
7920	156	CICS.DUMPA
8076	36	CICS.DUMPB
8112	60	CICS.AUXTRACE
8172	24	CICS.MSGUSR
8196	144	UNUSED.SPACE
8340	12	VTOC

SYSWK1 - 3340

START TRACK	NUMBER TRACKS	FILE IDENTIFICATION
12	3792	VSAM.DATA.SPACE.SYSWK1
		%DOS.WORKFILE.SYS001
		%DOS.WORKFILE.SYS002
		%DOS.WORKFILE.SYS003
		%DOS.WORKFILE.SYS004
		%DOS.WORKFILE.SYS002.RECOVER
		%DOS.WORKFILE.SYS001.SORT
		%WORK.FILE.N11
		TO
		%WORK.FILE.N54
3804	3528	VSE.POWER.DATA.FILE
7332	8	INFO.ANALYSIS.DUMP.MGNT.FILE
7340	4	INFO.ANALYSIS.EXT.RTNS.FILE
7344	24	VTAM.TRACE.FILE
7368	96	CU370X.LOAD.FILE
7464	48	CU370X.DIAG.FILE
7512	828	UNUSED.SPACE
8340	12	VTOC

SYSWK2 - 3340

START TRACK	NUMBER TRACKS	FILE IDENTIFICATION
12	228	VSESP.USER.CATALOG
240	1020	VSAM.DATA.SPACE.SYSWK2
		VSE.CONTROL.FILE
		VSE.MESSAGES.ONLINE
		VSE.TEXT.REPSTORY.FILE
		VSE.ONLINE.PROB.DET.FILE
		%DOS.WORKFILE.SYS001.RECOVER
1260	1632	PAGING.DATA.SET.TWO
2892	4476	VSE.PR1.LIBRARY
7368	972	UNUSED.SPACE
8340	12	VTOC

SYSWK3 - 3340

START TRACK	NUMBER TRACKS	FILE IDENTIFICATION
12	3408	LIBR.DATA.SPACE.SYSWK3
		VSE.PR2.LIBRARY
3420	4896	ICCF.LIBRARY
8316	24	UNUSED.SPACE
8340	12	VTOC

SYSWK4 - 3340

START TRACK	NUMBER TRACKS	FILE IDENTIFICATION
1	3935	SYS.NEW.RES
3936	289	WORK.HIST.FILE
4236	1380	VSE.POWER.DATA.FILE
5616	2640	VSE.DUMP.LIBRARY
8256	84	UNUSED.SPACE
8340	12	VTOC

SYSWK5 - 3340

START TRACK	NUMBER TRACKS	FILE IDENTIFICATION
12	8328	LIBR.DATA.SPACE.SYSWK5
12	8328	UNUSED.SPACE
8340	12	VTOC

DOSRES - 3350

START TRACK	NUMBER TRACKS	FILE IDENTIFICATION
1	1859	VSE.SYSRES.LIBRARY
1860	30	DOS.LABEL.FILE.CPUID.AREA1
1890	30	VSE.POWER.QUEUE.FILE
1920	90	VSAM.MASTER.CATALOG
2010	2340	VSAM.DATA.SPACE.DOSRES
		%DOS.WORKFILE.SYSLNK
		VSE.CONTROL.FILE
		VSE.TEXT.REPSTORY.FILE
		VSE.MESSAGES.ONLINE
		VSE.ONLINE.PROB.DET.FILE
		%DOS.WORKFILE.SYS001.RECOVER
		CICS.AUTO.STATS.A
		CICS.AUTO.STATS.B
		CICS.TD.INTRA
		DFHTEMP
		CICS.CSD
4350	540	PAGING.DATA.SET.ONE
4890	2130	VSE.PR1.LIBRARY
7020	3000	LIBR.DATA.SPACE.DOSRES
		VSE.PR2.LIBRARY
10020	6600	UNUSED.SPACE
16620	30	VTOC

SYSWK1 - 3350

START TRACK	NUMBER TRACKS	FILE IDENTIFICATION
1	1859	SYS.NEW.RES
1860	109	WORK.HIST.FILE
1980	4500	LIBR.DATA.SPACE.SYSWK1
6480	1260	VSE.DUMP.LIBRARY
7740	120	VSESP.USER.CATALOG
7860	1020	VSAM.DATA.SPACE.SYSWK1
		%DOS.WORKFILE.SYS001
		%DOS.WORKFILE.SYS002
		%DOS.WORKFILE.SYS003
		%DOS.WORKFILE.SYS004
		%DOS.WORKFILE.SYS002.RECOVER
		%DOS.WORKFILE.SYS001.SORT
		%WORK.FILE.N11
		TO
		%WORK.FILE.N54
8880	2970	ICCF.LIBRARY
11850	540	PAGING.DATA.SET.TWO
12390	2850	VSE.POWER.DATA.FILE
15240	90	VSE.POWER.ACCOUNT.FILE
15330	30	VSESP.JOB.MANAGER.FILE
15360	180	VSE.HARDCOPY.FILE
15540	41	VSE.RECORDER.FILE
15581	109	VSE.SYSTEM.HISTORY.FILE
15690	20	INFO.ANALYSIS.DUMP.MGNT.FILE
15710	10	INFO.ANALYSIS.EXT.RTNS.FILE
15720	30	VTAM.TRACE.FILE
15750	30	CU370X.LOAD.FILE
15780	30	CU370X.DIAG.FILE
15810	75	CICS.DUMPA
15885	45	CICS.DUMPB
15930	30	CICS.AUXTRACE
15960	30	CICS.MSGUSR
15990	630	UNUSED.SPACE
16620	30	VTOC

START BLOCK	NUMBER BLOCKS	FILE IDENTIFICATION
2	55116	VSE.SYSRES.LIBRARY
55118	744	DOS.LABEL.FILE.CPUID.AREA1
55862	1488	VSE.POWER.QUEUE.FILE
57350	2232	VSAM.MASTER.CATALOG
59582	62372	VSAM.DATA.SPACE.DOSRES
		%DOS.WORKFILE.SYSLNK
		VSE.CONTROL.FILE
		VSE.TEXT.REPSTORY.FILE
		VSE.MESSAGES.ONLINE
		VSE.ONLINE.PROB.DET.FILE
		%DOS.WORKFILE.SYS001.RECOVER
		CICS.AUTO.STATS.A
		CICS.AUTO.STATS.B
		CICS.TD.INTRA
		DFHTEMP
		CICS.CSD
121954	16864	PAGING.DATA.SET.ONE
138818	63240	VSE.PR1.LIBRARY
202058	90768	LIBR.DATA.SPACE.DOSRES
		VSE.PR2.LIBRARY
292826	265112	UNUSED.SPACE
557938	62	VTOC

SYSWK1 - 3370-1

START BLOCK	NUMBER BLOCKS	FILE IDENTIFICATION
2	55116	SYS.NEW.RES
55118	3460	WORK.HIST.FILE
58590	136152	LIBR.DATA.SPACE.SYSWK1
194742	37200	VSE.DUMP.LIBRARY
231942	2976	VSESP.USER.CATALOG
234918	67704	VSAM.DATA.SPACE.SYSWK1
		%DOS.WORKFILE.SYS001
		%DOS.WORKFILE.SYS002
		%DOS.WORKFILE.SYS003
		%DOS.WORKFILE.SYS004
		%DOS.WORKFILE.SYS002.RECOVER
		%DOS.WORKFILE.SYS001.SORT
		%WORK.FILE.N11
		TO
		%WORK.FILE.N54
302622	75144	ICCF.LIBRARY
377766	17050	PAGING.DATA.SET.TWO
394816	73656	VSE.POWER.DATA.FILE
468472	2232	VSE.POWER.ACCOUNT.FILE
470704	100	VSESP.JOB.MANAGER.FILE
470804	4994	VSE.HARDCOPY.FILE
475798	752	VSE.RECORDER.FILE
476550	3460	VSE.SYSTEM.HISTORY.FILE
480010	186	INFO.ANALYSIS.DUMP.MGNT.FILE
480196	62	INFO.ANALYSIS.EXT.RTNS.FILE
480258	500	VTAM.TRACE.FILE
480758	1600	CU370X.LOAD.FILE
482358	1000	CU370X.DIAG.FILE
483358	2512	CICS.DUMPA
485870	580	CICS.DUMPB
486450	1000	CICS.AUXTRACE
487450	340	CICS.MSGUSR
487790	70148	UNUSED.SPACE
557938	62	VTOC

DOSRES - 3370-2

START BLOCK	NUMBER BLOCKS	FILE IDENTIFICATION
2	55116	VSE.SYSRES.LIBRARY
55118	744	DOS.LABEL.FILE.CPUID.AREA1
55862	1488	VSE.POWER.QUEUE.FILE
57350	2232	VSAM.MASTER.CATALOG
59582	62372	VSAM.DATA.SPACE.DOSRES
		%DOS.WORKFILE.SYSLNK
		VSE.CONTROL.FILE
		VSE.TEXT.REPSTORY.FILE
		VSE.MESSAGES.ONLINE
		VSE.ONLINE.PROB.DET.FILE
		%DOS.WORKFILE.SYS001.RECOVER
		CICS.AUTO.STATS.A
		CICS.AUTO.STATS.B
		CICS.TD.INTRA
		DFHTEMP
		CICS.CSD
121954	16864	PAGING.DATA.SET.ONE
138818	63240	VSE.PR1.LIBRARY
202058	90768	LIBR.DATA.SPACE.DOSRES
		VSE.PR2.LIBRARY
292826	419864	UNUSED.SPACE
712690	62	VTOC

SYSWK1 - 3370-2

START BLOCK	NUMBER BLOCKS	FILE IDENTIFICATION
2	55116	SYS.NEW.RES
55118	3460	WORK.HIST.FILE
58590	136152	LIBR.DATA.SPACE.SYSWK1
194742	37200	VSE.DUMP.LIBRARY
231942	2976	VSESP.USER.CATALOG
234918	67704	VSAM.DATA.SPACE.SYSWK1
		%DOS.WORKFILE.SYS001
		%DOS.WORKFILE.SYS002
		%DOS.WORKFILE.SYS003
		%DOS.WORKFILE.SYS004
		%DOS.WORKFILE.SYS002.RECOVER
		%DOS.WORKFILE.SYS001.SORT
		%WORK.FILE.N11
		TO
		%WORK.FILE.N54
302622	75144	ICCF.LIBRARY
377766	17050	PAGING.DATA.SET.TWO
394816	73656	VSE.POWER.DATA.FILE
468472	2232	VSE.POWER.ACCOUNT.FILE
470704	100	VSESP.JOB.MANAGER.FILE
470804	4994	VSE.HARDCOPY.FILE
475798	752	VSE.RECORDER.FILE
476550	3460	VSE.SYSTEM.HISTORY.FILE
480010	186	INFO.ANALYSIS.DUMP.MGNT.FILE
480196	62	INFO.ANALYSIS.EXT.RTNS.FILE
480258	500	VTAM.TRACE.FILE
480758	1600	CU370X.LOAD.FILE
482358	1000	CU370X.DIAG.FILE
483358	2512	CICS.DUMPA
485870	580	CICS.DUMPB
486450	1000	CICS.AUXTRACE
487450	340	CICS.MSGUSR
487790	224900	UNUSED.SPACE
712690	62	VTOC

DOSRES - 3375

START TRACK	NUMBER TRACKS	FILE IDENTIFICATION
1	1103	VSE.SYSRES.LIBRARY
1104	48	DOS.LABEL.FILE.CPUID.AREA1
1152	24	VSE.POWER.QUEUE.FILE
1176	120	VSAM.MASTER.CATALOG
1296	2664	VSAM.DATA.SPACE.DOSRES
		%DOS.WORKFILE.SYSLNK
		VSE.CONTROL.FILE
		VSE.TEXT.REPSTORY.FILE
		VSE.MESSAGES.ONLINE
		VSE.ONLINE.PROB.DET.FILE
		%DOS.WORKFILE.SYS001.RECOVER
		CICS.AUTO.STATS.A
		CICS.AUTO.STATS.B
		CICS.TD.INTRA
		DFHTEMP
		CICS.CSD
3960	324	PAGING.DATA.SET.ONE
4284	1272	VSE.PRDI.LIBRARY
5556	1800	LIBR.DATA.SPACE.DOSRES
		VSE.PRDI.LIBRARY
7356	4140	UNUSED.SPACE
11496	12	VTOC

START TRACK	NUMBER TRACKS	FILE IDENTIFICATION
1	1103	SYS.NEW.RES
1104	61	WORK.HIST.FILE
1176	2700	LIBR.DATA.SPACE.SYSWK1
3876	744	VSE.DUMP.LIBRARY
4620	168	VSESP.USER.CATALOG
4788	1104	VSAM.DATA.SPACE.SYSWK1
		%DOS.WORKFILE.SYS001
		%DOS.WORKFILE.SYS002
		%DOS.WORKFILE.SYS003
		%DOS.WORKFILE.SYS004
		%DOS.WORKFILE.SYS002.RECOVER
		%DOS.WORKFILE.SYS001.SORT
		%WORK.FILE.N11
		TO
		%WORK.FILE.N54
5892	2376	ICCF.LIBRARY
8268	336	PAGING.DATA.SET.TWO
8604	2316	VSE.POWER.DATA.FILE
10920	72	VSE.POWER.ACCOUNT.FILE
10992	12	VSESP.JOB.MANAGER.FILE
11004	24	VSE.HARDCOPY.FILE
11028	35	VSE.RECORDER.FILE
11063	61	VSE.SYSTEM.HISTORY.FILE
11124	8	INFO.ANALYSIS.DUMP.MGNT.FILE
11132	4	INFO.ANALYSIS.EXT.RTNS.FILE
11136	24	VTAM.TRACE.FILE
11160	48	CU370X.LOAD.FILE
11208	48	CU370X.DIAG.FILE
11256	72	CICS.DUMPA
11328	24	CICS.DUMPB
11352	24	CICS.AUXTRACE
11376	24	CICS.MSGUSR
11400	96	UNUSED.SPACE
11496	12	VTOC

DOSRES - 3380

START TRACK	NUMBER TRACKS	FILE IDENTIFICATION
1	899	VSE.SYSRES.LIBRARY
900	45	DOS.LABEL.FILE.CPUID.AREA1
945	30	VSE.POWER.QUEUE.FILE
975	105	VSAM.MASTER.CATALOG
1080	2040	VSAM.DATA.SPACE.DOSRES %DOS.WORKFILE.SYSLNK VSE.CONTROL.FILE VSE.TEXT.REPSTORY.FILE VSE.MESSAGES.ONLINE VSE.ONLINE.PROB.DET.FILE %DOS.WORKFILE.SYS001.RECOVER CICS.AUTO.STATS.A CICS.AUTO.STATS.B CICS.TD.INTRA DFHTEMP CICS.CSD
3120	240	PAGING.DATA.SET.ONE
3360	1020	VSE.PR1.LIBRARY
4380	1470	LIBR.DATA.SPACE.DOSRES VSE.PR2.LIBRARY
5850	7410	UNUSED.SPACE
13260	15	VTOC

START TRACK	NUMBER TRACKS	FILE IDENTIFICATION
1	899	SYS.NEW.RES
900	46	WORK.HIST.FILE
960	2205	LIBR.DATA.SPACE.SYSWK1
3165	600	VSE.DUMP.LIBRARY
3765	135	VSESP.USER.CATALOG
3900	840	VSAM.DATA.SPACE.SYSWK1
		%DOS.WORKFILE.SYS001
		%DOS.WORKFILE.SYS002
		%DOS.WORKFILE.SYS003
		%DOS.WORKFILE.SYS004
		%DOS.WORKFILE.SYS002.RECOVER
		%DOS.WORKFILE.SYS001.SORT
		%WORK.FILE.N11
		TO
		%WORK.FILE.N54
4740	1785	ICCF.LIBRARY
6525	240	PAGING.DATA.SET.TWO
6765	1740	VSE.POWER.DATA.FILE
8505	60	VSE.POWER.ACCOUNT.FILE
8565	15	VSESP.JOB.MANAGER.FILE
8580	30	VSE.HARDCOPY.FILE
8610	44	VSE.RECORDER.FILE
8654	46	VSE.SYSTEM.HISTORY.FILE
8700	10	INFO.ANALYSIS.DUMP.MGNT.FILE
8710	5	INFO.ANALYSIS.EXT.RTNS.FILE
8715	15	VTAM.TRACE.FILE
8730	45	CU370X.LOAD.FILE
8775	45	CU370X.DIAG.FILE
8820	60	CICS.DUMPA
8880	30	CICS.DUMPB
8910	30	CICS.AUXTRACE
8940	30	CICS.MSGUSR
8970	4290	UNUSED.SPACE
13260	15	VTOC

START TRACK	NUMBER TRACKS	FILE IDENTIFICATION
1	899	VSE.SYSRES.LIBRARY
900	45	DOS.LABEL.FILE.CPUID.AREA1
945	30	VSE.POWER.QUEUE.FILE
975	105	VSAM.MASTER.CATALOG
1080	2040	VSAM.DATA.SPACE.DOSRES
		%DOS.WORKFILE.SYSLNK
		VSE.CONTROL.FILE
		VSE.TEXT.REPSTORY.FILE
		VSE.MESSAGES.ONLINE
		VSE.ONLINE.PROB.DET.FILE
		VSE.MESSAGE.ROUTING.FILE
		%DOS.WORKFILE.SYS001.RECOVER
		CICS.AUTO.STATS.A
		CICS.AUTO.STATS.B
		CICS.TD.INTRA
		DFHTEMP
		CICS.CSD
3120	240	PAGING.DATA.SET.ONE
3360	1020	VSE.PR1.LIBRARY
4380	1470	LIBR.DATA.SPACE.DOSRES
		VSE.PR2.LIBRARY
5850	20685	UNUSED.SPACE
26535	15	VTOC

START TRACK	NUMBER TRACKS	FILE IDENTIFICATION
1	899	SYS.NEW.RES
900	46	WORK.HIST.FILE
960	2205	LIBR.DATA.SPACE.SYSWK1
3165	600	VSE.DUMP.LIBRARY
3765	135	VSESP.USER.CATALOG
3900	840	VSAM.DATA.SPACE.SYSWK1
		%DOS.WORKFILE.SYS001
		%DOS.WORKFILE.SYS002
		%DOS.WORKFILE.SYS003
		%DOS.WORKFILE.SYS004
		%DOS.WORKFILE.SYS002.RECOVER
		%DOS.WORKFILE.SYS001.SORT
		%WORK.FILE.N11
		TO
		%WORK.FILE.N54
4740	1785	ICCF.LIBRARY
6525	240	PAGING.DATA.SET.TWO
6765	1740	VSE.POWER.DATA.FILE
8505	60	VSE.POWER.ACCOUNT.FILE
8565	15	VSESP.JOB.MANAGER.FILE
8580	30	VSE.HARDCOPY.FILE
8610	44	VSE.RECORDER.FILE
8654	46	VSE.SYSTEM.HISTORY.FILE
8700	10	INFO.ANALYSIS.DUMP.MGNT.FILE
8710	5	INFO.ANALYSIS.EXT.RTNS.FILE
8715	15	VTAM.TRACE.FILE
8730	45	CU370X.LOAD.FILE
8775	45	CU370X.DIAG.FILE
8820	60	CICS.DUMPA
8880	30	CICS.DUMPB
8910	30	CICS.AUXTRACE
8940	30	CICS.MSGUSR
8970	17565	UNUSED.SPACE
26535	15	VTOC

1.16 ADDITIONAL INFORMATION AND ERRATTA

1.16.1 VSE/SP 2.1.5 LIBRARIAN FUNCTIONAL ENHANCEMENTS

1.16.2 Extension of CPU-shared Libraries in VSAM Managed Space

The Librarian now has the capability of extending a library in VSAM managed space which is shared across CPUs.

FUNCTIONAL DESCRIPTION:

A library which is defined in VSAM managed space can be dynamically extended via secondary allocations when the "LIBRARY FULL" condition appears. However, when the library resides on a volume which is shared between CPUs (parameter SHR is specified on the ADD command or IPL) such an extension was not previously possible. The dynamic extension of libraries in VSAM managed space is now available for libraries on shared volumes.

A program running in one CPU is able to extend a library in VSAM managed space even when programs in other CPUs may be working concurrently with the library. This extended library can then be used by programs running in CPUs sharing it after the library control tables have been updated. This update occurs when the system attempts to access an address beyond the original limits of the library.

However, if a LIBDEF-PHASE search chain contains the library and the service is the first system service that accesses the new extent, then either of the following occurs:

- The job is canceled with the message:

```
"OP92I  JOB    jobname  CANCELED.          INVALID  LIBRARY  STRUCTURE.
SUBLIBRARY=lib.sublib PHASE=phasename"
```

- The LOAD macro returns control with return code 12.

The programmer/operator can recover from this situation by running "EXEC LIBR, TEST LIB=lib AREA=SPACE" in any partition of the affected CPU and re-run the application.

The user is notified of the extension process by a new message:

```
"L274E SHARED LIBRARY lib HAS BEEN EXTENDED. RUN LIBRARIAN COMMAND <TEST LIB=lib
AREA=SPACE> ON ALL OTHER SHARING CPUS".
```

This message is given to the operator as a warning so that no problem will occur as a result of program operation before the library control tables have been updated. By issuing the librarian command 'TEST LIB=... AREA=SPACE' the CPU-internal library Control Tables are updated to reflect the new state of the library extents. Afterwards, FETCH/LOAD knows the new extents.

1.16.3 CHANGES TO MESSAGES

The VSE/SP Online Message File has been updated in VSE/SP 2.1.5.

1.16.3.1 Message L274

Message

L274I LIBRARY lib CANNOT BE EXTENDED BECAUSE IT RESIDES ON A
CPU SHARED DASD

is replaced by

L274E SHARED LIBRARY lib IS EXTENDED. RUN LIBRARIAN COMMAND
<TEST LIB=lib AREA=SPACE> ON ALL OTHER SHARING CPUS

Cause: A library in VSAM managed space which resides on a DASD which is shared between CPU's is extended. If parameter SHR is specified on the IPL-ADD command, all libraries starting on this volume are treated as shared between CPU's whether they are actually shared or not. This message is given so the operator can avoid any problems with the program LOAD function on all other sharing CPU's.

By running the Librarian command 'TEST LIB=lib AREA=SPACE' the CPU internal Library Control Tables are updated reflecting the new state of the library extents. Afterwards, FETCH/LOAD has no problems with the new extents and does not give message OP92I.

System Action: Processing continues.

Programmer Action: None.

Operator Action: Run the Librarian command 'TEST LIB=lib AREA=SPACE' on all other sharing CPU's.

1.16.3.2 Message OP92I

Message

OP92I JOB jobname CANCELED. INVALID LIBRARY STRUCTURE SUBLIBRARY=xxx.xxx
PHASE=xxx

is extended with the following information.

Operator Response: This message may occur if a library in VSAM managed space, which is shared across CPUs, has been extended in one of the other sharing CPUs and the directory information or the phase to be loaded is located on the new extent.

In this case, update the CPU internal Library Control Tables by running the Librarian command 'TEST LIB=xxx AREA=SPACE' and re-run the job.

1.16.4 PRODUCT REPLACEMENT VIA FAST SERVICE UPGRADE

If you are migrating from an earlier refresh level of VSE/SP 2.1 and you are installing VSE/SP 2.1.5 via the Fast Service Upgrade you should be aware of the following changes to basic component programs:

- Device Support Facilities (5747-DS2 CLC=971) V.R.M. 1.8.0 replaced V.R.M. 1.7.0 in the VSE/SP 2.1.3 refresh.
- EREP (5656-093 CLC=267) V.R.M. 3.2.0 replaced V.R.M. 3.1.0 in the VSE/SP 2.1.4 refresh.

All component programs are identified by number and CLC in section 1.2, "VSE/SYSTEM PACKAGE 2.1.5 COMPONENT PROGRAMS" on page 4, in this directory. Please compare your MSHP RETRACE PRODUCTS output with this list.

Because of a new product release level you may get the following message during step 3 of the fast service upgrade process:

```
M231D INSTALLATION WILL SUPERSEDE PRODUCT xxxxxx. ENTER "DELETE" OR "KEEP"
```

Your response to this message should be: DELETE

The DELETE option insures that the current product is deleted and the new release of the product is correctly installed.

Note: It should always be sufficient to have the newest release of a product, but you might want to keep the old release of one or more of the replaced products. In that case run the following MSHP function before you begin the fast service upgrade process.

```
MSHP BACKUP PRODUCT
```

for each product you wish to save.

If you then want to reactivate a saved release of a product, use the

```
MSHP INSTALL PRODUCT function.
```

1.16.5 DOWNLEVEL CHECK DURING FAST SERVICE UPGRADE

The refresh which you will install via fast service upgrade contains the newest code including PTFs available at refresh build time. But it may happen that you have already applied a PTF to your current system which is not included in the refresh. Or you may have applied an APAR fix which is not included in the new refresh. In these cases you will get the following messages during fast service upgrade.

```
M222I DOWNLEVEL CHECK FAILED. CONTINUATION WILL RESULT IN A LOSS OF SERVICE
```

followed by message

MO89D ENTER "GO" TO CONTINUE, OR "CANCEL" TO TERMINATE

Your response should be: GO

After the installation is successfully completed, reapply the missing PTFs and/or APAR fixes identified in the list produced by MSHP.

1.16.6 SIGNING ON TO THE INTERACTIVE INTERFACE

VSE/SP 2.1.5 allows you to use a terminal without signing on. You define a user profile with the CICS/DOS/VS terminal-id as the user-id, as outlined in VSE/SP System Use in the "CICS/DOS/VS Considerations" section of the Maintain User Profiles description. Additionally, specify the following values in the TCT:

- For the OPERSEC parameter, specify the value 61.
- For the OPERID parameter, specify any three character operator-id.

1.16.7 IBM 3820 PRINTER SUPPORT

VSE/SP supports the IBM 3820 printer. Print Services Facility/VSE (5666-319) is a prerequisite for this support. This section outlines some considerations about defining the printer to VSE/SP.

When you complete VSE/SP initial installation, you complete the definitions of your devices in the hardware configuration table. This task is described in VSE/SP Installation in the section "Complete the Hardware Table."

You can also define devices after initial installation. You define the address in the hardware configuration table using the Configure Hardware Addresses dialog. The dialog is described in VSE/SP System Use.

Whenever you define the IBM 3820 printer you must specify the following values for the device type code and mode:

- Device Code: Specify 3791L.
- Mode: Specify EML.

1.17 UNLICENSED DOCUMENTATION AVAILABLE FOR VSE/SP 2.1.5

SLSS KEY = 7705

Basic Material: Order via SLSS

Title	Additional Copies	
	Form Number	Form Pseudo

VSE System Package 2.1 Basic Information

VSE System Package Planning	*SC33-6177-1 ✓	ST33-6177
VSE System Package Diagnosis	*SC33-6182-0 ✓	ST33-6182
VSE System Package Installation	*SC33-6178-1 ✓	ST33-6178
VSE System Package System Use	*SC33-6174-1 ✓	ST33-6174
VSE System Package Networking	*SC33-6180-1 ✓	ST33-6180
VSE/System Package Specification	*GC33-6175-34 ✓	GT00-1846
VSE/System Package Migration	*SC33-6179-1 ✓	ST33-6179
VSE/System Package Msg + Codes	*SC33-6181-1 ✓	ST33-6181
VSE/System Package Mstr Index	*SC33-6183-0 ✓	ST33-6183
VSE/System Package Hardware and System Support Extensions	*SC33-6184-1 ✓	SQ33-6184
VSE/System Package General Info.	GC33-6176-0 ✓	GT33-6176 2x

NOTE: VSE/System Package publications marked with an asterisk (*) are delivered with the VSE/System Package order. Individual copies of the publications listed above are available thru SLSS by pseudonumber only.

INDIVIDUAL SLSS IDs FOR THE VSE/SP 2.1 BASIC COMPONENTS

Title	Additional Copies	
	Form Number	Form Pseudo

SLSS ID = 7799-DHA VSE/Advanced Functions - 5666-301 - 2.1.3

Planning and Install	SC33-6193-1 ✓	ST33-6193
Operation	SC33-6194-1 ✓	ST33-6194
Specifications	GC33-6190- 1 ✓	GQ33-6190
Data Management Concepts	GC33-6192-1 ✓	GT33-6192
Macro User's Guide	SC33-6196-1 ✓	ST33-6196
Macro Reference	SC33-6197-1 ✓	ST33-6197
Guide to the DOS/VSE Assembler	GC33-4024-3	GT00-0656
Assembler Language Programming	GC33-4010-5 ✓	GQ33-4010
Fixed Block DASD Instal/Conv	GC20-1879-0	GT20-1879
System Management Guide	SC33-6191-2 ✓	ST33-6191
System Control Statements	SC33-6198-1 ✓	ST33-6198
MSHP Reference	SC33-6199-1 ✓	ST33-6199
Service Aids	SC33-6195-1 ✓	ST33-6195
Reference Summary Card	GX33-9010-0 ✓	GT00-1516
OLTEP Installation and Operation	GC33-6156-1 ✓	GQ33-6156
OLTEP Diagnosis: Reference	SY33-9105-0 ✓	ST73-9105
EREP User's Guide	GC28-1378-1 ✓	GQ28-1378
Dev. Supt. Fac. User Guide & Ref.	GC35-0033- 1	GT00-1773

-0 +1
-9
-11

The VSE/SP 2.1 Basic Components continue on the next page...

VSE/SP 2.1 Basic Components (Continued)

SLSS ID = 7799-DHB VSE/VSAM, Backup/Restore Feature,
and Space Management Feature - 5746-AM2 - 1.3.0

SLSS ID = 7799-DHC VSE/POWER - 5666-273 - 2.2.3

Message for both VSE/VSAM and VSE/POWER can be found in VSE/SP Messages and Codes SC33-6181.

VSE/SYSTEM PACKAGE 2.1.5 37

Basic Material: Order via SLSS

VSE/SP 2.1 Basic Components (Continued)

Title	Additional Copies	
	Form Number	Form Pseudo
SLSS ID = 7799-DHD	VSE/ICCF - 5666-302 - 2.1.1	
Specifications	GC33-6201-01	GT33-6201
Installation & Oper Ref	SC33-6203-1✓	ST33-6203
Terminal User's Guide	SC33-6204-21	ST33-6204
*** Messages	SC33-6205-1✓	ST33-6205
Intro to Interactive Prog	SC33-6202-1✓	ST33-6202
Reference Summary	GX33-9011-0✓	GT00-1520
*** Messages for VSE/ICCF can be found in <u>VSE/SP Messages and Codes</u>	SC33-6181.	
SLSS ID = 7799-DHE	DITTO for VSE and VM - 5668-917 - 1.1.0	
Specifications	GH19-6105-0✓	GT39-6105
General Information	GH19-6103-01	GT39-6103
Program Reference & Oper	SH19-6104-0✓	ST39-6104
Reference Card	SX11-6106-0✓	ST00-1039
SLSS ID = 7799-DHF	VSE/Fast Copy - 5746-AM4 - 1.2.0	
Specifications	GC33-6080-23	GQ33-6080
Program Summary	GC33-6158-0✓	GT33-6158
Installation Reference	SC33-6082-1✓	SQ33-6082
SLSS ID = 7799-DHG	ACF/VTAM - 5666-280 - 2.1.0	
Specifications	GC27-0609-0	GT27-0609
General Information	GC27-0608-1	GT27-0608
Planning & Install Ref	SC27-0610-1	ST27-0610
Operation	SC27-0612-1	ST27-0612
Messages and Codes	SC27-0614-1	ST27-0614
Programming	SC27-0611-0	ST27-0611
Reference Summary	SX27-0027-2	ST00-1502
Diagnosis Guide (VSE)	SC27-0630-0	ST27-0630
Master Index	GX27-0032-0	GT00-1073

VSE/SP 2.1 Basic Components continue on the next page...

Basic Material: Order via SLSS

VSE/SP 2.1 Basic Components (Continued)

Title	Additional Copies	
	Form Number	Form Pseudo
SLSS ID = 7799-DHH CICS/DOS/VS - 5746-XX3 - 1.6.0		
General Information	GC33-0155-1 ✓	GT33-0155
Release Guide (DOS/VS)	GC33-0130-1 ✓	GQ33-0130
Sys/Appli Design Guide	SC33-0068-2	ST00-0689
Prog Ref - Command Level	SC33-0077-4 ✓	ST00-1069
Prog Ref Summary - Command Lev	GX33-6012-4 ✓	GT00-1029
Prog Ref - Macro Level	SC33-0079-3 ✓	ST00-1070
Prog Ref - RPG	SC33-0085-2 ✓	ST00-1026
Messages & Codes	SC33-0081-3 ✓	ST00-1025
Master Index	SC33-0095-4 ✓	ST00-1393
Operator's Guide	SC33-0080-3 ✓	ST00-1071
Performance Guide	SC33-0134-1 ✓	SQ33-0134
Recovery and Restart Guide	SC33-0135-1 ✓	ST33-0135
Resource Definition Guide	SC33-0149-2 ✓	ST33-0149
Install and Oper Guide (DOS/VS)	SC33-0070-5 ✓	ST00-1068
Customization Guide	SC33-0131-1 ✓	ST33-0131
Problem Determination Guide	SC33-0089-2 ✓	ST00-1027
Prog Debug Reference Summary	SX33-6010-4 ✓	ST00-1028
Intercommunication Guide	SC33-0133-1 ✓	ST33-0133
IBM 3270/8775 Guide	SC33-0096-1 ✓	SQ33-0096
IBM 4700/3600/3630 Guide	SC33-0072-2	ST00-1031
IBM 3650/3680 Guide	SC33-0073-2	ST00-1032
IBM 3767/3770/6670 Guide	SC33-0074-2	ST00-1033
IBM 3790/3730/8100 Guide	SC33-0075-4	ST00-1034
Specifications	GC33-0084-4 ✓	GT00-1394
SLSS ID = 7799-DHJ BTAM-ES - 5746-RC5 and BTAM SCP - 5747-CG1 - 1.1.0		
Specifications BTAM-ES	GC38-0291-0	GT38-0291
General Information	GC38-0292-0	GT38-0292
Programming Reference	SC38-0293-0	ST38-0293
Installation	SC38-0294-0	ST38-0294
Messages	SC38-0295-0	ST38-0295

END OF VSE/SP 2.1 Basic Components

VSE SYSTEM PACKAGE 2.1.1 -- OPTIONAL PROGRAMS

Basic Material: Order via SLSS

Title	Additional Copies Form Number	Form Pseudo
-------	-------------------------------------	----------------

SLSS ID = 7799-DLA - DL/I DOS/VS - 5746-XX1 - 1.7.0

Specifications	GH24-5031-0	✓GT44-5031
High Level Prog Interface	SH24-5009-2	✓ST00-1503
General Information	GH20-1246-9	✓GT00-1504
Diagnostic Guide	SH24-5002-4	✓ST00-1505
Guide for New Users	SH24-5001-4	✓ST00-1506
Messages & Codes	SH12-5414-8	✓ST00-1507
Data Base Administration	SH24-5011-1	✓SQ44-5011
Resource Defin & Utilities	SH24-5021-1	✓SQ44-5021
Interactive Res Defin & Utilities	SH24-5029-0	✓ST44-5029
Recovery/Restart Guide	SH24-5030-0	✓ST44-5030
Data Base Design	SH24-5022-1	✓SQ44-5022
CALL and RQDLI Interfaces	SH12-5411-6	✓ST00-1508
Low Lvl Cont Chk Prog Ref	SH20-9046-3	✓SQ40-9046
Lib Guide & Master Index	GH24-5008-1	✓GQ44-5008
Ref: High-Level Programming	SX24-5120-2	✓ST00-1509
Ref: Call Programming	SX24-5103-4	✓ST00-1510
Ref: System Programming	SX24-5104-4	✓ST00-1511

SLSS ID = 7799-DNA - ACF/NCP Version 2 for 3725 (5735-XX9)

Specifications 5735-XX9	GC30-9564-0	GT30-9564
Install. & Resource Def. Guide	SC30-3178-0	✓ST30-3178
ACF/NCP/SSP 3725 Resource Def.	SC30-3179-0	ST30-3179
ACF/NCP/SSP 3725 Diagnosis	SC30-3181-0	✓ST30-3181

SLSS ID = 7799-DNN - ACF/NCP Version 2 for 3705 (5735-XX9)

Licensed Prog. Specs	GC30-9550-0	✓GT30-9550
----------------------	-------------	------------

Basic Material: Order via SLSS

Title	Additional Copies	
	Form Number	Form Pseudo

SLSS ID = 7799-DSA - ACF/SSP Version 2 Release 1.1
(5735-XXA) 3705/3725

Specifications 5735-XXA	GC30-9565-0	✓GT30-9565
Install & Res Def Guide (3705)	SC30-3167-0	✓ST30-3167
Utilities	SC30-3168-1	✓ST30-3168
ACF/NCP & SSP Msg & Codes	SC30-3169-4	✓SQ30-3169
Oper. Guide - 3725 Com. Cont.	GA33-0014-3	✓GT00-1512
Princ. of Operation - 3725	GA33-0013-3	✓GT00-1513
Install & Res Def Guide (3725)	SC30-3178-0	ST30-3178
Diagnosis Guide	SC30-3181-0	ST30-3181

NO SLSS ID FOR - SCP PROGRAM 5747-CH2 with the EP/VS Feature

No Unlicensed Publications for 5747-CH2

SLSS ID = 7799-DSL - Emulation Program for 3725 (5735-XXB)

Specifications-5735-XXB	GC30-9566-0	GT30-9566
Gen and Util - EP 3725	SC30-3172-1	SQ30-3172
Introduction to 3725	GA33-0010-1	GT00-1514
Asm. Language for 3705/3725	GC30-3003-2	GT30-3003

SLSS ID = 7799-DFN - NCCF - 5735-XX6 - 1.2.0

Specifications	GC27-0428-2	GT27-0428
Generation Information Manual	GC27-0429-8	GQ27-0429
Installation Manual	SC27-0660-1	ST27-0660
Messages	SC27-0431-4	SQ27-0431
Terminal Use	SC27-0432-5	SQ27-0432
Customization	SC27-0433-5	ST00-1074

Basic Material: Order via SLSS

Title	Additional Copies	
	Form Number	Form Pseudo
SLSS ID = 7799-DN1 - NPDA - 5666-295 - 3.1.0		
User's Guide	SC34-2112-1	ST34-2112
Messages and Codes	SC34-2115-0	ST34-2115
General Information	GC34-2111-0	GT34-2111
Installation	SC34-2117-0	ST34-2117
Recommended Action Guide	SC34-2113-1	ST34-2113
Specifications	GC34-2116-1	GT34-2116
User Reference	SC34-2114-0	ST34-2114
Diagnosis	SC34-2130-0	ST34-2130

SLSS ID = 7799-DCZ - DOS/VS COBOL Compiler
and Library - 5746-CB1 - 1.3.0

IBM VS COBOL for VSE	GC26-3998-0	GT26-3998
Ref and Reserve Word Summary	GX26-3709-0	GT00-1040
Programmer's Guide	SC28-6478-5✓	ST00-1646
Installation Reference Manual	SC28-6479-3	SQ28-6479
Specifications	GC28-6487-3	GQ28-6487
CMS User's Guide for COBOL	SC28-6469-5✓	ST00-1449

SLSS ID = 7799-TAR - DOS/VS RPG II - 5746-RG1 - 1.3.0

Specifications	GC33-6029- 1 2	GT33-6029
Language	SC33-6031-3✓	SQ33-6031
Installation Reference	SC33-6032-2 ✓	ST00-0604
General Information	GC33-6120-1✓	GT33-6120
Messages	SC33-6033-1✓	SQ33-6033
Auto Report	SC33-6034-1✓	SQ33-6034
User's Guide	SC33-6074-0 ✓	ST33-6074

Basic Material: Order via SLSS

Title	Additional Copies	
	Form Number	Form Pseudo
SLSS ID = 7799-DAQ - DOS/PLI Optimizing Compiler and Libraries - 5736-PL3 - 1.6.0		
Language Reference Manual	GC26-3977-1	GQ26-3977
Programmer's Guide	SC33-0008-6	ST00-1647
Specifications Compiler	GC26-3994-4	GQ26-3994
Specifications Res Lib	GC26-3996-4	GQ26-3996
Specifications Trans Lib	GC26-3995-4	GQ26-3995
Installation Manual	SC33-0020-7	ST00-1648
Messages Compiler	SC33-0021-4	ST33-0021
Messages Trans Lib	SC33-0035-2	ST33-0035
Execution Logic	SC33-0019-2	SQ33-0019
Extended Graphic Supplement	SC26-3971-1	ST26-3971
CMS User's Guide	SC33-0051-0	ST33-0051
SLSS ID = 7799-DDQ - DOS/PLI Resident Library - 5736-LM4 - 1.6.0		
Programmer's Guide	SC33-0008-6	ST00-1647
Specifications Res Lib	GC26-3996-4	GQ26-3996
Execution Logic	SC33-0019-2	SQ33-0019
Installation Manual	SC33-0020-7	ST00-1648
SLSS ID = 7799-DEQ - DOS/PLI Transient Library - 5736-LM5 - 1.6.0		
Programmer's Guide	SC33-0008-6	ST00-1647
Specifications	GC26-3995-4	GQ26-3995
Execution Logic	SC33-0019-2	SQ33-0019
Installation Manual	SC33-0020-7	ST00-1648
Messages	SC33-0035-2	ST33-0035

Basic Material: Order via SLSS

Title	Additional Copies	
	Form Number	Form Pseudo

SLSS ID = 7799-DCQ - DOS/PLI Optimizing Compiler - 5736-PL1 - 1.6.0

Language Reference Manual	GC26-3977-1	GQ26-3977
Programmer's Guide	SC33-0008-6	ST00-1647
Specifications	GC26-3994-4	GQ26-3994
Execution Logic	SC33-0019-2	SQ33-0019
Installation Manual	SC33-0020-7	ST00-1648
Messages	SC33-0021-4	ST33-0021
Extended Graphic Supplement	SC26-3971-1	ST26-3971
CMS User's Guide	SC33-0051-0	ST33-0051

SLSS ID = 7799-DTS - Sort/Merge II - 5746-SM2 - 2.5.0

Programming Guide	SC33-4044-3	✓ST00-1041
Installation	SC33-4045-5	✓ST00-1042
Specifications	GC33-4047-4	✓GT00-1043
Reference Summary	GX33-8002-1	✓GT00-1044
General Information	GC33-4043-5	✓GT33-4043

SLSS ID = 7799-DCG - VSE/OCCF - 5746-XC5 - 1.2.0

Specifications	GC33-6114-1	SQ33-6114
OCCF Install Guide and Reference	SC33-6115-2	SQ33-6115
General Information	GC33-6113-3	GT00-1527

SLSS ID = 7799-DK1 - VTAM X.25 COM. ADAPTER SUPPORT - 5666-280 - 1.1.0

NOTE 1: The X.25 CAS Feature is NOT available in the USA. It is announced only in A/FE and E/ME/A.

NOTE 2: The X.25 Publications must be ordered by SLSS-ID

VTAM X.25 Communicaton Adapter Supt.	SC33-6171-0	ST33-6171
VTAM X.25 Com. Ad. Supt. Prog. Sum.	SC33-6172-0	ST33-6172
ACF/VTAM Licensed Program Spec.	GC27-0609-1	GQ27-0609

Basic Material: Order via SLSS

Title	Additional Copies	
	Form Number	Form Pseudo

SLSS ID = 7799-DAV - VSE/Access Control -
Logging and Reporting - 5746-XE7 - 1.2.0

Specifications	GH12-5241-1	GQ32-5241
Program Summary	GC33-6169-0	GT33-6169
Program Ref. & Oper	SH12-5336-2	SQ32-5336

SLSS ID = 7799-DFE - DMS/CICS/VS and
Application Generation Feature - 5746-XC4 - 1.4.1

General Information	GH20-2195-4	GT00-1083
Program Reference Manual	SH20-2209-5	ST00-1084
User's Guide	SH20-0001-1	SQ40-0001
Application Examples	SH20-0002-1	SQ40-0002
Problem Determination Guide	SH20-0003-0	ST40-0003
Install and Operations	SH20-0004-0	ST40-0004
Messages and Codes	SH20-0005-1	SQ40-0005
Data Transfer Form	GX20-1998-1	GT00-1085
File Description Form	GX20-1999-1	GT00-1086
Panel Description Form	GX20-2000-4	GT00-1087
Panel Description Overlay	GX20-2339-1	GT00-0643
Calc Edit Form	GX20-2341-1	GT00-1131

SLSS ID = 7799-DAZ - Info System - 5735-OZS - 1.1.2

General and Pre-Install	GC34-2069-0	GT34-2069
Specifications	GC34-2070-1	GQ34-2070
User's Guide	SC34-2072-0	ST34-2072
Install and Customize	SC34-2071-2	SQ34-2071
Messages	SC34-2074-1	SQ34-2074
Template for 3270	GX20-2392-0	GT00-0929

Basic Material: Order via SLSS

Title	Additional Copies	
	Form Number	Form Pseudo
SLSS ID = 7799-DDA - Data Dictionary - 5746-XXC - 1.4.0		

General Information	GH20-9193-0	GT40-9193
Specifications	GH20-9194-0	GT40-9194
Users Guide and Reference	SH20-9195-0	ST40-9195
Installation Guide	SH20-9196-0	ST40-9196
Application Guide	SH20-9197-0	ST40-9197
Admin & Customization Guide	SH20-9198-0	ST40-9198
Diagnostic Guide	SY20-8082-0	ST60-8082
Field Def Form	GX26-3733-0	GT00-1036
Segment Def Form	GX26-3732-0	GT00-1035
Field Def PL/I	GX26-3734-0	GT00-1037
Text Data Form	GX26-3735-0	GT00-1038

SLSS ID = 7799-DBQ - SQL/Data System - 5748-XXJ - 1.3.0

General Information for VSE	GH24-5012-4	GT00-1668
Concepts and Facilities for VSE	GH24-5013-3	GT00-1669
Planning and Admin. for VSE	SH24-5014-3	ST00-1670
Installation for VSE	SH24-5015-3	ST00-1671
Terminal User's Guide for VSE	SH24-5016-3	ST00-1672
Terminal User's Reference for VSE	SH24-5017-3	ST00-1673
Terminal User's Ref. Sum. for VSE	SX24-5121-2	ST00-1674
Terminal User's PF Key Template	SX24-5125-2	ST00-1675
Application Programming for VSE	SH24-5018-3	ST00-1676
Messages and Codes for VSE	SH24-5019-3	ST00-1677
Operation for VSE	SH24-5020-3	ST00-1678
Data Base Services Utility for VSE	SH24-5046-1	SQ44-5046
Master Index for VSE	SH24-5027-2	ST00-1707
Diagnosis Guide for VSE	SY24-5229-0	ST64-5229
Diagnosis Reference for VSE	SY24-5231-0	ST64-5231
Licensed Program Spec.	GH24-5026-3	GT00-1679

Basic Material: Order via SLSS

Title	Additional Copies	
	Form Number	Form Pseudo

SLSS ID = 7799-DCV - CICS/SCREEN DEFINITION FACILITY 5746-XXT 1.4.0

Specifications	GH19-6090-2	GT39-6090
Program Reference	SH19-6077-3	ST39-6077
Operations Guide	SH19-6094-1	ST39-6094
Messages and Codes	SH19-6085-2	ST39-6085
Primer	SH19-6102-0	ST39-6102
General Information	GH19-6087-2	GT39-6087
Reference Summary	SX11-6015-2	ST00-1515
Diagnosis Reference	SY19-6063-0	ST59-6063

-2
SH19-8107-1
GH19-8104-1 (1.5)

SLSS ID = 7799-DFA - FILE TRANSFER PROGRAM - 5668-932 - 2.2.0

General Information Manual	GH12-5141-1	GQ32-5141
License Program Spec.	GH12-5261-1	GQ32-5263
Prog. Ref. Oper.+ Diag. Guide	SH12-5349-2	SQ32-5349
Diagnosis Reference	SY12-5350-1	SQ52-5350
Application Programmer Guide	SH12-5373-0	ST32-5373
Messages	SH12-5534-0	ST32-5534
Installation Guide	SH12-5354-3	SQ32-5354
Prompter User Guide	SH12-5352-1	SQ32-5352

SLSS ID = 7799-DRA - ISPF - 5668-960 - 1.1.0

Licensed Program Specifications	GC34-2081-3	GT00-1649
ISPF & PDF Install & Customization	SC34-2080-1	SQ34-2080
ISPF & PDF General Information	GC34-2078-3	GT00-1651
ISPF: Dialog Management Services	SC34-2088-2	ST00-1652
ISPF: Dialog Mgmt. Services Examples	SC34-2085-2	ST00-1653
ISPF & PDF Diagnosis Manual	SC34-2132-1	ST34-2132

SLSS ID = 7799-DRF - ISPF/PDF - 5666-281 - 1.1.0

PDF License Program Spec.	GC34-2082-3	GT00-1654
PDF Reference Manual	SC34-2079-1	SQ34-2079

Basic Material: Order via SLSS

Title	Additional Copies	
	Form Number	Form Pseudo

SLSS ID = 7799-DRM - DISOSS - 5666-270 - 3.2.0

DISOSS Licensed Program Spec.	GC30-9581-1	GT30-9581
DISOSS Installation Guide (VSE)	SC30-3232-3	ST30-3232
DISOSS Install and Admin. Reference	SC30-3092-4	ST30-3092
Tab Cards for Inst. & Admin. Ref.	GX27-3551-1	GT00-1655
DISOSS Messages	SC30-3094-4	ST30-3094
Tab Cards for DISOSS Messages	SX27-3564-0	ST00-1656
DISOSS Diagnosis	SC30-3097-4	SQ30-3097
Tab cards for DISOSS Diagnosis	GX27-3562-0	ST00-1657
DOSOSS General Information	GC30-3085-3	GT30-3085
DISOSS Planning Guide	SC30-3093-3	ST30-3093
Tab cards for DISOSS Planning Guide	GX27-3550-0	GT00-1658
DISOSS Administration Guide	SC30-3091-4	ST30-3091
DISOSS Application Programming	SC30-3096-2	ST30-3096
Architecture Ref. for Doc. Int. Unit	SC30-3276-1	ST30-3276
Tab cards for Architecture Ref.	SX27-3597-0	ST00-1659
DISOSS Bib. and Master Index	SC30-3277-0	ST30-3277
Scanmaster I User's Guide	SC30-3095-3	ST30-3095
Scanmaster I Keypad template	SX27-3543-1	ST00-1660
Scanmaster I DISOSS Directions	SX27-3544-1	ST00-1661

SLSS ID = 7799-DGM - GDDM - 5748-XXH - 1.4.0

GDDM Messages	SC33-0150-1	SQ33-0150
GDDM Install. & System Management	SC33-0152-1	SQ33-0152
GDDM Licensed Program Specifications	GC33-0108-4	GT00-1662
GDDM Base Program Reference	SC33-0101-4	ST00-1663
GDDM Diagnosis Guide	SC33-0184-0	ST33-0184
GDDM Application Programming Guide	SC33-0148-2	SQ33-0148
GDDM Base Image Symbol Editor Guide	SC33-0153-0	ST33-0153
GDDM PGF Programming Reference	SC33-0102-3	ST00-1664
GDDM PGF Vector Symbol Editor Guide	SC33-0145-2	SQ33-0145
GDDM PGF Interact. Chart Util. Guide	SC33-0111-3	ST00-1665
GDDM IMD Users Guide	SC33-0154-0	ST33-0154

Basic Material: Order via SLSS

Title	Additional Copies	
	Form Number	Form Pseudo

SLSS ID = 7799-DJ1 - DECISION SUPPORT/VSE - 5666-311 - 1.1.0

General Information Manual	GC33-6186-0	GT33-6186
Plan., Admin., Install. & Diagnosis	SC33-6187-1	SQ33-6187
Terminal Users Guide and Messages	SC33-6188-0	ST33-6188
Licensed Program Specifications	GC33-6185-0	GT33-6185
GDDM Messages	SC33-0150-1	SQ33-0150
GDDM Install. & System Management	SC33-0152-1	SQ33-0152
GDDM Licensed Program Specifications	GC33-0108-4	GT00-1662
GDDM Base Program Reference	SC33-0101-4	ST00-1663
GDDM Diagnosis Guide	SC33-0184-0	ST33-0184
GDDM Application Programming Guide	SC33-0148-2	SQ33-0148
GDDM Base Image Symbol Editor Guide	SC33-0153-0	ST33-0153
GDDM PGF Programming Reference	SC33-0102-3	ST00-1664
GDDM PGF Vector Symbol Editor Guide	SC33-0145-2	SQ33-0145
GDDM PGF Interact. Chart Util. Guide	SC33-0111-3	ST00-1665
QMF Planning and Administration	SH24-5034-0	ST44-5034
QMF Diagnosis Guide	SY24-5223-0	ST64-5223
QMF Diagnosis Reference	SY24-5224-0	ST64-5224
QMF Installation	SH24-5035-0	ST44-5035
QMF Licensed Program Specification	GH24-5032-0	ST44-5032
QMF Introduction	GH24-5036-0	GT44-5036
QMF Learner's Guide	SH24-5037-0	ST44-5037
QMF Reference Summary	SX24-5128-0	ST00-1778
QMF User's Guide and Reference	SH24-5038-0	ST44-5038
SQL General Information for VSE	GH24-5012-4	GT00-1668
SQL Concepts and Facilities for VSE	GH24-5013-3	GT00-1669
SQL Planning and Admin. for VSE	SH24-5014-3	ST00-1670
SQL Installation for VSE	SH24-5015-3	ST00-1671
SQL Terminal User's Guide for VSE	SH24-5016-3	ST00-1672
SQL Terminal User's Ref. for VSE	SH24-5017-3	ST00-1673
SQL Terminal User's Ref. Sum.	SX24-5121-2	ST00-1674
SQL Terminal User's PF Key Template	SX24-5125-2	ST00-1675
SQL Application Programming for VSE	SH24-5018-3	ST00-1676
SQL Messages and Codes for VSE	SH24-5019-3	ST00-1677
SQL Operation for VSE	SH24-5020-3	ST00-1678
SQL Data Base Services Utility	SH24-5046-1	SQ44-5046
SQL Master Index for VSE	SH24-5027-2	ST00-1707
SQL Diagnosis Guide for VSE	SY24-5229-0	ST64-5229
SQL Diagnosis Reference for VSE	SY24-5231-0	ST64-5231
SQL Licensed Program Spec.	GH24-5026-3	GT00-1679

Basic Material: Order via SLSS

Title	Additional Copies	
	Form Number	Form Pseudo
SLSS ID = 7799-DQM - CSP/AD - 5668-824 - 2.1.1		
Licensed Program Spec	GH20-6757-1	GT40-6757
General Information	GH20-6750-0	GT40-6750
User's Guide	SH20-6751-0	ST40-6751
System Administration	SH20-6753-0	ST40-6753
Operation - Development	SH20-6752-0	ST40-6752
Master Index	GH20-6763-0	GT40-6763
Messages and Codes	SH20-6755-0	ST40-6755
Problem Diagnosis Guide	SH20-6756-0	ST40-6756
Ref. Summary Card	GX20-0960-0	GT00-1688

SLSS ID = 7799-DQS - CSP/AE - 5668-825 - 2.1.1

Licensed Program Spec	GH20-6758-1	GT40-6758
General Information	GH20-6750-0	GT40-6750
Operation - Execution	SH20-6754-0	ST40-6754
Messages and Codes	SH20-6755-0	ST40-6755
Problem Diagnosis Guide	SH20-6756-0	ST40-6756
Master Index	GH20-6763-0	GT40-6763

SLSS ID = 7799-DQY - CSP/Q - 5668-918 - 1.2.0

CSP/Q Licensed Program Spec	GH24-5047-2	GQ44-5047
CSP/Q General Information	GH24-5048-2	GQ44-5048
CSP/Q System Administration	SH24-6000-1	SQ44-6000
CSP/Q User's Guide/Reference	SH24-5051-2	SQ44-5051
CSP/Q Messages	SH24-5052-2	SQ44-5052
CSP/Q Problem Diagnosis Guide	SH24-5053-2	SQ44-5053

Basic Material: Order via SLSS

Title	Additional Copies	
	Form Number	Form Pseudo
SLSS ID = 7799-DQA - CSP/AD - 5668-944 - 1.1.5		

Licensed Prog Spec	GH20-0951-01	GQ40-0951
General Information	GH20-0940-01	GT40-0940
How-To-Use	SH20-0941-00	ST40-0941
Application Development Guide	SH20-0942-00	ST40-0942
Operation - Development	SH20-0943-01	SQ40-0943
Operation - Sys. Considerations	SH20-0944-01	SQ40-0944
Messages and Codes	SH20-0946-01	SQ40-0946
Problem Determination	SH20-0947-01	SQ40-0947
Ref. Summary Card	GX20-0950-00	GT00-1434

SLSS ID = 7799-DQF - CSP/AE - 5668-945 - 1.1.5

Licensed Prog Spec	GH20-0952-01	GQ40-0952
General Information	GH20-0940-01	GT40-0940
Operation - Execution	SH20-0945-01	SQ40-0945
Messages and Codes	SH20-0946-01	SQ40-0946
Problem Determination	SH20-0947-01	SQ40-0947

Basic Material: Order via SLSS

Title	Additional Copies	
	Form	Form
	Number	Pseudo

SLSS ID = 7799-DJF - INFORMATION DEVELOPMENT/VSE GROWTH - 5666-323 - 1.1.0

NOTE: Because the program number for Information Development/VSE Growth and Information Development/VSE Entry is the same (5666-323), it cannot be used to order all books for the product. The correct SLSS ID must be used for the respective product.

Licensed Program Specifications	GC33-6214-0	GT33-6214
General Information Manual	GC33-6216-0	GT33-6216
Plan., Admin., Install & Diagnosis	SC33-6217-1	SQ33-6217
Users Guide & Messages	SC33-6218-1	SQ33-6218
CSP/AD+AE General Information	GH20-6750-0	GT40-6750
CSP/AD+AE User's Guide	SH20-6751-0	ST40-6751
CSP/AD+AE System Administration	SH20-6753-0	ST40-6753
CSP/AD+AE Operation - Development	SH20-6752-0	ST40-6752
CSP/AD+AE Master Index	GH20-6763-0	GT40-6763
CSP/AD+AE Messages and Codes	SH20-6755-0	ST40-6755
CSP/AD+AE Problem Diagnosis Guide	SH20-6756-0	ST40-6756
CSP/AD Ref. Summary Card	GX20-0960-0	GT00-1688
CSP/AD Licensed Program Spec	GH20-6757-1	GT40-6757
CSP/AE Licensed Program Spec	GH20-6758-1	GT40-6758
CSP/AE Operation - Execution	SH20-6754-0	ST40-6754
CSP/Q Licensed Program Spec	GH24-5047-2	GQ44-5047
CSP/Q General Information	GH24-5048-2	GQ44-5048
CSP/Q System Administration	SH24-6000-1	SQ44-6000
CSP/Q User's Guide/Reference	SH24-5051-2	SQ44-5051
CSP/Q Messages	SH24-5052-2	SQ44-5052
CSP/Q Problem Diagnosis Guide	SH24-5053-2	SQ44-5053
GDDM Messages	SC33-0150-1	SQ33-0150
GDDM Install. & System Management	SC33-0152-1	SQ33-0152
GDDM Licensed Program Specifications	GC33-0108-4	GT00-1662
GDDM Base Program Reference	SC33-0101-4	ST00-1663
GDDM Diagnosis Guide	SC33-0184-0	ST33-0184
GDDM Application Programming Guide	SC33-0148-2	SQ33-0148
GDDM Base Image Symbol Editor Guide	SC33-0153-0	ST33-0153
GDDM PGF Programming Reference	SC33-0102-3	ST00-1664
GDDM PGF Vector Symbol Editor Guide	SC33-0145-2	SQ33-0145
GDDM PGF Interact. Chart Util. Guide	SC33-0111-3	ST00-1665

Basic Material: Order via SLSS

Title	Additional Copies	
	Form Number	Form Pseudo

SLSS ID = 7799-DJA - INFORMATION DEVELOPMENT/VSE ENTRY - 5666-323 - 1.1.0

NOTE: Because the program number for Information Development/VSE Growth and Information Development/VSE Entry is the same (5666-323), it cannot be used to order all books for the product. The correct SLSS ID must be used for the respective product.

Licensed Program Specifications	GC33-6214-0	GT33-6214
General Information Manual	GC33-6216-0	GT33-6216
Plan., Admin., Install. & Diagnosis	SC33-6217-1	SQ33-6217
Users Guide & Messages	SC33-6218-1	SQ33-6218
CSP/AD+AE General Information	GH20-0940-1	GT40-0940
CSP/AD How-To-Use	SH20-0941-0	SQ40-0941
CSP/AD Application Dev. Guide	SH20-0942-0	SQ40-0942
CSP/AD Operation - Development	SH20-0943-1	SQ40-0943
CSP/AD Operation - Sys. Consid.	SH20-0944-1	SQ40-0944
CSP/AD+AE Messages and Codes	SH20-0946-1	SQ40-0946
CSP/AD+AE Problem Determination	SH20-0947-1	SQ40-0947
CSP/AD Ref. Summary Card	GX20-0950-0	GT00-1434
CSP/AE Operation - Execution	SH20-0945-1	SQ40-0945
CSP/AD Licensed Program Spec	GH20-0951-1	GQ40-0951
CSP/AE Licensed Program Spec	GH20-0952-1	GQ40-0952
CSP/Q Licensed Program Spec	GH24-5047-2	GQ44-5047
CSP/Q General Information	GH24-5048-2	GQ44-5048
CSP/Q System Administration	SH24-6000-1	SQ44-6000
CSP/Q User's Guide/Reference	SH24-5051-2	SQ44-5051
CSP/Q Messages	SH24-5052-2	SQ44-5052
CSP/Q Problem Diagnosis Guide	SH24-5053-2	SQ44-5053
GDDM Messages	SC33-0150-1	SQ33-0150
GDDM Install. & System Management	SC33-0152-1	SQ33-0152
GDDM Licensed Program Specifications	GC33-0108-4	GT00-1662
GDDM Base Program Reference	SC33-0101-4	ST00-1663
GDDM Diagnosis Guide	SC33-0184-0	ST33-0184
GDDM Application Programming Guide	SC33-0148-2	SQ33-0148
GDDM Base Image Symbol Editor Guide	SC33-0153-0	ST33-0153
GDDM PGF Programming Reference	SC33-0102-3	ST00-1664
GDDM PGF Vector Symbol Editor Guide	SC33-0145-2	SQ33-0145
GDDM PGF Interact. Chart Util. Guide	SC33-0111-3	ST00-1665

Basic Material: Order via SLSS

Title	Additional Copies	
	Form	Form
	Number	Pseudo

SLSS ID = 7799-DGW - PERSONAL SERVICES/370 - 5666-318 - 1.1.0

Introducing Personal Services/370	GC30-3292-0	GT30-3292
Getting Started with PS/370	SC30-3296-0	ST30-3296
Personal Services/370: Mini Lessons	SC30-3297-0	ST30-3297
How To Use Personal Services/370	SC30-3298-0	ST30-3298
Coordinating Personal Services/370	SC30-3299-0	ST30-3299
Planning for Personal Services/370	SC30-3293-0	ST30-3293
Installing Personal Services/370	SC30-3295-0	ST30-3295
Diagnosing Problems with PS/370	SC30-3300-0	ST30-3300
Capacity Planning Guide for PS/370	SC30-3334-0	ST30-3334
Personal Services/370: Messages	SC30-3325-0	ST30-3325
Licensed Program Specification	GC30-9587-0	GT30-9587
Quick Reference to PS/370	SX27-3603-0	ST00-1689

1.18 LICENSED DOCUMENTATION FOR VSE/SP 2.1.5

Licensed Documentation for VSE/SP 2.1.5 - Full Function (5666-316)

Order by Feature Number as a feature of 5666-316

Single Copy	Additional Copies		
Feature	Feature	Form	Form
Number Title	Number	Number	Pseudo

VSE/Advanced Functions - 5666-301 - 2.1.3

LOGIC MANUALS

7401 LIOCS V1	8200	LY33-9116-0	LT73-9116
7402 LIOCS V2	8201	LY33-9117-0	LT73-9117
7403 LIOCS V3	8202	LY33-9118-0	LT73-9118
7404 LIOCS V4	8203	LY33-9119-0	LT73-9119
7405 Log.Trans & SIJBSxxx	8204	LY33-9109-0	LT73-9109
7406 IPL and Job Control	8205	LY33-9110-0	LT73-9110
7407 Linkage Editor	8206	LY33-9112-0	LT73-9112
7408 Servicability Aids	8207	LY33-9115-0	LT73-9115
7409 Librarian	8208	LY33-9111-0	LT73-9111
7410 System Utilities	8209	LY33-9114-0	LT73-9114
7411 MSHP Diagnostic Ref	8210	LY33-9113-0	LT73-9113
7412 Supervisor	8211	LY33-9107-0	LT73-9107
7413 Error Recov Trans	8212	LY33-9108-0	LT73-9108
7414 Handbook	8225	LY33-9121-0	LT73-9121

MICROFICHE

7427 Assembler	8226	LYC7-2011-02	LT00-1099
7420 MSHP	8218	LYC7-2048-00	LTC7-2048
7419 Control Lib.	8217	LYC7-2047-00	LTC7-2047
7415 Access. Meth.	8213	LYC7-2043-00	LTC7-2043
7416 ICA Utilities	8214	LYC7-2044-00	LTC7-2044
7417 OC/MC	8215	LYC7-2045-00	LTC7-2045
7418 Special Development	8216	LYC7-2046-00	LTC7-2046

Licensed Documentation for VSE/SP 2.1.5 (Continued)
Order by Feature Number as a feature of 5666-316

Single Copy		Additional Copies		
Feature		Feature	Form	Form
Number	TITLE	Number	Number	Pseudo
VSE/VSAM, Backup/Restore Feature, and Space Management Feature 5746-AM2 - 1.3.0				
7533	Fiche-VSE/VSAM	8146	LYB4-6102-2	LT00-0891
7428	Logic Vol 1 VSE/VSAM	8147	LY24-5191-2	LT00-0892
7428	Logic Vol 2 VSE/VSAM	8148	LY24-5192-1	LQ64-5192
7429	AMS Logic	8149	LY24-5195-1	LQ64-5195
7534	Fiche-B/R Feat	8151	LYC7-0470-1	LTC7-0470
7430	Logic-B/R Feat	8150	LY24-5213-1	LQ64-5213
7536	Fiche-SAM Feat	8153	LYB4-6104-0	LTB4-6104
7431	Logic-SAM Feat	8152	LY24-5204-0	LT64-5204
VSE/POWER - 5666-273 - 2.2.3				
7421	Fiche: VSE/POWER	8219	LYC7-0486-0	LTC7-0486
7422	Diagnosis Reference	8220	LY12-5027-4	LT00-1521
7545	Handbook	8230	LY33-9094-3	LT00-1951
VSE/ICCF - 5666-302 - 2.1.1				
7425	Listings - Fiche	8223	LYC7-0494-0	LTC7-0494
7426	Diagnosis Reference	8224	LY33-9120-0	LT73-9120
7544	Handbook	8229	LY33-9122-0	LT73-9122
VSE/Fast Copy - 5746-AM4 - 1.2.0				
7432	Diagnosis: Ref	8161	LY33-9090-0	LT73-9090
7540	Microfiche	8162	LYC7-0469-1	LQC7-0469

Licensed Documentation for VSE/SP 2.1.5 (Continued)
 Order by Feature Number as a feature of 5666-316

Single Copy		Additional Copies		
Feature		Feature	Form	Form
Number	TITLE	Number	Number	Pseudo
CICS/DOS/VS - 5746-XX3 - 1.6.0				
7433	Diagnosis Reference	8163	LC33-0105-1	LQ33-0105
7541	CICS/DOS/VS Fiche	8164	LYA4-3012-0	LTA4-3012
7434	Logic Data Areas (DOS/VS)	8532	LY33-6033-2	LT00-1030

ACF/VTAM - 5666-280 - 2.1.0

7435	Diagnosis Reference (VSE)	8166	LY38-3058-0	LT78-3058
7436	Data Areas (VSE)	8167	LY38-3059-0	LT78-3059
7542	Listings Fiche	8168	LJB1-2053-0	LTB1-2053

BTAM-ES - 5746-RC5 and BTAM SCP - 5747-CG1 - 1.1.0

7543	Fiche	8169	LJB1-0407-0	LTB1-0407
7437	Logic	8170	LY27-8030-0	LT67-8030

There is no licensed documentation available for the following products:

VSE/OLTEP - 5656-092 - 1.1.0

DITTO for VSE and VM - 5668-917 - 1.1.0

EREP - 5656-093 - 3.2.0

Device Support Facilities - 5747-DS2 - 1.8.0

End of Licensed Documentation for VSE/SP 2.1.5 5666-316

1.19 LICENSED DOCUMENTATION FOR VSE/SP 2.1.5 PARTIAL FUNCTION (5799-BWH)

Order by Feature Number as a feature of 5799-BWH

Single Copy	Additional Copies		
Feature	Feature	Form	Form
Number Title	Number	Number	Pseudo

VSE/Advanced Functions - 5666-301 - 2.1.3

LOGIC MANUALS

7401	LIOCS V1	8225	LY33-9116-0	LT73-9116
7402	LIOCS V2	8226	LY33-9117-0	LT73-9117
7403	LIOCS V3	8227	LY33-9118-0	LT73-9118
7404	LIOCS V4	8228	LY33-9119-0	LT73-9119
7405	Log.Trans & \$IJSxxx	8229	LY33-9109-0	LT73-9109
7406	IPL and Job Control	8230	LY33-9110-0	LT73-9110
7407	Linkage Editor	8231	LY33-9112-0	LT73-9112
7408	Servicability Aids	8232	LY33-9115-0	LT73-9115
7409	Librarian	8233	LY33-9111-0	LT73-9111
7410	System Utilities	8234	LY33-9114-0	LT73-9114
7411	MSHP Diagnostic Ref	8235	LY33-9113-0	LT73-9113
7412	Supervisor	8236	LY33-9107-0	LT73-9107
7413	Error Recov Trans	8237	LY33-9108-0	LT73-9108
7414	Handbook	8238	LY33-9121-0	LT73-9121

MICROFICHE

7427	Assembler	8239	LYC7-2011-02	LT00-1099
7420	MSHP	8240	LYC7-2048-00	LTC7-2048
7419	Control Lib.	8241	LYC7-2047-00	LTC7-2047
7415	Access. Meth.	8242	LYC7-2043-00	LTC7-2043
7416	ICA Utilities	8243	LYC7-2044-00	LTC7-2044
7417	OC/MC	8244	LYC7-2045-00	LTC7-2045
7418	Special Development	8245	LYC7-2046-00	LTC7-2046

Licensed Documentation for VSE/SP 2.1.5 (Continued)
Order by Feature Number as a feature of 5799-BWH

Single Copy		Additional Copies		
Feature		Feature	Form	Form
Number	TITLE	Number	Number	Pseudo
VSE/VSAM, Backup/Restore Feature, and Space Management Feature				
5746-AM2 - 1.3.0				

7533	Fiche-VSE/VSAM	8246	LYB4-6102-2	LT00-0891
7428	Logic Vol 1 VSE/VSAM	8247	LY24-5191-2	LT00-0892
7428	Logic Vol 2 VSE/VSAM	8248	LY24-5192-1	LQ64-5192
7429	AMS Logic	8249	LY24-5195-1	LQ64-5195

7534	Fiche-B/R Feat	8250	LYC7-0470-1	LTC7-0470
7430	Logic-B/R Feat	8251	LY24-5213-1	LQ64-5213
7536	Fiche-SAM Feat	8252	LYB4-6104-0	LTB4-6104
7431	Logic-SAM Feat	8253	LY24-5204-0	LT64-5204

VSE/POWER - 5666-273 - 2.2.3

7421	Fiche: VSE/POWER	8254	LYC7-0486-0	LTC7-0486
7422	Diagnosis Reference	8255	LY12-5027-4	LT00-1521
7545	Handbook	8299	LY33-9094-3	LT00-1951

VSE/ICCF - 5666-302 - 2.1.1

7425	Listings - Fiche	8256	LYC7-0494-0	LTC7-0494
7426	Diagnosis Reference	8257	LY33-9120-0	LT73-9120
7544	Handbook	8298	LY33-9122-0	LT73-9122

VSE/Fast Copy - 5746-AM4 - 1.2.0

7432	Diagnosis: Ref	8258	LY33-9090-0	LT73-9090
7540	Microfiche	8259	LYC7-0469-1	LQC7-0469

Licensed Documentation for VSE/SP 2.1.5 (Continued)
 Order by Feature Number as a feature of 5799-BWH

Single Copy Feature Number	TITLE	Feature Number	Additional Copies Form Number	Form Pseudo
CICS/DOS/VS - 5746-XX3 - 1.6.0				
7433	Diagnosis Reference	8260	LC33-0105-1	LQ33-0105
7541	CICS/DOS/VS Fiche	8261	LYA4-3012-0	LTA4-3012
7434	Logic Data Areas (DOS/VS)	8262	LY33-6033-2	LT00-1030

ACF/VTAM - 5666-280 - 2.1.0				
7435	Diagnosis Reference (VSE)	8263	LY38-3058-0	LT78-3058
7436	Data Areas (VSE)	8264	LY38-3059-0	LT78-3059
7542	Listings Fiche	8265	LJB1-2053-0	LTB1-2053

BTAM-ES - 5746-RC5 and BTAM SCP - 5747-CG1 - 1.1.0				
7543	Fiche	8266	LJB1-0407-0	LTB1-0407
7437	Logic	8267	LY27-8030-0	LT67-8030

There is no licensed documentation available for the following products:

VSE/OLTEP - 5656-092 - 1.1.0

DITTO for VSE and VM - 5668-917 - 1.1.0

EREP - 5656-093 - 3.2.0

Device Support Facilities - 5747-DS2 - 1.8.0

End of Licensed Documentation for VSE/SP 2.1.5 5799-BWH

***** VSE/SP 2.1.5 OPTIONAL PROGRAMS *****

Licensed Documentation for VSE/SP 2.1.5 Optional Programs.
Order by Feature Number with the Licensed Program Number
of the individual products.

Single Copy		Additional Copies		
Feature		Feature	Form	Form
Number	TITLE	Number	Number	Pseudo

DL/I DOS/VS - 5746-XX1 - 1.7.0

7250 Fiche	8059	LYB4-6105-1	LQB4-6105
7240 Logic Manual Vol 1	8528	LY12-5016-7	LT00-1501
7240 Logic Manual Vol 2	8521	LY24-5215-1	LQ64-5215

ACF/NCP Version 2 for 3725 (5735-XX9)

7140 ACF/NCP 3725 Diag. Ref.	8256	LY30-3071-0	LT70-3071
7141 Ref. Sum. & Data Areas	8257	LY30-3070-0	LT70-3070
7142 Fiche - Asm. Listing	8258	LJD2-4172-0	LTD2-4172

ACF/NCP Version 2 for 3705 (5735-XX9)

7143 ACF/NCP Logic	8259	LY30-3061-0	LT70-3061
7144 ACF/NCP Prog. Ref. Sum.	8260	LY30-3062-1	LQ70-3062
7145 ACF/NCP Microfiche	8261	LJD2-4166-0	LTD2-4166

ACF/SSP Version 2 Release 1.1 (5735-XXA) 3705/3725

7040 ACF/NCP Diag. Ref.	8264	LY30-3060-3	LT70-3060
7140 ACF/SSP Microfiche	8265	LJD2-4171-0	LTD2-4171

SCP PROGRAM 5747-CH2 with the EP/VS Feature

Asm. Listing Microfiche	SJD2-4167-0	STD2-4167
-------------------------	-------------	-----------

Order 5747-CH2 Microfiche by form number.

Emulation Program for 3725 (5735-XXB)

7040 EP for 3725 Logic	8266	LY30-3055-1	LQ70-3055
7040 Ref. Sum. & Data Areas	8267	LY30-3070-1	LQ70-3070
7050 Microfiche	8268	LJD2-4173-0	LTD2-4173

* * * VSE/SP 2.1.5 OPTIONAL PROGRAMS (Continued) * * *

Licensed Documentation for VSE/SP 2.1.5 Optional Programs.
Order by Feature Number with the Licensed Program Number
of the individual products.

Single Copy		Additional Copies		
Feature		Feature	Form	Form
Number	TITLE	Number	Number	Pseudo
NCCF - 5735-XX6 - 1.2.0				
7441	Logic	8263	LY38-3010-3	LT00-1082
7451	Fiche	8228	LJB1-2054-0	LTB1-2054

NPDA - 5666-295 - 3.1.0				
7250	Microfiche	8069	LJA0-0319-00	LTA0-0319
7140	Program Logic	8068	LY25-0012-0	LT65-0012

DOS/VS COBOL Compiler and Library - 5746-CB1 - 1.3.0				
8420	Fiche**	8420	LYC7-5050-8	LQC7-5050
7441	Logic	8417	LY28-6423-2	LQ68-6423
7441	Logic	8418	LY28-6424-1	LT68-6424
**First copy not free				

DOS/VS RPG II - 5746-RG1 - 1.3.0				
7450	Microfiche Listings	8384	LJD3-3800-2	LTD3-3800
7440	Logic	8383	LY33-9062-2	LT00-0605

DOS/PLI OPTIMIZING COMPILER AND LIBRARIES 5736-PL3 - 1.6.0				
8425	Resident Fiche**	8425	LJB6-0054-0	LTB6-0054
8426	Transient Fiche**	8426	LJB6-0055-0	LTB6-0055
8427	Compiler Fiche**	8427	LJB6-0053-0	LTB6-0053
7441	Compiler Logic	8428	LY33-6010-2	LQ73-6010
7441	Resident Logic	8429	LY33-6011-2	LT73-6011
7441	Transient Logic	8430	LY33-6012-1	LT73-6012
**First copy not free				

* * * VSE/SP 2.1.5 OPTIONAL PROGRAMS (Continued) * * *

Licensed Documentation for VSE/SP 2.1.5 Optional Programs.
Order by Feature Number with the Licensed Program Number
of the individual products.

Single Copy		Additional Copies		
Feature		Feature	Form	Form
Number	TITLE	Number	Number	Pseudo
DOS/PLI Resident Library - 5736-LM4 - 1.6.0				
8433	Resident Fiche**	8433	LJB6-0054-0	LTB6-0054
7441	Resident Logic	8434	LY33-6011-2	LT73-6011
**First copy not free				

DOS/PLI Transient Library - 5736-LM5 - 1.6.0				
8435	Transient Fiche**	8435	LJB6-0055-0	LTB6-0055
7441	Transient Logic	8436	LY33-6012-1	LT73-6012
**First copy not free				

DOS/PLI Optimizing Compiler - 5736-PL1 - 1.6.0				
8431	Compiler Listings**	8431	LJB6-0053-0	LTB6-0053
7441	Compiler Logic	8432	LY33-6010-2	LQ73-6010
**First copy not free				

Sort/Merge II - 5746-SM2 - 2.5.0				
7401	Program Logic	8203	LY33-8044-2	LQ73-8044
7501	Fiche	8436	LYC7-0905-3	LQC7-0905

VSE/OCCF - 5746-XC5 - 1.2.0				
7460	Diagnosis Reference	8540	LY33-9097-2	LT00-1666
7461	Listings Fiche	8533	LYC7-0471-1	LQC7-0471

VSE/Access Control - Logging and Reporting 5746-XE7 - 1.2.0				
7450	Fiche	8201	LYC7-0485-0	LTC7-0485
7240	Diagnosos Ref.	8200	LY12-5032-1	LQ52-5032

* * * VSE/SP 2.1.5 OPTIONAL PROGRAMS (Continued) * * *

Licensed Documentation for VSE/SP 2.1.5 Optional Programs.
Order by Feature Number with the Licensed Program Number
of the individual products.

Single Copy		Additional Copies		
Feature		Feature	Form	Form
Number	TITLE	Number	Number	Pseudo
Info System - 5735-OZS - 1.1.2				
7501	Fiche	8269	LJA0-0339-1	LTA0-0339
7401	Logic and Diagnosis	8231	LY25-0013-0	LT65-0013

Data Dictionary - 5746-XXC - 1.4.0

7501	Program Listings	8448	LJB6-0040-1	LQB6-0040
7502	Fiche	8449	LJB6-0039-1	LQB6-0039
7401	Logic	8447	LY20-8081-0	LT60-8081

CICS/SCREEN DEFINITION FACILITY 5746-XXT - 1.1.2

7040	Logic Manual	8177	LY19-6060-3	LT59-6060
7050	Assembler Listing	8178	LJD3-6002-3	LTD3-6002

There is no licensed documentation available for the following products:

DMS/CICS/VS AND DMS/AGF - 5746-XC4 - 1.4.1
 SQL/Data System - 5748-XXJ - 1.3.0
 File Transfer Program - 5668-932 - 2.2.0
 ISPF - 5668-960 - 1.1.0
 ISPF/PDF - 5666-281 - 1.1.0
 DISOSS - 5666-270 - 3.2.0
 DECISION SUPPORT - 5666-311 - 1.1.0
 VTAM X.25 COMMUNICATION ADAPTER SUPPORT - 5666-280 - 1.1.0
 GDDM - 5748-XXH - 1.4.0
 CSP/AD - 5668-944 - 1.1.5
 CSP/AE - 5668-945 - 1.1.5
 CSP/AD - 5668-824 - 2.1.1
 CSP/AD - 5668-825 - 2.1.1
 CSP/Q - 5668-918 - 1.2.0
 INFO/DEV - GROWTH - 5666-323 - 1.1.0
 INFO/DEV - ENTRY - 5666-323 - 1.1.0
 PS/370 5666-318 1.1.0

End of Licensed Documentation for VSE/SP 2.1.5 Optional Programs

1.20 OPTIONAL MATERIAL

OPTIONAL MATERIAL FOR VSE/SP 2.1.5 BASE PRODUCTS

IBM will deliver service (i.e., PTFs) to program basic materials in as timely a fashion as possible, subject to the provisions of the IBM Agreement for Licensed Programs, and, as has been our practice for many years, IBM will provide service updates to the program's optional materials generally with the next release, if any, of the licensed program.

Use the following feature codes, with License Program Number 5666-316, to order Optional Machine Readable Material for VSE/SP base products.

		FEATURE	NUMBER
		9/1600	9/6250
	VSE/SP Unique code 2.1.1	7037	7038
	VSE Advanced Functions 2.1.1 Vol. 1	7001	7002
	(5666-301) Vol. 2	7003	7004
	Vol. 3	7005	7006
	VSE/OLTEP SCP 1.1.0 (5656-092)	7011	7012
	VSE ICCF 2.1.0 (5666-302)	7015	7016
	VSE POWER 2.2.0 (5666-273)	7017	7018
	VSE VSAM 1.3.0 (5746-AM2)	7019	7020
	VSE VSAM 1.3.0 Space Management (5746-AM2)	7021	7022
	VSE VSAM 1.2.0 Backup/Restore (5746-AM2)	7023	7024
	VSE CICS/DOS/VS 1.6.0 (5746-XX3)	7025	7026
	VSE Fast Copy 1.2.0 (5746-AM4)	7027	7028
	VSE BTAM-ES 1.1.0 (5746-RC5)	7031	7032
	VSE BTAM SCP 1.1.0 (5747-CG1)	7033	7034
**	VSE ACF/VTAM 2.1.0 (5666-280)	7035	7036

NO OPTIONAL MACHINE READABLE MATERIAL AVAILABLE FOR THE FOLLOWING:

VSE DITTO for VSE 1.1.0	(5668-917)
Device Support Facility SCP 1.8.0	(5747-DS2)
VSE/EREP SCP 3.2.0	(5656-260)

** An order for 7035 results in a shipment of 16 tapes.
An order for 7036 results in a shipment of 5 tapes.

OPTIONAL MACHINE READABLE MATERIAL FOR VSE/SP 2.1.5 OPTIONAL PROGRAMS

IBM will deliver service (i.e., PTFs) to this program's basic materials in as timely a fashion as possible, subject to the provisions of the IBM Agreement for Licensed Programs, and, as has been our practice for many years, IBM will provide service updates to the program's optional materials generally with the next release, if any, of the licensed program."

USE THE FOLLOWING FEATURE CODES
WITH THE LICENSED PROGRAM NUMBER FOR THE RESPECTIVE PRODUCT
TO ORDER OPTIONAL MACHINE READABLE MATERIAL
FOR THE VSE/SP 2.1.5 OPTIONAL PROGRAMS

PRODUCT	VRM	LICENSED PROGRAM NUMBER	FEATURE NUMBER 9/1600	FEATURE NUMBER 9/6250
DOS/VS RPG II	1.3.0	5746-RG1	7429	7431
PL/I Opt. Comp.	1.6.0	5736-PL1	7529	7531
PL/I Res. Lib.	1.6.0	5736-LM4	7529	7531
PL/I Trans. Lib.	1.6.0	5736-LM5	7529	7531
PL/I Comp/Lib	1.6.0	5736-PL3	7529	7531
DOS/VS COBOL Compiler & Lib.	1.3.0	5746-CB1	7529	7531
DB/DC Data Dict.	1.4.0	5746-XXC	7629	7631
NCCF	1.2.0	5735-XX6	7629	7631
VSE/ACLR	1.2.0	5746-XE7	7529	7531
VSE/OCCF	1.2.0	5746-XC5	7529	7531
NPDA	3.1.0	5666-295	7529	7531

VSE/SP 2.1.5 OPTIONAL PROGRAMS -
OPTIONAL MACHINE READABLE MATERIAL (continued)

PRODUCT	VRM	LICENSED PROGRAM NUMBER	FEATURE NUMBER 9/1600	FEATURE NUMBER 9/6250
ACF/SSP	2.1.1	5735-XXA	7229	7231
ACF/NCP (3705)	2.1.0	5735-XX9	7129	7131
EP/3725	1.1.0	5735-XXB	7229	7231
NCP/SSP SCP with EP Support		5747-CH2	7529	7531
CICS/SDF	1.4.0	5746-XXT	7529	7531

There is no optional machine readable material
available for the following products:

DL/I DOS/VS	1.7.0	5746-XX1
DMS/CICS/ VS-DOS	1.4.1	5746-XC4
DMS/CICS/ VS-AGF	1.4.1	5746-XC4
SORT/MERGE II	2.5.0	5746-SM2
SQL/DS	1.3.0	5748-XXJ
ACF/NCP (3725)	2.1.0	5735-XX9
INFO SYSTEM	1.1.2	5735-OZS
FILE TRANSFER	2.2.0	5668-932
ISPF	1.1.0	5668-960
ISPF/PDF	1.1.0	5668-281
DISOSS	3.2.0	5666-270
DECISION SUPPORT	1.1.0	5666-311
GDDM	1.4.0	5748-XXH
X.25 FEATURE	1.1.0	5666-280
CSP/AD	1.1.5	5668-944
CSP/AE	1.1.5	5668-945
CSP/AD	2.1.1	5668-824
CSP/AD	2.1.1	5668-825
CSP/Q	1.2.0	5668-918
INFO/DEV - GROWTH	1.1.0	5666-323
INFO/DEV - ENTRY	1.1.0	5666-323
PS/370	1.1.0	5666-318

1.21 PHASES, MODULES AND SOURCE INTEGRATED IN VSE/SP 2.1.5

The VSE/SP pre-generated system contains the products in object code format plus modules and macros required to assemble and link user programs. Job control modules are not shipped. The VSE/SP Generation feature contains product source and object code for tailoring of VSE/Advanced Functions and CICS/DOS/VS. For each component of VSE/Advanced Functions Version 2.1.3 the following pages describe the:

====> PHASES
====> RELOCATABLE MODULES
====> SOURCE MATERIAL:
 MACROS, BOOKS, PANELS, PROCEDURES

that are included in VSE/SP 2.1.5.

NOTE: Items marked with an asterisk (*) were added with VSE/SP 2.1.5.

VSE/Advanced Functions Vers. 2.1.3

The following Source Materials are included :

A.BOMTAC	E.CRTGEN	E.DTFPH	E.FEOV	E.IPTE
A.IJTT\$SEC	E.CRTIO	E.DTFPR	E.FEOVD	E.IPW\$DPA
E.APL	E.CRTSAV	E.DTFSD	E.FETCH	E.IPW\$DPD
E.ASPL	E.CVTOC	E.DTFSR	E.FREE	E.ISMOD
E.ASSIGN	E.DAMOD	E.DTL	E.FREEVIS	E.ISTAVT
E.ASYSCOM	E.DAMODV	E.DTSAPL	E.GENDTL	E.JDUMP
E.ATTACH	E.DCTENTRY	E.DTSECTAB	E.GENIORB	E.JOBCOM
E.AVRLIST	E.DEQ	E.DTSECTIN	E.GENL	E.LABEL
E.CALL	E.DEQB	E.DTSJPL	E.GET	E.LBRACCCB
E.CANCEL	E.DETACH	E.DTSMCIC	E.GETDADR	E.LBRACCD
E.CCB	E.DFR	E.DTSSVCIC	E.GETFLD	E.LBRACCES
E.CDLOAD	E.DFTTAB	E.DTSSVCIN	E.GETIME	E.LBRET
E.CDMOD	E.DIMOD	E.DTSVALID	E.GETJA	E.LFCB
E.CHAP	E.DISEN	E.DTSVECTB	E.GETPRTY	E.LITE
E.CHECK	E.DLINT	E.DUMODFI	E.GETVCE	E.LOAD
E.CHKPT	E.DLINTIN	E.DUMODFO	E.GETVIS	E.LOCK
E.CHNG	E.DRMOD	E.DUMP	E.HCFCONTL	E.LPL
E.CLOSE	E.DSPLY	E.ENDFL	E.HPROG	E.LPLDCT
E.CLOSEHCF	E.DTFCD	E.ENQ	E.ICM\$COM	E.MAPANCH
E.CLOSER	E.DTFCN	E.ENQB	E.IDUMP	E.MAPBDY
E.CNTRL	E.DTFDA	E.EOJ	E.IJBATX	E.MAPBDYVR
E.COMRG	E.DTFDI	E.ERET	E.IJB PUB	E.MAPCCB
E.COPYRGHT	E.DTFDR	E.ESETL	E.IJBXDMPC	E.MAPCHANQ
E.CPCLOSE	E.DTFDU	E.EXCP	E.INITDAT	E.MAPCHNTB
E.CRSECT	E.DTFIS	E.EXIT	E.INLMIGR	E.MAPCOMR
E.CRSPID	E.DTFMR	E.EXTENT	E.INSBOT	E.MAPDEVIN
E.CRTAEX	E.DTFMT	E.EXTRACT	E.IORB	E.MAPDEVTY
E.CRTAWT	E.DTFOR	E.FCEPGOUT	E.IPLBMAC	E.MAPDIBF

E.MAPDLF	E.RELEASE	E.WRITE	N.BLNFNREQ	N.BLNM5014
E.MAPDNTRY	E.RELPAG	E.WRITEHCF	N.BLNFS001	N.BLNM5015
E.MAPDPD	E.RELSE	E.XECBTAB	N.BLNHEADR	N.BLNM5016
E.MAPDTS	E.REMOVE	E.XPCC	N.BLNLBEXT	N.BLNM5017
E.MAPERPIB	E.RESCN	E.XPCCB	N.BLNLNKH	N.BLNM5018
E.MAPGVCTL	E.RETCAP	E.XPOST	N.BLNLOCB	N.BLNM5022
E.MAPHCF	E.RETURN	E.XWAIT	N.BLNLOCH	N.BLNM5030
E.MAPHCFRC	E.RUNMODE	M.BLN99	N.BLNLSTFL	N.BLNM7010
E.MAPLOWC	E.SAVE	N.BLNADCB	N.BLNMA001	N.BLNM7013
E.MAPPIB	E.SDAGBL	N.BLNARCB	N.BLNMKCB	N.BLNM7515
E.MAPPTASE	E.SDAGDT	N.BLNARML	N.BLNMSKPL	N.BLNM7516
E.MAPPUB	E.SECHECK	N.BLNARPD	N.BLNMS001	N.BLNM7518
E.MAPPUB2	E.SECTVAL	N.BLNARPL	N.BLNMVCL	N.BLNM7521
E.MAPRASL	E.SEOV	N.BLNARST	N.BLNM0920	N.BLNM7522
E.MAPRFTAB	E.SETDEV	N.BLNAR001	N.BLNM0921	N.BLNM7540
E.MAPSSID	E.SETFL	N.BLNASLDA	N.BLNM0923	N.BLNM8001
E.MAPSVAH	E.SETIME	N.BLNASMFA	N.BLNM0926	N.BLNM8002
E.MAPSVIPL	E.SETL	N.BLNASMS6	N.BLNM0927	N.BLNM8003
E.MAPXPCCB	E.SETPFA	N.BLNASPLL	N.BLNM0928	N.BLNM8004
E.MAPXPTAB	E.SETPRT	N.BLNASPLT	N.BLNM0929	N.BLNM8005
E.MODCTB	E.SETT	N.BLNASPLU	N.BLNM0930	N.BLNM8006
E.MODDTL	E.SGACF	N.BLNASRCB	N.BLNM0931	N.BLNM8008
E.MODESET	E.SGSRVLVL	N.BLNAS001	N.BLNM0932	N.BLNM9000
E.MODHCF	E.SKIPHCF	N.BLNAS002	N.BLNM0933	N.BLNM9001
E.MODVCE	E.SLADCT	N.BLNAS003	N.BLNM0934	N.BLNM9002
E.MRMOD	E.SLPL	N.BLNAS004	N.BLNM1007	N.BLNM9003
E.MTMOD	E.SMCB	N.BLNBACB	N.BLNM1013	N.BLNM9004
E.MVCOM	E.SMDATA	N.BLNBUFDS	N.BLNM2006	N.BLNM9005
E.NOTE	E.SNSDVIP	N.BLNCCB	N.BLNM2007	N.BLNM9006
E.OPEN	E.SPLIST	N.BLNCHG	N.BLNM2009	N.BLNM9007
E.OPENR	E.STXIT	N.BLNCCL	N.BLNM2013	N.BLNM9008
E.ORMOD	E.SUBSID	N.BLNDDCB	N.BLNM2017	N.BLNM9009
E.OVTOC	E.SVALLIST	N.BLNDDDEF	N.BLNM2019	N.BLNM9010
E.PAGEIN	E.SYNCH	N.BLNDDF	N.BLNM3002	N.BLNM9011
E.PDUMP	E.SYSCOM	N.BLNDDOPL	N.BLNM4001	N.BLNM9012
E.PFIX	E.SYSIO	N.BLNDDPL	N.BLNM4003	N.BLNM9013
E.PFREE	E.TECB	N.BLNDDP01	N.BLNM4004	N.BLNM9014
E.POINTHCF	E.TESTAUTH	N.BLNDD001	N.BLNM4005	N.BLNM9017
E.POINTR	E.TESTT	N.BLNDF001	N.BLNM4006	N.BLNM9018
E.POINTS	E.TPIN	N.BLNDH1BF	N.BLNM4007	N.BLNM9019
E.POINTW	E.TPOUT	N.BLNDIRQ	N.BLNM4010	N.BLNM9020
E.POST	E.TREADY	N.BLNDLGVS	N.BLNM5001	N.BLNM9021
E.PRMOD	E.TRUNC	N.BLNDMCB	N.BLNM5002	N.BLNM9022
E.PRTOV	E.TSTOP	N.BLNDMD01	N.BLNM5003	N.BLNM9023
E.PUT	E.TTIMER	N.BLNDMFR	N.BLNM5004	N.BLNM9030
E.PUTR	E.UNLOCK	N.BLNDM001	N.BLNM5005	N.BLNM9031
E.PVTOC	E.VALID	N.BLNDN001	N.BLNM5006	N.BLNM9032
E.PWROFF	E.VIRTAD	N.BLNDOPT	N.BLNM5007	N.BLNM9040
E.QSETPRT	E.VSIUCV	N.BLNDRQS	N.BLNM5008	N.BLNM9041
E.RCB	E.VSIUCVPL	N.BLNDSCB	N.BLNM5009	N.BLNPAPPL
E.RDLNE	E.VSIUCVU	N.BLNDSD01	N.BLNM5010	N.BLNPATCH
E.READ	E.WAIT	N.BLNDVSPL	N.BLNM5011	N.BLNPCONS
E.READHCF	E.WAITF	N.BLNDVS01	N.BLNM5012	N.BLNPEND
E.REALAD	E.WAITM	N.BLNDVVT	N.BLNM5013	N.BLNPLARG

N.BLNPROC	N.BLNTUC55	N.BLNTUI50	N.BLNTU210	N.BLNTU755
N.BLNPROP	N.BLNTUG00	N.BLNTUI60	N.BLNTU211	N.BLNTU760
N.BLNPRTSP	N.BLNTUG10	N.BLNTUM00	N.BLNTU220	N.BLNTU765
N.BLNRACB	N.BLNTUG11	N.BLNTUS00	N.BLNTU400	N.BLNTU770
N.BLNRNREQ	N.BLNTUG12	N.BLNTUS10	N.BLNTU410	N.BLNTU780
N.BLNSCONS	N.BLNTUG20	N.BLNTUS20	N.BLNTU420	N.BLNTU781
N.BLNSFCB	N.BLNTUG30	N.BLNTUS21	N.BLNTU430	N.BLNTU782
N.BLNSFDPL	N.BLNTUG31	N.BLNTUS30	N.BLNTU440	N.BLNTU785
N.BLNSFFSA	N.BLNTUG40	N.BLNTUS40	N.BLNTU450	N.BLNTU790
N.BLNSMLL	N.BLNTUG50	N.BLNTUT00	N.BLNTU460	N.BLNTU800
N.BLNSMLO	N.BLNTUG51	N.BLNTUT10	N.BLNTU500	N.BLNTU810
N.BLNSMML	N.BLNTUG52	N.BLNTUT11	N.BLNTU510	N.BLNTU815
N.BLNSMMO	N.BLNTUG53	N.BLNTUT20	N.BLNTU520	N.BLNTU820
N.BLNSMPH	N.BLNTUG54	N.BLNTUT30	N.BLNTU530	N.BLNTU825
N.BLNSMPL	N.BLNTUG55	N.BLNTUT31	N.BLNTU540	N.BLNTU826
N.BLNSMTH	N.BLNTUG56	N.BLNTUT32	N.BLNTU550	N.BLNTU827
N.BLNSMXH	N.BLNTUG57	N.BLNTUT33	N.BLNTU700	N.BLNTU830
N.BLNSMX0	N.BLNTUG58	N.BLNTUT34	N.BLNTU710	N.BLNTU831
N.BLNSYMB	N.BLNTUG60	N.BLNTUT35	N.BLNTU711	N.BLNTU832
N.BLNTUC00	N.BLNTUG61	N.BLNTUT36	N.BLNTU712	N.BLNTU835
N.BLNTUC10	N.BLNTUG62	N.BLNTUT37	N.BLNTU713	N.BLNTU840
N.BLNTUC15	N.BLNTUG63	N.BLNTUT40	N.BLNTU714	N.BLNTU850
N.BLNTUC20	N.BLNTUG64	N.BLNTU001	N.BLNTU715	N.BLNTU860
N.BLNTUC21	N.BLNTUG65	N.BLNTU100	N.BLNTU716	N.BLNTU861
N.BLNTUC25	N.BLNTUG70	N.BLNTU110	N.BLNTU720	N.BLNTU870
N.BLNTUC30	N.BLNTUG80	N.BLNTU120	N.BLNTU730	N.BLNTU880
N.BLNTUC35	N.BLNTUG90	N.BLNTU130	N.BLNTU731	N.BLNURGVA
N.BLNTUC40	N.BLNTUI00	N.BLNTU131	N.BLNTU735	N.BLNXCONS
N.BLNTUC41	N.BLNTUI10	N.BLNTU132	N.BLNTU736	N.BLNXPEND
N.BLNTUC42	N.BLNTUI20	N.BLNTU140	N.BLNTU740	N.BLNXPROC
N.BLNTUC45	N.BLNTUI30	N.BLNTU150	N.BLNTU745	N.BLNXRSNS
N.BLNTUC46	N.BLNTUI40	N.BLNTU200	N.BLNTU750	T.BLNCMSD
N.BLNTUC50				

The following Relocatable Modules are included :

\$\$BOMTAC	IJBTRH11	IJBTV0AA	IJCFAO10	IJCFAOZ7
IJBAR	IJBTRLC	IJBTV0AB	IJCFAO11	IJCFAOZ8
IJB AVR	IJBTRONA	IJBTVODA	IJCFAO12	IJCFAOZ9
IJB BE48	IJBTRPAN	IJBTVONA	IJCFAO14	IJCFC CZ0
IJB BE64	IJBTRPHN	IJBTVONB	IJCFAO15	IJCFC CZ1
IJB BE96	IJBTRPN	IJBTVPAN	IJCFAO17	IJCFC CZ2
IJB EOTSK	IJBTRP11	IJBTVPHN	IJCFAO18	IJCFCIWB
IJB FBA	IJBTRQN	IJBTVPN	IJCFAO19	IJCFCIWG
IJBNAHI	IJBTRQNC	IJBTVQN	IJCFAOZA	IJCFCIWL
IJBNA48	IJBTRRN	IJBTVQNC	IJCFAOZC	IJCFCI Z0
IJBNA64	IJBTRSN	IJBTVRN	IJCFAOZD	IJCFCI Z1
IJBNA96	IJBTRTN	IJBTVSN	IJCFAOZE	IJCFCI Z2
IJBTRALA	IJBTRT11	IJBTVTN	IJCFAOZ0	IJCFCI Z6
IJBTRAN	IJBTRYN	IJBTVYN	IJCFAOZ1	IJCFCI Z7
IJBTRA11	IJBTVALA	IJB116CF	IJCFAOZ2	IJCFCI Z8
IJBTRGN	IJBTVAN	IJB128KK	IJCFAOZ4	IJCFCI Z9
IJBTRG11	IJBTVGN	IJCFAOID	IJCFAOZ5	IJCFCO11

IJCFCOI4	IJCFZIWO	IJCUAOZ8	IJCVYOZC	IJDFVVZW
IJCFCOI5	IJCFZIWO	IJCUAOZ9	IJCVYOZE	IJDFVWZW
IJCFCOWA	IJCFZIZA	IJCUYOI1	IJCVYOZ1	IJDFVXZW
IJCFCOWC	IJCFZIZB	IJCUYOI4	IJCVYOZ4	IJDFY0IZ
IJCFCOWE	IJCFZIZE	IJCUYOI5	IJCVYOZ5	IJDFYOZW
IJCFCOWF	IJCFZIZO	IJCUYOI7	IJCVYOZ7	IJDFYOZZ
IJCFCOWH	IJCFZIZ1	IJCUYOI8	IJCVYOZ8	IJDFYPIZ
IJCFCOWJ	IJCFZIZ2	IJCUYOI9	IJCVYOZ9	IJDFYPZW
IJCFCOWK	IJCFZIZ3	IJCUYOZA	IJCVZOI1	IJDFYPZZ
IJCFCOWM	IJCFZIZ6	IJCUYOZC	IJCVZOI4	IJDFYRIZ
IJCFCOWO	IJCFZIZ7	IJCUYOZE	IJCVZOI5	IJDFYRZW
IJCFCOZ1	IJCFZIZ8	IJCUYOZ1	IJCVZOI7	IJDFYRZZ
IJCFCOZ4	IJCFZIZ9	IJCUYOZ4	IJCVZOI8	IJDFYSIZ
IJCFCOZ5	IJCFZOID	IJCUYOZ5	IJCVZOI9	IJDFYSZW
IJCFCOZ7	IJCFZOI1	IJCUYOZ7	IJCVZOZA	IJDFYSZZ
IJCFCOZ8	IJCFZOI2	IJCUYOZ8	IJCVZOZC	IJDFYTIZ
IJCFCOZ9	IJCFZOI4	IJCUYOZ9	IJCVZOZE	IJDFYTZW
IJCFYOID	IJCFZOI5	IJCUZOI1	IJCVZOZ1	IJDFYTZZ
IJCFYOI0	IJCFZOI7	IJCUZOI4	IJCVZOZ4	IJDFYZIZ
IJCFYOI1	IJCFZOI8	IJCUZOI5	IJCVZOZ5	IJDFYZZZ
IJCFYOI2	IJCFZOI9	IJCUZOI7	IJCVZOZ7	IJDFZOIZ
IJCFYOI4	IJCFZOWA	IJCUZOI8	IJCVZOZ8	IJDFZOZZ
IJCFYOI5	IJCFZOWC	IJCUZOI9	IJCVZOZ9	IJDFZPIZ
IJCFYOI7	IJCFZOWE	IJCUZOZA	IJDANCHX	IJDFZPZZ
IJCFYOI8	IJCFZOWF	IJCUZOZC	IJDFAOIZ	IJDFZRIZ
IJCFYOI9	IJCFZOWH	IJCUZOZE	IJDFAOZZ	IJDFZRZZ
IJCFYOZA	IJCFZOWJ	IJCUZOZ1	IJDFAPIZ	IJDFZSIZ
IJCFYOZC	IJCFZOWK	IJCUZOZ4	IJDFAPIZ	IJDFZSZZ
IJCFYOZD	IJCFZOWM	IJCUZOZ5	IJDFAPIZ	IJDFZTIZ
IJCFYOZE	IJCFZOWO	IJCUZOZ7	IJDFAPIZ	IJDFZTZZ
IJCFYOZO	IJCFZOZA	IJCUZOZ8	IJDFAPIZ	IJDFZZIZ
IJCFYOZ1	IJCFZOZC	IJCUZOZ9	IJDFAPIZ	IJDFZZZZ
IJCFYOZ2	IJCFZOZD	IJCVAOI1	IJDFAPIZ	IJDPR3
IJCFYOZ4	IJCFZOZE	IJCVAOI4	IJDFAPIZ	IJDUAOIZ
IJCFYOZ5	IJCFZOZ1	IJCVAOI5	IJDFAPIZ	IJDUAOZZ
IJCFYOZ7	IJCFZOZ2	IJCVAOI7	IJDFAPIZ	IJDUAPIZ
IJCFYOZ8	IJCFZOZ4	IJCVAOI8	IJDFAPIZ	IJDUAPZZ
IJCFYOZ9	IJCFZOZ5	IJCVAOI9	IJDFAPIZ	IJDUARIZ
IJCFZII0	IJCFZOZ7	IJCVAOZA	IJDFAPIZ	IJDUARZZ
IJCFZII1	IJCFZOZ8	IJCVAOZC	IJDFAPIZ	IJDUASIZ
IJCFZII2	IJCFZOZ9	IJCVAOZE	IJDFAPIZ	IJDUASZZ
IJCFZII3	IJCVAOI1	IJCVAOZ1	IJDFAPIZ	IJDUATIZ
IJCFZII6	IJCVAOI4	IJCVAOZ4	IJDFAPIZ	IJDUATZZ
IJCFZII7	IJCVAOI5	IJCVAOZ5	IJDFAPIZ	IJDUAZIZ
IJCFZII8	IJCVAOI7	IJCVAOZ7	IJDFAPIZ	IJDUAZZZ
IJCFZII9	IJCVAOI8	IJCVAOZ8	IJDFAPIZ	IJDUTOIZ
IJCFZIWA	IJCVAOI9	IJCVAOZ9	IJDFAPIZ	IJDUTOZZ
IJCFZIWB	IJCVAOZA	IJCVYOI1	IJDFAPIZ	IJDUTRIZ
IJCFZIWE	IJCVAOZC	IJCVYOI4	IJDFAPIZ	IJDUTRZZ
IJCFZIWF	IJCVAOZE	IJCVYOI5	IJDFAPIZ	IJDUTSIZ
IJCFZIWG	IJCVAOZ1	IJCVYOI7	IJDFAPIZ	IJDUTSZZ
IJCFZIWJ	IJCVAOZ4	IJCVYOI8	IJDFAPIZ	IJDUTTIZ
IJCFZIWK	IJCVAOZ5	IJCVYOI9	IJDFAPIZ	IJDUTTZZ
IJCFZIWL	IJCVAOZ7	IJCVYOZA	IJDFAPIZ	IJDUUUIZ

IJDUUUZZ	IJDVTTZZ	IJFSZZWN	IJHAARZG	IJHZRRCT
IJDUVUIZ	IJDVUUIZ	IJFSZZWZ	IJHAARZP	IJHZRRZT
IJDUVUZZ	IJDVUUZZ	IJFUBCZN	IJHAARZT	IJHZRRZZ
IJDUYOIZ	IJDVVUIZ	IJFUBCZZ	IJHAARZZ	IJHZRSZT
IJDUYOZZ	IJDVVUZZ	IJFUBZZN	IJHAASZZ	IJHZRSZZ
IJDUYPIZ	IJDVYOIZ	IJFUBZZZ	IJHAIZCZ	IJHZXGZS
IJDUYPZZ	IJDVYOZZ	IJFUZCZN	IJHAIZZZ	IJJCPA1N
IJDUYRIZ	IJDVYPIZ	IJFUZZWZ	IJHAVBBF	IJJCPDV
IJDUYRZZ	IJDVYPZZ	IJFUZZZN	IJHAVBBS	IJJCPDV1
IJDUYSIZ	IJDVYRIZ	IJFUZZZZ	IJHAVBCF	IJJCPDV2
IJDUYSZZ	IJDVYRZZ	IJFVBCWZ	IJHAVBCS	IJJCPD0
IJDUYTIZ	IJDVYSIZ	IJFVBCZZ	IJHAVGBF	IJJCPD0N
IJDUYTZZ	IJDVYSZZ	IJFVZCWN	IJHAVGBS	IJJCPD1
IJDUYZIZ	IJDVYTIZ	IJFVZCZ	IJHAVGCF	IJJCPD1N
IJDUYZZZ	IJDVYTZZ	IJFVZCZN	IJHAVGCS	IJJCPD2
IJDUZOIZ	IJDVYZIZ	IJFVZZWZ	IJHBABCP	IJJCPD3
IJDUZOZZ	IJDVYZZZ	IJFVZZZN	IJHBABZ	IJJCPV
IJDUZPIZ	IJDVZOIZ	IJFVZZZZ	IJHBABZP	IJJCPV1
IJDUZPZZ	IJDVZOZZ	IJFWEZZN	IJHBABZZ	IJJCPV2
IJDUZRIZ	IJDVZPIZ	IJFWEZZZ	IJHBARCP	IJJCP0
IJDUZRZZ	IJDVZPZZ	IJFWZNZZ	IJHBARZ	IJJCP0N
IJDUZSIZ	IJDVZRIZ	IJFWZZZZ	IJHBARZP	IJJCP1
IJDUZSZZ	IJDVZRZZ	IJFXBZZN	IJHBARZZ	IJJCP1N
IJDUZTIZ	IJDVZSIZ	IJFXZZZN	IJHBASZZ	IJJCP2
IJDUZTZZ	IJDVZSZZ	IJFXZZZZ	IJHBIZCZ	IJJCP3
IJDUZZIZ	IJDVZTIZ	IJGXCP	IJHBIZZZ	IJJCVA1N
IJDUZZZZ	IJDVZTZZ	IJGXCPSF	IJHUABCP	IJJCVDV
IJDVAOIZ	IJDVZZIZ	IJGXDI	IJHUABZ	IJJCVD0
IJDVAOZZ	IJDVZZZZ	IJGXDISF	IJHUABZP	IJJFCBID
IJDVAPIZ	IJFFBCZN	IJGXSDF	IJHUABZZ	IJJFCBZD
IJDVAPZZ	IJFFBCZZ	IJGXSDSF	IJHUARCP	IJJFCIID
IJDVARIZ	IJFFBZZN	IJGXSDU	IJHUARCZ	IJJFCIZD
IJDVARZZ	IJFFBZZZ	IJGXSDV	IJHUARZP	IJJFVBIC
IJDVASIZ	IJFFZCZN	IJGXSDW	IJHUARZZ	IJJFVIIC
IJDVASZZ	IJFFZCZZ	IJGXSFI	IJHUASZZ	IJJTCTL
IJDVATIZ	IJFFZZWN	IJGXSR	IJHUIZCZ	IJJTSEC
IJDVATZZ	IJFFZZWZ	IJGXSRV	IJHUIZZZ	IJJXCOV0
IJDVAZIZ	IJFFZZZN	IJGXSSR	IJHZLGZT	IJJXCVH0
IJDVAZZW	IJFFZZZZ	IJGXSVI	IJHZLGZZ	IJJXRDS0
IJDVAZZZ	IJFNBZZN	IJHAABCP	IJHZLZZT	IJJXWDS0
IJDVTOIZ	IJFNZZZN	IJHAABCZ	IJHZLZZZ	IJNDICZZ
IJDVTOZZ	IJFRZZWN	IJHAABZP	IJHZRBCZ	IJNDIEZZ
IJDVTRIZ	IJFRZZWZ	IJHAABZZ	IJHZRBZZ	IJNDIZZZ
IJDVTRZZ	IJFRZZZN	IJHAARCG	IJHZRGZT	IJNDOCZZ
IJDVTSIZ	IJFRZZZZ	IJHAARCP	IJHZRGZZ	IJNDOZZZ
IJDVTSZZ	IJFSZCWN	IJHAARCT	IJHZRRCT	JCLSCAN
IJDVTTIZ	IJFSZCWZ	IJHAARCZ		

The following Phases are included :

\$\$\$COH07	\$\$A\$IPLO	\$\$A\$PLBK	\$\$A\$SUP3	\$\$ABERAB
\$\$A\$IPLE	\$\$A\$IPL1	\$\$A\$SUPE	\$\$A\$SVA	\$\$ABERAC
\$\$A\$IPLR	\$\$A\$PLBF	\$\$A\$SUPV	\$\$ABERAA	\$\$ABERAD

\$\$ABERAE	\$\$BATTNB	\$\$BFCB	\$\$BOCRT3	\$\$BONVOL
\$\$ABERAF	\$\$BATTNC	\$\$BFCB00	\$\$BOCRT4	\$\$BOOR01
\$\$ABERAG	\$\$BATTND	\$\$BFCB10	\$\$BOCRT5	\$\$BOPEN
\$\$ABERAH	\$\$BATTNE	\$\$BFCB22	\$\$BOCRT6	\$\$BOPENC
\$\$ABERAI	\$\$BATTNF	\$\$BFCB23	\$\$BODACL	\$\$BOPENR
\$\$ABERAJ	\$\$BATTNG	\$\$BFCB3	\$\$BODIO1	\$\$BOPENS
\$\$ABERAK	\$\$BATTNH	\$\$BFCB5	\$\$BODIO2	\$\$BOPEN1
\$\$ABERAL	\$\$BATTNK	\$\$BICBWM	\$\$BODIO3	\$\$BOPEN2
\$\$ABERAN	\$\$BATTNL	\$\$BIKUL1	\$\$BODIO4	\$\$BOPEN4
\$\$ABERA1	\$\$BATTNO	\$\$BINDEX	\$\$BODIO5	\$\$BOPIGN
\$\$ABERA2	\$\$BATTNP	\$\$BJCOPT	\$\$BODIO6	\$\$BOPLBL
\$\$ABERA3	\$\$BATTNQ	\$\$BJCOP1	\$\$BODIO7	\$\$BOPNR2
\$\$ABERA4	\$\$BATTNR	\$\$BMMR20	\$\$BODIO8	\$\$BOPNR3
\$\$ABERA5	\$\$BATTNS	\$\$BMSGW1	\$\$BODMSG	\$\$BOPR3
\$\$ABERA6	\$\$BATTNT	\$\$BOCPMF	\$\$BODMS2	\$\$BOPSVa
\$\$ABERA7	\$\$BATTNU	\$\$BOCPM1	\$\$BODQUE	\$\$BORTV1
\$\$ABERA8	\$\$BATTNY	\$\$BOCPM2	\$\$BODSMO	\$\$BORTV2
\$\$ABERA9	\$\$BATTNZ	\$\$BOCPRP	\$\$BODSMW	\$\$BORTV3
\$\$ABERBA	\$\$BATTN2	\$\$BOCPT1	\$\$BODSPO	\$\$BOSDC1
\$\$ABERBC	\$\$BATTN3	\$\$BOCPT2	\$\$BODSPV	\$\$BOSDC2
\$\$ABERBD	\$\$BATTN7	\$\$BOCPT3	\$\$BODSPW	\$\$BOSDEV
\$\$ABERBE	\$\$BATTN8	\$\$BOCPT4	\$\$BODUCP	\$\$BOSFBL
\$\$ABEREE	\$\$BATTN9	\$\$BOCP01	\$\$BOESTV	\$\$BOSVLT
\$\$ABERFB	\$\$BATTs1	\$\$BOCP02	\$\$BOFLPT	\$\$BOTLTA
\$\$ABERJ1	\$\$BATTs2	\$\$BOCP03	\$\$BOISRP	\$\$BOTSVA
\$\$ABERRA	\$\$BATTU1	\$\$BOCP11	\$\$BOIS01	\$\$BOTUSR
\$\$ABERRB	\$\$BATTU2	\$\$BOCP12	\$\$BOIS02	\$\$BOULI1
\$\$ABERRC	\$\$BATT10	\$\$BOCRTA	\$\$BOIS03	\$\$BOULO1
\$\$ABERRD	\$\$BCCPT1	\$\$BOCRTB	\$\$BOIS04	\$\$BOUR01
\$\$ABERRE	\$\$BCCPT5	\$\$BOCRTC	\$\$BOIS05	\$\$BOVDMO
\$\$ABERRF	\$\$BCEOV1	\$\$BOCRTD	\$\$BOIS06	\$\$BOVDMP
\$\$ABERRG	\$\$BCHKPD	\$\$BOCRTE	\$\$BOIS07	\$\$BOWDMO
\$\$ABERRJ	\$\$BCHKPE	\$\$BOCRTF	\$\$BOIS08	\$\$BOWDMP
\$\$ABERRK	\$\$BCHKPF	\$\$BOCRTG	\$\$BOIS09	\$\$BPCLOS
\$\$ABERRL	\$\$BCHKPG	\$\$BOCRTH	\$\$BOIS10	\$\$BPDZAP
\$\$ABERRM	\$\$BCHKPT	\$\$BOCRTI	\$\$BOIS11	\$\$BRELSA
\$\$ABERRN	\$\$BCHKP2	\$\$BOCRTJ	\$\$BOIS66	\$\$BRMSG1
\$\$ABERRO	\$\$BCHKP3	\$\$BOCRTK	\$\$BOKUL1	\$\$BRMSG2
\$\$ABERRP	\$\$BCHK3G	\$\$BOCRTL	\$\$BOMLTA	\$\$BRSTRT
\$\$ABERRQ	\$\$BCISOA	\$\$BOCRTM	\$\$BOMRCE	\$\$BRSTR2
\$\$ABERRR	\$\$BCLLBL	\$\$BOCRTN	\$\$BOMR01	\$\$BSETFF
\$\$ABERRS	\$\$BCLOSE	\$\$BOCRTO	\$\$BOMSGZ	\$\$BSETFG
\$\$ABERRT	\$\$BCLOSP	\$\$BOCRTP	\$\$BOMSG1	\$\$BSETFH
\$\$ABERRW	\$\$BCLOSU	\$\$BOCRTQ	\$\$BOMSG2	\$\$BSETFI
\$\$ABERRX	\$\$BCLOS2	\$\$BOCRTR	\$\$BOMSG3	\$\$BSETFL
\$\$ABERRY	\$\$BCLOS3	\$\$BOCRTS	\$\$BOMSG4	\$\$BSETL
\$\$ABERR7	\$\$BCLOS4	\$\$BOCRTT	\$\$BOMSG5	\$\$BSETL1
\$\$BATTf0	\$\$BCLOS5	\$\$BOCRTV	\$\$BOMSG6	\$\$BSETL2
\$\$BATTf1	\$\$BCLRPS	\$\$BOCRTW	\$\$BOMSG7	\$\$BSGMNT
\$\$BATTf2	\$\$BCMR01	\$\$BOCRTX	\$\$BOMSG8	\$\$BSYSWR
\$\$BATTf3	\$\$BENDFF	\$\$BOCRTY	\$\$BOMSG9	\$\$BTERM
\$\$BATTf4	\$\$BENDFL	\$\$BOCRTZ	\$\$BOMSVa	\$\$BUCB
\$\$BATTf5	\$\$BENDQB	\$\$BOCRT1	\$\$BOMSV2	\$\$BUCB00
\$\$BATTNA	\$\$BERRTN	\$\$BOCRT2	\$\$BOMTAC	\$\$BUCB10

\$\$BUCB22	\$IJGXDAV	\$SVAICCF	DTSECAPP	IJSDWRP
\$\$BUCB3	\$IJGXDI	\$SVALOG	DTSECJCL	IJSDWRT
\$\$BUCB4	\$IJGXDIS	\$SVASEC	DTSECSVC	IJSDZBR
\$\$BUCB5	\$IJGXSDI	\$SVASORT	DTSLOGON	IJSDZBU
\$\$BUFLDR	\$IJGXSDS	\$SVAVSAM	ESERV	IJSDZCA
\$\$BUFLD1	\$IJGXSDU	\$SVA0000	ESERVB	IJSDZEX
\$\$BUFLD2	\$IJGXSDV	\$SVA3800	ESERVD	IJSDZGA
\$\$B3540I	\$IJGXSDW	\$SYSOPEN	ESERVE	IJSDZIN
\$\$B35400	\$IJGXSMI	\$VMCFOPN	ESERVF	IJSDZIO
\$\$B35400	\$IJGXSPH	ASSECA	ESERVG	IJSDZMC
\$\$B35402	\$IJGXSMI	ASSEDA	ESERVI	IJSDZPA
\$\$RAST00	\$IJGXSMI	ASSEEA	ESTVUT	IJSDZPC
\$\$RAST01	\$IJGXSSR	ASSEFA	IDUSVEP	IJSDZPL
\$\$RAST02	\$IJGXSMI	ASSEGA	IJBREPB	IJSDZSA
\$\$RAST03	\$IJJGMSG	ASSEHA	IJBXmap	IJSDZSI
\$\$RAST04	\$IJJGTOP	ASSEIA	IJBXADRV	IJSDZSV
\$\$RAST06	\$IJJHCVH	ASSEJA	IJBXDBG	IJSDZVT
\$\$RAST07	\$IJJTSEC	ASSEKA	IJDANCHX	IJWIPL
\$\$RAST08	\$IJJTTOP	ASSELA	IJDPR3	IJWSUP
\$\$RAST09	\$INITCON	ASSEMA	IJHAVBBF	INFOANA
\$\$RAST10	\$INITSYS	ASSEMBLY	IJHAVBBS	INFOANAI
\$\$RAST11	\$INTVIRT	ASSEOA	IJHAVBCF	INLPCMPR
\$\$RAST12	\$IPLRTA	ASSEQA	IJHAVBCS	INLPSDL
\$\$RAST13	\$IPLRTB	ASSERA	IJHAVGBF	INTTP
\$\$RAST16	\$IPLRTC	ASSERB	IJHAVGBS	JCLSCAN
\$\$RAST25	\$IPLRT2	ASSERC	IJHAGCF	LIBR
\$\$VOPENT	\$IPLRT3	ASSESA	IJHAGCS	LIBRBACK
\$AVRINIT	\$IPLRT4	ASSETA	IJHZXGZS	LIBRCOPY
\$IJBAR	\$IPLRT5	BACKUP	IJJCVA1N	LIBRLIST
\$IJBASGN	\$IPLRT6	BLNMODEL	IJJCVDV	LIBRREST
\$IJBCEJC	\$IPLRT7	BLXCCKDO	IJJCVD0	LIBRRES1
\$IJBFBFA	\$IPLRT8	BLXCDA50	IJJFVBIC	LIBRROLD
\$IJBJCCN	\$IPLRT9	BLXCDA1N	IJJFV1IC	LIBRSEOT
\$IJBBLBR	\$JOBACCT	BLXCMT00	IJJTSEOT	LIBRSERV
\$IJBLES1	\$JOBCTLA	BLXCURPR	IJPARSER	LIBRTEST
\$IJBMAP	\$JOBCTLB	BLXSINIT	IJSDCT2	LIBSARE
\$IJBPROC	\$JOBCTLC	BLXSSERV	IJSDCT3	LIBSAR1
\$IJB5ASC	\$JOBCTLD	BLXSTERM	IJSDCVT	LIBSAR2
\$IJBSDMP	\$JOBCTLE	CLEANER	IJSDDAT	LIBSAR3
\$IJBSEOT	\$JOBCTLF	CLRDK	IJSDDEB	LIBSAR4
\$IJB5HCF	\$JOBCTLG	CLRDK2	IJSDDET	LISTLOG
\$IJB5INP	\$JOBCTLH	CLRDK3	IJSDIDT	LSERV
\$IJB5LA	\$JOBCTLI	COPYSERV	IJSDINT	LVT0C
\$IJB5SAT	\$JOBCTLJ	CORGZ	IJSDIOS	MAINT
\$IJB5SM	\$JOBCTLK	CRDR	IJSDMSG	MSHP
\$IJB5STRT	\$JOBCTLM	CSERV	IJSDOUT	MSHPBACK
\$IJB5VIO	\$JOBCTLN	DOSCPCOM	IJSDPIF	MSHPCOMM
\$IJB5XPC	\$JOBEXIT	DOSVSDMP	IJSDPWB	MSHPCORR
\$IJDPR1	\$LNKEDT	DOSVSDX1	IJSDRDY	MSHPDUMP
\$IJGXCP	\$SENSDEV	DOSVSDX2	IJSDROT	MSHPINST
\$IJGXCP5	\$SVABAM	DOSVSDX7	IJSDSTP	MSHPLKUP
\$IJGXDAF	\$SVACICS	DOSVSDX8	IJSDTCB	MSHPRETR
\$IJGXDA5	\$SVACSC	DOSVSDX9	IJSDTRA	MSHPTAIL
\$IJGXDAU	\$SVADLI	DSERV	IJSDWRB	OBJMAINT

PDZAP	SAFCOPFS	SDAID	\$\$ABERAY	\$\$BFCBWM
PRINTLOG	SAFCOPY	\$\$ABERAA	\$\$ABERAZ	\$\$BMSGWR
PSEVR	SAFCOPYF	\$\$ABERAU	\$\$ABERBF	\$\$BMSWR2
PTFBKUP	SAFORMEM	\$\$ABERAV	\$\$ABERTX	\$\$BOMT06
RESTORE	SSERV	\$\$ABERAW	\$\$BCMT06	IJSDWRQ
RSERV	SYSBUFLD	\$\$ABERAX	\$\$BCMT07	\$\$RAST19
SAFCOPCS				

GENERATION FEATURE :

The following Source Materials are included :

E.ASYCODE	E.INLCSACB	E.MAPSTE	E.SGCCWF	E.SGPMR
E.ASYTAB	E.INLCSLTE	E.MAPTCB	E.SGCCWT	E.SGPOPT
E.AUDREC	E.INLCSLDE	E.MAPTIB	E.SGCFCH	E.SGPREAL
E.DEVREL	E.INLCSLXE	E.MAPVIO	E.SGCHQ	E.SGPSVC
E.DEVUSE	E.INLMLAMB	E.MAPVIOB	E.SGDFCH	E.SGRM
E.DISP	E.INLMLDIS	E.MCRAS	E.SGDSECTF	E.SGSCHED
E.DSPLOG	E.INLMLRPL	E.MODFLD	E.SGDSK	E.SGSR
E.DSPLPAR	E.INLMRESN	E.MSAT	E.SGEFCH	E.SGSERI
E.EXNTBLK	E.INLMSCON	E.NPGR	E.SGEND	E.SGSETUP
E.FOPT	E.INLMSLD	E.NPGRLST	E.SGERP	E.SGSLDUP
E.HCFIOMOD	E.IOINTER	E.ORE	E.SGETVIS	E.SGSTAR
E.IJBXSCT6	E.IOTAB	E.PMCOM	E.SGHFCH	E.SGSVC
E.INLCDDTE	E.IPARML	E.RLOCK	E.SGINF	E.SGSVCX
E.INLCDENT	E.IUCV	E.SCBATAB	E.SGIOS	E.SGTINF
E.INLCDTE	E.LOG	E.SCYVECTB	E.SGIUCV	E.SGXECB
E.INLCLACB	E.MAPCBF	E.SENTER	E.SGLOCK	E.SIDSTR
E.INLCLAMB	E.MAPDEVCB	E.SETAPP	E.SGLOWC	E.SLEAVE
E.INLCLBCF	E.MAPJACM	E.SFREEVIS	E.SGMIH	E.SMCOM
E.INLCLDES	E.MAPJATB	E.SGACCT	E.SGNPGR	E.SMICR
E.INLCLDTE	E.MAPPCB	E.SGAFCH	E.SGNUM	E.SRCHFLD
E.INLCLOT	E.MAPPFTE	E.SGAM	E.SGPCK	E.SUPAVT
E.INLCCLPT	E.MAPPTE	E.SGAMSUBR	E.SGPDATA	E.SUPVR
E.INLCCLRPL	E.MAPPUBX	E.SGAP	E.SGPDSECT	E.VIO
E.INLCMBRX	E.MAPSAVAR	E.SGATAB	E.SGPFIX	E.VIOCM
E.INLCRESN	E.MAPSCB	E.SGBFCH	E.SGPLLEV	

VSE/POWER Vers. 2.2.3

The following Source Materials are included :

E.CTLSPPOOL	E.IPW\$DNR	E.PCPTAB	E.PRMT	E.SEGMENT
E.DPLAY	E.IPW\$DPA	E.PLINE	E.PUTACCT	E.SPL
E.GETSPOOL	E.IPW\$DPD	E.PNODE	E.PUTSPOOL	Z.HD273A45
E.IPW\$DDE	E.PACCNT	E.POWER	E.PWRSPL	

The following Phases are included :

IPW\$\$AQ	IPW\$\$CPF	IPW\$\$I5	IPW\$\$NQ	IPW\$\$SL
IPW\$\$AS	IPW\$\$CPS	IPW\$\$I7	IPW\$\$NR	IPW\$\$SM
IPW\$\$AT	IPW\$\$CR	IPW\$\$LD	IPW\$\$NS	IPW\$\$SN
IPW\$\$BA	IPW\$\$CRE	IPW\$\$LD1	IPW\$\$NT	IPW\$\$SQ
IPW\$\$BM	IPW\$\$CS	IPW\$\$LD2	IPW\$\$NU	IPW\$\$SR
IPW\$\$BR	IPW\$\$CT	IPW\$\$LD3	IPW\$\$OB	IPW\$\$SY
IPW\$\$BS	IPW\$\$CU	IPW\$\$LD4	IPW\$\$OC	IPW\$\$S1
IPW\$\$BW	IPW\$\$CX	IPW\$\$LD5	IPW\$\$OE	IPW\$\$S2
IPW\$\$CA	IPW\$\$DD	IPW\$\$LF	IPW\$\$OF	IPW\$\$S3
IPW\$\$CAC	IPW\$\$DQ	IPW\$\$LH	IPW\$\$OT	IPW\$\$TI
IPW\$\$CB	IPW\$\$DS	IPW\$\$LM	IPW\$\$PA	IPW\$\$TR
IPW\$\$CC	IPW\$\$DT	IPW\$\$LN	IPW\$\$PC	IPW\$\$T1
IPW\$\$CD	IPW\$\$ER	IPW\$\$LO	IPW\$\$PD	IPW\$\$VE
IPW\$\$CE	IPW\$\$FQ	IPW\$\$LR	IPW\$\$PF	IPW\$\$XJ
IPW\$\$CF	IPW\$\$GA	IPW\$\$LU	IPW\$\$PL	IPW\$\$XM
IPW\$\$CG	IPW\$\$GD	IPW\$\$LW	IPW\$\$PP	IPW\$\$XR
IPW\$\$CH	IPW\$\$GF	IPW\$\$MM	IPW\$\$PR	IPW\$\$XT
IPW\$\$CI	IPW\$\$IB	IPW\$\$MP	IPW\$\$PS	IPW\$\$XC
IPW\$\$CJ	IPW\$\$IC	IPW\$\$MS	IPW\$\$RQ	IPW\$\$XTG
IPW\$\$CL	IPW\$\$IN	IPW\$\$MX	IPW\$\$RY	IPW\$\$XTP
IPW\$\$CLD	IPW\$\$IP	IPW\$\$NC	IPW\$\$SA	IPW\$\$XTS
IPW\$\$CM	IPW\$\$I1	IPW\$\$NK	IPW\$\$SC	IPW\$\$XW
IPW\$\$CN	IPW\$\$I2	IPW\$\$NM	IPW\$\$SE	IPWPOWER
IPW\$\$CO	IPW\$\$I3	IPW\$\$NP	IPW\$\$SF	POWER
IPW\$\$CP	IPW\$\$I4			

CICS/DOS/VS Vers. 1.6.0

The following Source Materials are included :

A.DFHAID	A.DFHFCTSD	A.DFHMSRCA	A.DFHTCTFX	A.DFHXACOM
A.DFHB CADS	A.DFHFCTSH	A.DFH PAMDS	A.DFHTCTLE	A.DFHXAI B
A.DFHBMSCA	A.DFHFCTSR	A.DFHPCTDS	A.DFHTCTTE	A.DFHXAI BL
A.DFH CDBLK	A.DFHFCTSS	A.DFHPCT1\$	A.DFHTCTV\$	A.DFHXAI BR
A.DFHCSADS	A.DFHFCT1\$	A.DFHPPTDS	A.DFHTCT1\$	A.DFHXAI 1
A.DFHDCADS	A.DFHFIOA	A.DFHPPT1\$	A.DFHTDIA	A.DFHXAI 1A
A.DFHDCTDS	A.DFHF MIDS	A.DFHRSADS	A.DFHTDLI	A.DFHXAI 2
A.DFHDCT1\$	A.DFHF WADS	A.DFHSAADS	A.DFHTDOA	A.DFHXAI 2A
A.DFHDCT2\$	A.DFHJCADS	A.DFHSDR\$	A.DFHTDWT\$	A.DFHXAI 4
A.DFHDLIAL	A.DFHJCICA	A.DFHSIPDS	A.DFHTIOA	A.DFHXAI 4A
A.DFHDWCMN	A.DFHJCRDS	A.DFHSIT1\$	A.DFHTPE	A.DFHXAI 4B
A.DFHDWEDS	A.DFHJCTDS	A.DFHSIT2\$	A.DFHTSIOA	A.DFHXAMA
A.DFHEIBLK	A.DFHJCTTE	A.DFHSRT1\$	A.DFHTSMDS	A.DFHXAMB
A.DFHEIMDS	A.DFHJCT1\$	A.DFHSTLM	A.DFHTUL	A.DFHXAMC
A.DFHFBWA	A.DFHLFA	A.DFHTACLE	A.DFHURLDS	A.DFHXAMD
A.DFHFCISA	A.DFHLLADS	A.DFHTCADS	A.DFHVSWA	A.DFHXAMK
A.DFHFCTDS	A.DFHMCT1\$	A.DFHTCTB\$	A.DFHXAALL	A.DFHXAML
A.DFHFCTIA	A.DFHMCT2\$	A.DFHTCTFN	A.DFHXABRW	A.DFHXAMNU

A.DFHXPAM	A.DFHZEPD	E.D\$HCOVER	E.DFHDI	E.DFHMSG
A.DFHXPAP	A.FILEA	E.D\$HDC	E.DFHDI BDS	E.DFHNLT
A.DFHXAREN	A.LOGA	E.D\$HFC	E.DFHDLP	E.DFHOC
A.DFHXAREP	A.L860	E.D\$HIC	E.DFHDTFCN	E.DFHPC
A.DFHXCMA	A.TDLIMS	E.D\$HJC	E.DFHECB	E.DFHPCT
A.DFHXCMB	A.XDFHAMA	E.D\$HKC	E.DFHEICAL	E.DFHPCTEN
A.DFHXC MC	A.XDFHAMB	E.D\$HPC	E.DFHEIDDS	E.DFHPCTGP
A.DFHXCMD	A.XDFHAMC	E.D\$HSC	E.DFHEIEND	E.DFHPCTPF
A.DFHXC MK	A.XDFHAMD	E.D\$HSP	E.DFHEIENT	E.DFHPDI
A.DFHXCML	A.XDFHAMK	E.D\$HTC	E.DFHEIMDS	E.DFHHP
A.DFHXDCT	A.XDFHAML	E.D\$HTD	E.DFHEIMSG	E.DFHPLT
A.DFHXDCTI	C.DFHAID	E.D\$HTR	E.DFHEIRET	E.DFHPPT
A.DFHXDCTS	C.DFHBIFBA	E.D\$HTS	E.DFHEISTG	E.DFHPPTEN
A.DFHXDCT1	C.DFHBIFWR	E.D\$HANRWC	E.DFHEJECT	E.DFHPPTGP
A.DFHXFCT	C.DFHBLLDS	E.D\$HBFTCA	E.DFHEMP	E.DFHPRINT
A.DFHXFCTS	C.DFHBMSCA	E.D\$HBIF	E.DFHEMPID	E.DFHPRMCK
A.DFHXXJCT	C.DFHCSADS	E.D\$HBMS	E.DFHEND	E.DFHPSD
A.DFHXXJCTS	C.DFHEIBLK	E.D\$HCOVER	E.DFHFC	E.DFHRE
A.DFHXMCTS	C.DFHEIVAR	E.D\$HDC	E.DFHFCT	E.DFHREGS
A.DFHXMOLS	C.DFHFIOA	E.D\$HFC	E.DFHFD	E.DFHREQ
A.DFHXPCT	C.DFHFWDAS	E.D\$HIC	E.DFHIC	E.DFHRMCAL
A.DFHXPCTA	C.DFHJCADS	E.D\$HJC	E.DFHISCRQ	E.DFHSC
A.DFHXPCTC	C.DFHMSRCA	E.D\$HKC	E.DFHISM D	E.DFHSICOM
A.DFHXPCTI	C.DFHS AADS	E.D\$HPC	E.DFHISMOD	E.DFHSIPD
A.DFHXPCTP	C.DFHTCADS	E.D\$HSC	E.DFHISM30	E.DFHSIT
A.DFHXPCTR	C.DFHTCTTE	E.D\$HSP	E.DFHJC	E.DFHSKR
A.DFHXPMA	C.DFHTDIA	E.D\$HTC	E.DFHJCA	E.DFHSNEP
A.DFHXPMB	C.DFHTDOA	E.D\$HTD	E.DFHJCN	E.DFHSNEPH
A.DFHXP MC	C.DFHTIOA	E.D\$HTR	E.DFHJCR	E.DFHSNET
A.DFHXPMD	C.DFHTSIOA	E.D\$HTS	E.DFHJCSMF	E.DFHSNT
A.DFHXP MK	C.DFHURLDS	E.DFH\$PAII	E.DFHJCT	E.DFHSORT
A.DFHXP ML	C.DFHVSWA	E.DFHABEND	E.DFHKC	E.DFHSP
A.DFHXPPT	C.DFHXB RWS	E.DFHA FCD	E.DFHKCTWA	E.DFHSRT
A.DFHXPPTA	C.DFHXCALL	E.DFHAICB	E.DFHKP	E.DFHSSAD
A.DFHXPPTC	C.DFHXC COM	E.DFHAL	E.DFHLFM	E.DFHSTR
A.DFHXPPTI	C.DFHXCDE	E.DFHALT	E.DFHLFT	E.DFHSYS
A.DFHXPPTP	C.DFHXC LA	E.DFHANRAT	E.DFHLUC	E.DFHTACB
A.DFHXPPTR	C.DFHXINST	E.DFHANRWC	E.DFHLUCM	E.DFHTC
A.DFHXRMA	C.DFHXOREN	E.DFHBFTCA	E.DFHLUS	E.DFHTCA
A.DFHXRMB	C.DFHXREPT	E.DFHBIF	E.DFHMCT	E.DFHTCLIN
A.DFHXRMC	C.DFH2980	E.DFHBMPIC	E.DFHMCTDS	E.DFHTCMN1
A.DFHXRMD	C.FILEA	E.DFHBMS	E.DFHMCTEN	E.DFHTCMN2
A.DFHXR MK	C.LOGA	E.DFHBSC	E.DFHMCTMP	E.DFHTCMN3
A.DFHXR ML	C.L860	E.DFHCLID	E.DFHMCTNM	E.DFHTCMN4
A.DFHXSNT	C.XDFHCMA	E.DFHCM PDR	E.DFHMCTRC	E.DFHTCMN5
A.DFHXT CBI	C.XDFHCMB	E.DFHCM PDT	E.DFHMCTSE	E.DFHTCMPV
A.DFHXT CBS	C.XDFHCMC	E.DFHCM PRC	E.DFHMCTSS	E.DFHTCNED
A.DFHXTCTC	C.XDFHCMD	E.DFHCOVER	E.DFHMD F	E.DFHTCPCL
A.DFHXTCTS	C.XDFHCMK	E.DFHCSAD	E.DFHMDI	E.DFHTCPCM
A.DFHXTCVI	C.XDFHCML	E.DFHDC	E.DFHMGM	E.DFHTCPSV
A.DFHXT CVS	E.D\$HANRWC	E.DFHDCO	E.DFHMGMIO	E.DFHTCPZR
A.DFHXTDLM	E.D\$HBFTCA	E.DFHDCT	E.DFHMGM I1	E.DFHTCSDS
A.DFHXT EP	E.D\$HBIF	E.DFHDCTD	E.DFHMRPG	E.DFHTCT
A.DFHXT EPT	E.D\$HBMS	E.DFHDCTEN	E.DFHMSD	E.DFHTCTBD

E.DFHTCTCE	E.DFHTD	E.DFHZCPBK	P.DFHXPALL	R.DFHEIVAR
E.DFHTCTG	E.DFHTEPA	E.DFHZNEPI	P.DFHXPBRW	R.DFHMSRCA
E.DFHTCTLG	E.DFHTEPC	E.DFHZUSRM	P.DFHXPOM	R.DFHXRALL
E.DFHTCTME	E.DFHTEPM	P.DFHAID	P.DFHXPDE	R.DFHXRBRW
E.DFHTCTML	E.DFHTEPS	P.DFHBIFEA	P.DFHXPPLA	R.DFHXRCOM
E.DFHTCTMS	E.DFHTEPT	P.DFHBIFWR	P.DFHXPNU	R.DFHXRNU
E.DFHTCTNX	E.DFHTLT	P.DFHBMSCA	P.DFHXPORD	R.DFHXRREN
E.DFHTCTPL	E.DFHTM	P.DFHCDBLK	P.DFHXPREP	R.DFHXRREP
E.DFHTCTPR	E.DFHTR	P.DFHCSADS	P.DFHXPXP	R.DFH2980
E.DFHTCTPS	E.DFHTRACE	P.DFHEIBLK	P.DFHXPXP	R.FILEA
E.DFHTCTPX	E.DFHTS	P.DFHFIOA	P.DFH2980	R.LOGA
E.DFHTCTRM	E.DFHTST	P.DFHFWADS	P.FILEA	R.L860
E.DFHTCTSA	E.DFHUEXIT	P.DFHJCADS	P.LOGA	R.XDRMA
E.DFHTCTSB	E.DFHUEXPT	P.DFHMSRCA	P.L860	R.XDRMB
E.DFHTCTSE	E.DFHV	P.DFHSAADS	P.XDFHPMA	R.XDRMC
E.DFHTCTSK	E.DFHWTO	P.DFHTCADS	P.XDFHPMB	R.XDRMD
E.DFHTCTSS	E.DFHXFSTG	P.DFHTCTTE	P.XDFHPMC	R.XDRMK
E.DFHTCTSV	E.DFHXT	P.DFHTDIA	P.XDFHPMD	R.XDRML
E.DFHTCTUA	E.DFHXTAB	P.DFHTDOA	P.XDFHPMK	Z.DFHEITAL
E.DFHTCTUB	E.DFHZBSM	P.DFHTIOA	P.XDFHPML	Z.DFHEITCL
E.DFHTCTUV	E.DFHZCHMR	P.DFHTSIOA	R.DFHAID	Z.DFHEITPL
E.DFHTCTZE	E.DFHZCHMS	P.DFHURLDS	R.DFHBMSCA	Z.DFHEITRL
E.DFHTCT32	E.DFHZCNM	P.DFHVSWA	R.DFHEIBLK	Z.DFHSPJCL
E.DFHTCX				

The following Relocatable Modules are included :

BTMLR32T	BTMODM#	DFHEAIO	DFHISMNC	DFHPPHN
BTML32T	BTMODR#	DFHECI	DFHISMNN	IJDVZZIW
BTMODH\$	BTMR32T	DFHEPI	DFHISMRC	IJDVZZZW
BTMODL#	DFHEAI	DFHERI	DFHISMNR	IJHZLGZZ

The following Phases are included :

\$\$\$COH38	DFHCPY	DFHDCT1\$	DFHEDFBR	DFHEITOT
\$\$BDFHDP	DFHCRNP	DFHDCT2\$	DFHEDFD	DFHEITSP
DFHACEE	DFHCRP	DFHDIPDY	DFHEDFM	DFHEITST
DFHACP	DFHCRQ	DFHDIP1\$	DFHEDFP	DFHEJC
DFHAKP	DFHCRR	DFHDM	DFHEDFR	DFHEKC
DFHALP	DFHCRS	DFHDSBA\$	DFHEDFX	DFHEL
DFHAMP	DFHCRSP	DFHDSBS\$	DFHEDI	DFHEMA
DFHAQP	DFHCSA	DFHDUP	DFHEEI	DFHEMB
DFHATP	DFHCSDUP	DFHEAP1\$	DFHEEX	DFHEMC
DFHBFPDY	DFHCSEOT	DFHEBF	DFHEFC	DFHEMD
DFHBFP1\$	DFHCUS1B	DFHEBU	DFHEGL	DFHEME
DFHBFP2\$	DFHCWTO	DFHECID	DFHEIC	DFHEMF
DFHBFP3\$	DFHDBMS	DFHECIP	DFHEIDLI	DFHEMG
DFHCCMF	DFHDBP1\$	DFHECP1\$	DFHEIGDS	DFHEMH
DFHCICS	DFHDBP2\$	DFHECSP	DFHEIGDX	DFHEMI
DFHCMON	DFHDCPD\$	DFHEDAD	DFHEIP	DFHEMS
DFHCM	DFHDCPDY	DFHEDAP	DFHEITAB	DFHEMTA
DFHCM	DFHDCP4\$	DFHEDC	DFHEITMT	DFHEMTD

DFHEMTF	DFHJCPDY	DFHRUP	DFHTDP7\$	DFHZCZES
DFHEOTF	DFHJCP1\$	DFHSCP	DFHTDRP	DFHZCZSS
DFHEPC	DFHJCP2\$	DFHSCR	DFHTDWT\$	DFHZNAC
DFHEPP1\$	DFHJCSDJ	DFHSCTE	DFHTEOF	DFHZNEP
DFHERM	DFHKCP	DFHSDR\$	DFHTEP	DFHZRLG
DFHERP1\$	DFHKPPD\$	DFHSFP	DFHTEPT	DFHZRSP
DFHESC	DFHKPPDY	DFHSIA1	DFHTMP	TDLIMS
DFHESP	DFHLFO	DFHSIB1	DFHTPPA\$	XDFHAALL
DFHESTP	DFHLUP	DFHSIC1	DFHTPPS\$	XDFHABRW
DFHETC	DFHMCPA\$	DFHSID1	DFHTPQ	XDFHACOM
DFHETD	DFHMCPPDY	DFHSIE1	DFHTPR	XDFHAMA
DFHETL	DFHMCPE\$	DFHSIF1	DFHTPS	XDFHAMB
DFHETR	DFHMCPS\$	DFHSIG1	DFHTRPD\$	XDFHAMC
DFHETS	DFHMCX	DFHSIH1	DFHTRPDY	XDFHAMD
DFHEXI	DFHMGF	DFHSII1	DFHTRP4\$	XDFHAMK
DFHFCPA\$	DFHMGF	DFHSIJ1	DFHTRP5\$	XDFHAML
DFHFCPB\$	DFHMIR	DFHSIP	DFHTSPDY	XDFHAMNU
DFHFCPC\$	DFHML1	DFHSIT1\$	DFHTSP1\$	XDFHAREN
DFHFCPD\$	DFHMSF	DFHSIT2\$	DFHTSP2\$	XDFHAREP
DFHFCPPDY	DFHMTPA	DFHSNP	DFHTSP3\$	XDFHBRWS
DFHFCPS\$	DFHMTPB	DFHSNT	DFHTSRP	XDFHCALL
DFHFCP1\$	DFHMTPC	DFHSPP	DFHTUP	XDFHCCOM
DFHFCP2\$	DFHMTPD	DFHSRPDY	DFHUEH	XDFHCMCMA
DFHFCP3\$	DFHMTPE	DFHSRP1\$	DFHUEM	XDFHCMB
DFHFCP4\$	DFHMTPF	DFHSRT1\$	DFHVCP	XDFHCMC
DFHFCP5\$	DFHMTPG	DFHSTKC	DFHVCPDY	XDFHCMC
DFHFCP6\$	DFHMXF	DFHSTLK	DFHWT1	XDFHCMK
DFHFCP7\$	DFHM32A\$	DFHSTP	DFHWT2	XDFHCMC
DFHFCP8\$	DFHM32S\$	DFHSTPD	DFHXFP	XDFHINST
DFHFCP9\$	DFHOCF	DFHSTSP	DFHXMOLS	XDFHOREN
DFHFDP	DFHPBPA\$	DFHSTTD	DFHXSP	XDFHPALL
DFHFED1	DFHPBPS\$	DFHSTTR	DFHXSPDY	XDFHPBRW
DFHFED2	DFHPCI	DFHSTUP	DFHXTF	XDFHPCOM
DFHFELG	DFHPCP1\$	DFHTACP	DFHZCA	XDFHPMA
DFHFEP	DFHPCP2\$	DFHTAJP	DFHZCBE\$	XDFHPMB
DFHFERR	DFHPCP3\$	DFHTBP1\$	DFHZCBS\$	XDFHPMC
DFHFETX	DFHPCT1\$	DFHTBP2\$	DFHZCC	XDFHPMD
DFHFTAP	DFHPEP	DFHTCPE\$	DFHZCPE\$	XDFHPMK
DFHGMM	DFHPPH	DFHTCPS\$	DFHZCPS\$	XDFHPML
DFHICP	DFHPPI	DFHTCP1\$	DFHZCP1\$	XDFHPMNU
DFHIIPA\$	DFHPPT1\$	DFHTCP2\$	DFHZCP2\$	XDFHPORD
DFHIIPS\$	DFHPRK	DFHTCP3\$	DFHZCP3\$	XDFHPREP
DFHIRP	DFHPRPR	DFHTCP4\$	DFHZCP4\$	XDFHRALL
DFHISP	DFHPUP	DFHTCP5\$	DFHZCP5\$	XDFHRBRW
DFHJCBSP	DFHP3270	DFHTCTB\$	DFHZCW	XDFHRCOM
DFHJCC	DFHRD1	DFHTCTV\$	DFHZCX\$	XDFHREPT
DFHJCEOV	DFHRD2	DFHTCT1\$	DFHZCX\$	XDFHRMNU
DFHJCI	DFHRKB	DFHTDLI	DFHZCX1\$	XDFHRREN
DFHJCIOE	DFHRLRA\$	DFHTDPDY	DFHZCX2\$	XDFHRREP
DFHJCJFP	DFHRLRS\$	DFHTDP1\$	DFHZCX3\$	XDRMA XDRMB
DFHJCKOJ	DFHRMSY	DFHTDP2\$	DFHZCX4\$	XDRMC XDRMD
DFHJCO	DFHRTE	DFHTDP4\$	DFHZCX5\$	XDRMK XDRML
DFHJCOCF	DFHRTY	DFHTDP6\$	DFHZCY	

GENERATION FEATURE :

The following Source Materials are included :

A.DFHACEE	A.DFHHIC	A.DFHPTTEN	A.DFHSENT	A.DFHCTPRA
A.DFHACP	A.DFHICEDS	A.DFHPTTGP	A.DFHSTORT	A.DFHCTPSV
A.DFHAIDDS	A.DFHICEXT	A.DFHPRINT	A.DFHSP	A.DFHCTSAM
A.DFHAL	A.DFHICP	A.DFHPRK	A.DFHSPC	A.DFHCTSBS
A.DFHALP	A.DFHIMSDS	A.DFHPRMCK	A.DFHSPHCP	A.DFHCTSDS
A.DFHALT	A.DFHIRSDS	A.DFHPSDDS	A.DFHSPPLZ1	A.DFHCTSNC
A.DFHALTDS	A.DFHISDLI	A.DFHPP3270	A.DFHSPPLZ2	A.DFHCTSSC
A.DFHAM	A.DFHISP	A.DFHQEADS	A.DFHSPPLZ3	A.DFHCTCS35
A.DFHATPDS	A.DFHJCOCL	A.DFHREQ	A.DFHSPPL14	A.DFHCTCS7N
A.DFHBMS	A.DFHJCT	A.DFHRKB	A.DFHSP	A.DFHCTCS70
A.DFHBSC	A.DFHKC	A.DFHRMSY	A.DFHSP14A	A.DFHCTCS74
A.DFHCMPPDR	A.DFHKCEXT	A.DFHRSADS	A.DFHSP14B	A.DFHCTCS80
A.DFHCOI	A.DFHKCP	A.DFHRTY	A.DFHSP36B	A.DFHCTCT
A.DFHCOVER	A.DFHKP	A.DFHSAAMP	A.DFHSRP	A.DFHCTCTG
A.DFHCPY	A.DFHKPBUF	A.DFHSC	A.DFHSTRT	A.DFHCTCTI
A.DFHCRBDS	A.DFHKPDDS	A.DFHSCCOS	A.DFHSTRTDS	A.DFHCTCTLC
A.DFHCSA	A.DFHKPPDS	A.DFHSCEXT	A.DFHSYS	A.DFHCTCTLX
A.DFHDBEXT	A.DFHKPTDS	A.DFHSCP	A.DFHTACP	A.DFHCTCTME
A.DFHDBLDS	A.DFHKPT	A.DFHSCPA	A.DFHTBEXT	A.DFHCTCTML
A.DFHDBODS	A.DFHLLADS	A.DFHSCPF	A.DFHTBODS	A.DFHCTCTMS
A.DFHDBP	A.DFHLLDC	A.DFHSCPG	A.DFHTBP	A.DFHCTCTNX
A.DFHDBRDS	A.DFHMAPDS	A.DFHSCPI	A.DFHTC	A.DFHCTCTPL
A.DFHDC	A.DFHMEDS	A.DFHSCPM	A.DFHTC	A.DFHCTCTPR
A.DFHDCO	A.DFHMEDS	A.DFHSCPP	A.DFHTCBBS	A.DFHCTCTPS
A.DFHDCRDS	A.DFHMCRDS	A.DFHSCPT	A.DFHTCCLC	A.DFHCTCTPX
A.DFHDC	A.DFHMCT	A.DFHSCPX	A.DFHTC	A.DFHCTCTRM
A.DFHDC	A.DFHMCTDS	A.DFHSCR	A.DFHTC	A.DFHCTCTRN
A.DFHDC	A.DFHMCTEN	A.DFHSEC	A.DFHTC	A.DFHCTCTSA
A.DFHDC	A.DFHMCTMP	A.DFHSGDLI	A.DFHTCDEF	A.DFHCTCTSB
A.DFHDC	A.DFHMCTNM	A.DFHSG01	A.DFHTCEXT	A.DFHCTCTSE
A.DFHDC	A.DFHMRMC	A.DFHSG02	A.DFHTCCLIN	A.DFHCTCTSK
A.DFHDC	A.DFHMSG	A.DFHSG03	A.DFHTCMN1	A.DFHCTCTSS
A.DFHDC	A.DFHNL	A.DFHSG04	A.DFHTCMN2	A.DFHCTCTSV
A.DFHDC	A.DFHOC	A.DFHSG05	A.DFHTCMN3	A.DFHCTCTUA
A.DFHDC	A.DFHOC	A.DFHSG06	A.DFHTCMN4	A.DFHCTCTUB
A.DFHDC	A.DFHOC	A.DFHSG07	A.DFHTCMN5	A.DFHCTCTWA
A.DFHDC	A.DFHOC	A.DFHSG08	A.DFHTCMPV	A.DFHCTCTWX
A.DFHDC	A.DFHOC	A.DFHSG09	A.DFHTCNBS	A.DFHCTCT32
A.DFHDC	A.DFHOC	A.DFHSG10	A.DFHTCNED	A.DFHCTCT37D
A.DFHDC	A.DFHOC	A.DFHSG11	A.DFHTCN29	A.DFHCTCT40N
A.DFHDC	A.DFHOC	A.DFHSG12	A.DFHTCN36	A.DFHCTCT40S
A.DFHDC	A.DFHOC	A.DFHSG13	A.DFHTCN70	A.DFHCTCT41N
A.DFHDC	A.DFHOC	A.DFHSG14	A.DFHTCN74	A.DFHCTCT41S
A.DFHDC	A.DFHOC	A.DFHSG15	A.DFHTCN80	A.DFHCTCT50N
A.DFHDC	A.DFHOC	A.DFHSCIT	A.DFHTCORS	A.DFHCTCT50S
A.DFHDC	A.DFHOC	A.DFHSCR	A.DFHTCP	A.DFHCTCT60L
A.DFHDC	A.DFHOC	A.DFHSLDC	A.DFHTCPCM	A.DFHCTCT60N

A.DFHTC70C	A.DFHXLTD	A.DFHZLEX	A.DFHZSIN	E.DFHIS
A.DFHTC70L	A.DFHXS	A.DFHZLGX	A.DFHZSKR	E.DFHMBO
A.DFHTC70R	A.DFHXS	A.DFHZLOC	A.DFHZSLS	E.DFHMCD
A.DFHTC77S	A.DFHZABD	A.DFHZLRP	A.DFHZSLX	E.DFHMSGEN
A.DFHTD	A.DFHZACT	A.DFHZLT	A.DFHZSSX	E.DFHMSPUT
A.DFHTDCI	A.DFHZAND	A.DFHZLUS	A.DFHZSTU	E.DFHMTPUT
A.DFHTDEXT	A.DFHZAPB	A.DFHZNAC	A.DFHZSUP	E.DFHPATCH
A.DFHTDP	A.DFHZARL	A.DFHZNCA	A.DFHZSYN	E.DFHPG
A.DFHTDRVA	A.DFHZARM	A.DFHZNCE	A.DFHZSYX	E.DFHPGAN
A.DFHTDRVB	A.DFHZARQ	A.DFHZNCS	A.DFHZTAX	E.DFHGEN
A.DFHTDVDW	A.DFHZASX	A.DFHZNCV	A.DFHZTPX	E.DFHGENT
A.DFHTDVE	A.DFHZATI	A.DFHZNEP	A.DFHZTRA	E.DFHSEC
A.DFHTDVG	A.DFHZATT	A.DFHZNSP	A.DFHZTSP	E.DFHSG
A.DFHTDVP	A.DFHZBKT	A.DFHZOPA	A.DFHZUCT	E.DFHSGA
A.DFHTDVPU	A.DFHZCA	A.DFHZOPN	A.DFHZUIX	E.DFHSTAB
A.DFHTDVS	A.DFHZCB	A.DFHZOPX	A.DFHZUSR	E.DFHSTR
A.DFHTDVX	A.DFHZCC	A.DFHZQUE	E.DFH\$ATMS	E.DFHTBO
A.DFHTERID	A.DFHZCHR	A.DFHZRAC	E.DFH\$FERS	E.DFHTCPRT
A.DFHTIEDS	A.DFHZCHS	A.DFHZRAQ	E.DFHACPTB	E.DFHTCQUE
A.DFHTLT	A.DFHZCLS	A.DFHZRAR	E.DFHAM	E.DFHTOM
A.DFHTPR	A.DFHZCLX	A.DFHZRLG	E.DFHBMUTM	E.DFHTSHD
A.DFHTR	A.DFHZCNT	A.DFHZRLX	E.DFHCOMP	E.DFHVOLD
A.DFHTRP	A.DFHZCP	A.DFHZRRX	E.DFHDBO	E.DFHFXDL
A.DFHTRPFQ	A.DFHZCRQ	A.DFHZRSP	E.DFHDLRES	E.DFHXFCC
A.DFHTRPIO	A.DFHZCW	A.DFHZRST	E.DFHDWE	E.DFHXFHED
A.DFHTS	A.DFHZCX	A.DFHZRSY	E.DFHEIAR	E.DFHXFIC
A.DFHTSCI	A.DFHZCY	A.DFHZRVL	E.DFHEIFD	E.DFHXFJC
A.DFHTSCTL	A.DFHZCZ	A.DFHZRVS	E.DFHEIIF	E.DFHXFMOD
A.DFHTSEXT	A.DFHZDET	A.DFHZRVX	E.DFHEIMV	E.DFHXFQU
A.DFHTSP	A.DFHZDSP	A.DFHZSAX	E.DFHEIS	E.DFHXF\$M
A.DFHTST	A.DFHZDST	A.DFHZSCX	E.DFHETCB	E.DFHXTSTG
A.DFHTSTDS	A.DFHZDWE	A.DFHZSDA	E.DFHEXTM	E.DFHZCHM
A.DFHTTPDS	A.DFHZEMW	A.DFHZSDL	E.DFHFB	E.DFHZERRM
A.DFHTZEXT	A.DFHZEQU	A.DFHZSDR	E.DFHFCWS	E.DFHZHPCH
A.DFHURDDS	A.DFHZERH	A.DFHZSDS	E.DFHFMH	E.DFHZHPRV
A.DFHVM	A.DFHZFRE	A.DFHZSDX	E.DFHHASH	E.DFHZHPSD
A.DFHVTWA	A.DFHZGET	A.DFHZSES	E.DFHIO	E.DFHZMJM
A.DFHWREDS	A.DFHZHPSR	A.DFHZSEX	E.DFHIR	E.DFHZNCM
A.DFHWTO	A.DFHZISP	A.DFHZSHU	E.DFHIRPD	E.DFHZTR
A.DFHXFP	A.DFHZIS1	A.DFHZSIM	E.DFHIRRDS	E.DFHZXRPL
A.DFHHLT	A.DFHZIS2			

The following Relocatable Modules are included :

DFHAMCN	DFHAMPCH	DFHAMPRE	DFHCUCSB	DFHCUM4B
DFHAMCSD	DFHAMPCO	DFHAMP00	DFHCUERB	DFHCUSEB
DFHAMCX	DFHAMPDF	DFHAMSN	DFHCUINB	DFHCUEVB
DFHAMER	DFHAMPDL	DFHAMST	DFHCULIB	DFHCUXRB
DFHAMGL	DFHAMPEN	DFHBEPB	DFHCUMIB	DFHDMP
DFHAMP	DFHAMPFI	DFHCSDUP	DFHCUMPB	DFHDMPB
DFHAMPAB	DFHAMPIL	DFHCUAPB	DFHCUM1B	DFHDMP3C
DFHAMPAD	DFHAMPLI	DFHCUCOB	DFHCUM2B	DFHDMP3C
DFHAMPAP	DFHAMPLO	DFHCUCPB	DFHCUM3B	DFHDMP5B

DFHDM01B	DFHEAM08	DFHEIN02	DFHEPM07	DFHESP20
DFHDM01C	DFHEAM11	DFHEIN03	DFHEPM08	DFHESP21
DFHDM02B	DFHEAM12	DFHEIN11	DFHEPM10	DFHESP22
DFHDM02C	DFHEAM26	DFHEIN12	DFHEPM11	DFHESP23
DFHDM03B	DFHEAP1\$	DFHEIN13	DFHEPM12	DFHESP26
DFHDM03C	DFHECID	DFHEIN16	DFHEPM14	DFHESP27
DFHDM04B	DFHECIP	DFHEIN19	DFHEPM17	DFHESP50
DFHDM04C	DFHECMAC	DFHEIN20	DFHEPM26	DFHESP51
DFHDM05B	DFHECMPC	DFHEIN21	DFHEPP1\$	DFHESP52
DFHDM05C	DFHECMSC	DFHEIN22	DFHERMAR	DFHESP53
DFHDM06B	DFHECM02	DFHEIN23	DFHERMPR	DFHESP54
DFHDM06C	DFHECM07	DFHEIN26	DFHERMSR	DFHESP55
DFHDM08B	DFHECM08	DFHEIN27	DFHERM02	DFHESTP
DFHDM08C	DFHECM10	DFHEIN50	DFHERM08	DFHEXMAB
DFHDM09B	DFHECM11	DFHEIN51	DFHERM11	DFHEXMAN
DFHDM09C	DFHECM12	DFHEIN52	DFHERM26	DFHEXMG1
DFHDM10B	DFHECM14	DFHEIN53	DFHERM28	DFHEXMG2
DFHDM10C	DFHECM17	DFHEIN54	DFHERM29	DFHEXMG3
DFHDM11B	DFHECM26	DFHEMTA	DFHERM30	DFHEXMKW
DFHDM11C	DFHECP1\$	DFHEMTD	DFHERM31	DFHEXMPE
DFHDM12B	DFHECSP	DFHEMTTP	DFHERM32	DFHEXMS1
DFHDM13B	DFHEDAD	DFHEMT00	DFHERM33	DFHEXMS2
DFHDM13C	DFHEDAP	DFHEMT01	DFHERM34	DFHEXMS3
DFHDM15B	DFHEDF	DFHEMT02	DFHERM35	DFHEXMTD
DFHDM15C	DFHEDFBL	DFHEMT11	DFHERM36	DFHEXMTG
DFHDM16B	DFHEDFBR	DFHEMT12	DFHERM37	DFHEXMXK
DFHDM16C	DFHEDFCB	DFHEMT19	DFHERM38	DFHEXMXM
DFHDM17B	DFHEDFCC	DFHEMT20	DFHERM39	DFHEXMXS
DFHDM17C	DFHEDFCE	DFHEMT21	DFHERM40	DFHEXM01
DFHDM18B	DFHEDFCR	DFHEMT22	DFHERM41	DFHEXM05
DFHDM18C	DFHEDFCS	DFHEMT23	DFHERM42	DFHEXM06
DFHDM19B	DFHEDFCX	DFHEMT27	DFHERM43	DFHEXM09
DFHDM19C	DFHEDFD	DFHEMT50	DFHERM44	DFHEXM13
DFHDM21B	DFHEDFDL	DFHEMT51	DFHERM45	DFHEXM15
DFHDM21C	DFHEDFR	DFHEMT52	DFHERM46	DFHEXM16
DFHDM22B	DFHEDFS	DFHEMT53	DFHERM47	DFHEXM18
DFHDM22C	DFHEDFU	DFHEMT54	DFHERP1\$	DFHEXM25
DFHDM23B	DFHEDFW	DFHEMT55	DFHESP00	DFHEXM26
DFHDM23C	DFHEIDLI	DFHEOTP	DFHESP01	DFHEXM27
DFHEAMAA	DFHEIGDX	DFHEPMAP	DFHESP02	DFHEXN26
DFHEAMPA	DFHEIMOP	DFHEPMPP	DFHESP11	DFHKCQ
DFHEAMSA	DFHEIN00	DFHEPMSP	DFHESP12	DFHPCQ
DFHEAM02	DFHEIN01	DFHEPM02	DFHESP19	DFHPUPB
DFHEAM07				

ACF/VTAM Vers. 2.1.0

The following Source Materials are included :

E.CHANGE	E.INTAB	E.ISTEXLST	E.MODEENT	E.SOLICIT
E.CLSDEST	E.INTRPRET	E.ISTEXL1	E.MODETAB	E.STRTMODE
E.COS	E.ISTACB	E.ISTGCB	E.NIB	E.TERMSESS
E.COSEND	E.ISTACBG	E.ISTGLBAL	E.OPNDST	E.USSCMD
E.COSTAB	E.ISTACB1	E.ISTMCB	E.OPNSEC	E.USSEND
E.DATAMAC	E.ISTBLDO	E.ISTRDWRA	E.RCVCMD	E.USSMSG
E.DO E.DVT	E.ISTBLENT	E.ISTRH	E.RECEIVE	E.USSPARM
E.ENDINTAB	E.ISTCBMTB	E.ISTRPL	E.REQSESS	E.USSTAB
E.ENDMODE	E.ISTCB1	E.ISTRPLG	E.RESET	E.VMSGGEN
E.EXECRPL	E.ISTCB2	E.ISTRPL1	E.RESETSR	E.VMSGSKL
E.FUNCT	E.ISTDBIND	E.ISTSCB	E.SEND	Y.ISTLKCID
E.IFGACB	E.ISTDNIB	E.ISTTCB	E.SENDCMD	Y.ISTLKSSD
E.IFGEXLST	E.ISTDPOHD	E.ISTUSFBC	E.SESSIONC	Y.ISTLKVTD
E.IFGRPL	E.ISTDPROC	E.LDO	E.SETLOGON	Y.ISTLKVTM
E.IHBRDWRA	E.ISTDVCHR	E.LOGCHAR	E.SIMLOGON	Z.ISTINCNO
E.INQUIRE	E.ISTEXLG	E.MODEEND		

The following Relocatable Modules are included :

\$\$\$COE27	ISTACCFA	ISTACCP1	ISTACCQ9	ISTAICIR
\$\$\$ABERVA	ISTACCFB	ISTACCP2	ISTACCRN	ISTAICPT
\$\$\$ABERVB	ISTACCFC	ISTACCP3	ISTACCRR	ISTAPCAD
\$\$\$ABERVF	ISTACCF3	ISTACCP4	ISTACCRT	ISTAPCGT
\$\$\$ABERV1	ISTACCGP	ISTACCP5	ISTACCR1	ISTAPCIE
\$\$\$ABERV2	ISTACCGR	ISTACCQA	ISTACCR4	ISTAPCIN
\$\$\$ABERV3	ISTACCG1	ISTACCQB	ISTACCR5	ISTAPCPD
\$\$\$ABERV4	ISTACCHA	ISTACCQC	ISTACCR6	ISTAPCPS
\$\$\$ABERV5	ISTACCHD	ISTACCQD	ISTACCR7	ISTAPCRP
\$\$\$ABERV6	ISTACCIN	ISTACCQE	ISTACCSA	ISTAPCRS
\$\$\$ABERV7	ISTACCI1	ISTACCQG	ISTACCSB	ISTAPCSD
\$\$\$ABERV8	ISTACCI2	ISTACCQH	ISTACCSC	ISTAPCTE
\$\$\$ABERV9	ISTACCI3	ISTACCQJ	ISTACCSJ	ISTAPCTP
\$\$\$BCST01	ISTACCI4	ISTACCQK	ISTACCSE	ISTAPCTQ
\$\$\$BCST02	ISTACCI5	ISTACCQL	ISTACCSG	ISTAPCTS
\$\$\$BOST01	ISTACCI6	ISTACCQM	ISTACCSH	ISTAPCTW
\$\$\$BOST02	ISTACCKN	ISTACCQN	ISTACCSJ	ISTAPCTX
\$\$\$BSTCNL	ISTACCK1	ISTACCQO	ISTACCSK	ISTAPCUE
\$\$\$BSTCN1	ISTACCK2	ISTACCQP	ISTACCSL	ISTAPCVC
\$\$\$RAST14	ISTACCK3	ISTACCQQ	ISTACCSM	ISTAPC33
\$\$\$RAST15	ISTACCLF	ISTACCQR	ISTACCSO	ISTAPC35
ISTACCAN	ISTACCLG	ISTACCQS	ISTACCSP	ISTAPC36
ISTACCAP	ISTACCLL	ISTACCQT	ISTACCSQ	ISTAPC39
ISTACCAQ	ISTACCLO	ISTACCQU	ISTACCSR	ISTAUCAG
ISTACCAR	ISTACCLU	ISTACCQV	ISTACCSS	ISTAUCAT
ISTACCCF	ISTACCL1	ISTACCQW	ISTACCSU	ISTCC010
ISTACCDE	ISTACCMC	ISTACCQ1	ISTACCSV	ISTCC011
ISTACCDF	ISTACCME	ISTACCQ2	ISTACCSW	ISTCC012
ISTACCDG	ISTACCML	ISTACCQ3	ISTACCSUS	ISTCC013
ISTACCD5	ISTACCMT	ISTACCQ4	ISTACCX1	ISTCC014
ISTACCDT	ISTACCNL	ISTACCQ5	ISTACCX3	ISTCC015
ISTACCDX	ISTACCPA	ISTACCQ6	ISTACCX4	ISTCC016
ISTACCD1	ISTACCPP	ISTACCQ7	ISTACC00	ISTCDCA1
ISTACCEA	ISTACCPU	ISTACCQ8	ISTACC01	ISTCDCA2

ISTCDCA3	ISTCFCWM	ISTDECFK	ISTDECQ3	ISTINCAL
ISTCDCCR	ISTCFECA	ISTDECFL	ISTDECQ4	ISTINCAM
ISTCDCD1	ISTCPCBF	ISTDECFP	ISTDECQ5	ISTINCAV
ISTCDCD2	ISTCPCCP	ISTDECFR	ISTDECQ6	ISTINCAW
ISTCDCD3	ISTCPCCT	ISTDECFS	ISTDECQ7	ISTINCAX
ISTCDCD4	ISTCPCC1	ISTDEC6	ISTDECQ8	ISTINCA0
ISTCDCD5	ISTCPCC2	ISTDEC7	ISTDECQ9	ISTINCBL
ISTCDCD6	ISTCPCC3	ISTDEC8	ISTDEC0	ISTINCBS
ISTCDCD7	ISTCPCC4	ISTDEC9	ISTDEC1	ISTINCCC
ISTCDCIO	ISTCPCDC	ISTDEC2	ISTDEC3	ISTINCCF
ISTCDCLO	ISTCPCDI	ISTDEC3	ISTDEC4	ISTINCCI
ISTCDCNO	ISTCPCDQ	ISTDEC4	ISTDEC5	ISTINCCO
ISTCDCN1	ISTCPCDS	ISTDEC5	ISTDEC6	ISTINCDE
ISTCDCPC	ISTCPCDT	ISTDEC6	ISTDEC7	ISTINCDP
ISTCDCRT	ISTCPCFR	ISTDEC7	ISTDEC8	ISTINCDS
ISTCDCTN	ISTCPCGD	ISTDEC8	ISTDEC9	ISTINCdT
ISTCDCU0	ISTCPCGR	ISTDEC9	ISTDEC0	ISTINCdU
ISTCDCU1	ISTCPCIN	ISTDEC0	ISTDEC1	ISTINCdO
ISTCDCVL	ISTCPCIO	ISTDEC1	ISTDEC2	ISTINCFO
ISTCDCX0	ISTCPCIS	ISTDEC2	ISTDEC3	ISTINCf1
ISTCDCX1	ISTCPCLS	ISTDEC3	ISTDEC4	ISTINCf9
ISTCFCEE	ISTCPCNT	ISTDEC4	ISTDEC5	ISTINCHA
ISTCFCDP	ISTCPCPI	ISTDEC5	ISTDEC6	ISTINCHT
ISTCFCDQ	ISTCPCPP	ISTDEC6	ISTDEC7	ISTINCIB
ISTCFCDR	ISTCPCP1	ISTDEC7	ISTDEC8	ISTINCIM
ISTCFCEA	ISTCPCRC	ISTDEC8	ISTDEC9	ISTINCIP
ISTCFCEB	ISTCPCRL	ISTDEC9	ISTDEC0	ISTINCIT
ISTCFCEC	ISTCPCRT	ISTDEC0	ISTDEC1	ISTINCLM
ISTCFCED	ISTCPCRY	ISTDEC1	ISTDEC2	ISTINCLQ
ISTCFCEE	ISTCPCSA	ISTDEC2	ISTDEC3	ISTINCMR
ISTCFCEF	ISTCPCSB	ISTDEC3	ISTDEC4	ISTINCNO
ISTCFCEG	ISTCPCSE	ISTDEC4	ISTDEC5	ISTINCNO
ISTCFCEH	ISTCPCSM	ISTDEC5	ISTDEC6	ISTINC2
ISTCFCEI	ISTCPCSS	ISTDEC6	ISTDEC7	ISTINC8
ISTCFCEJ	ISTCPCSV	ISTDEC7	ISTDEC8	ISTINCOE
ISTCFCEK	ISTCPCSW	ISTDEC8	ISTDEC9	ISTINCOI
ISTCFCEL	ISTCPCTM	ISTDEC9	ISTDEC0	ISTINCOQ
ISTCFCEM	ISTCPCTO	ISTDEC0	ISTDEC1	ISTINCOS
ISTCFCEN	ISTCPCTS	ISTDEC1	ISTDEC2	ISTINCPD
ISTCFCEO	ISTCPCVT	ISTDEC2	ISTDEC3	ISTINCPH
ISTCFCEP	ISTCPC3P	ISTDEC3	ISTDEC4	ISTINCQB
ISTCFCEQ	ISTCPYRL	ISTDEC4	ISTDEC5	ISTINCQE
ISTCFCER	ISTCPYRT	ISTDEC5	ISTDEC6	ISTINCRD
ISTCFCES	ISTDECAL	ISTDEC6	ISTDEC7	ISTINCRR
ISTCFCET	ISTDECAN	ISTDEC7	ISTDEC8	ISTINCRS
ISTCFCEU	ISTDECAP	ISTDEC8	ISTDEC9	ISTINCR4
ISTCFCEW	ISTDECAR	ISTDEC9	ISTDEC0	ISTINCR5
ISTCFCFE	ISTDECDE	ISTDEC0	ISTDEC1	ISTINCR6
ISTCFCML	ISTDECDF	ISTDEC1	ISTDEC2	ISTINCSd
ISTCFCMM	ISTDECdT	ISTDEC2	ISTDEC3	ISTINCSH
ISTCFCRT	ISTDECdX	ISTDEC3	ISTDEC4	ISTINCS1
ISTCFCR2	ISTDECd1	ISTDEC4	ISTDEC5	ISTINCTE
ISTCFCSW	ISTDECd2	ISTDEC5	ISTDEC6	ISTINCTM
ISTCFCTM	ISTDECfI	ISTDEC6	ISTINCAD	ISTINCTO

ISTINCTR	ISTLKNUT	ISTMGCRT	ISTPUCDR	ISTPUCXS
ISTINCTS	ISTLKNVT	ISTMGCC00	ISTPUCEF	ISTPUCX0
ISTINCUA	ISTLKNZ1	ISTMGCC01	ISTPUCEG	ISTRACBF
ISTINCUB	ISTLKPRT	ISTMMCHS	ISTPUCEI	ISTRACCA
ISTINCUC	ISTLKREP	ISTNOCCP	ISTPUCET	ISTRACCR
ISTINCUM	ISTLKRNT	ISTNOCDL	ISTPUCE0	ISTRACEP
ISTINCUI	ISTLKRTM	ISTNOCDM	ISTPUCE1	ISTRACIO
ISTINCUT	ISTLKSCC	ISTNOCDP	ISTPUCE2	ISTRACLM
ISTINCUI0	ISTLKSFV	ISTNOCDR	ISTPUCE3	ISTRACLN
ISTINCUI1	ISTLKSHC	ISTNOCDS	ISTPUCFA	ISTRACON
ISTINCUI2	ISTLKSHO	ISTNOCET	ISTPUCFB	ISTRACCTC
ISTINCUI3	ISTLKSJC	ISTNOCL2	ISTPUCFO	ISTRACTE
ISTINCUI4	ISTLKSJC	ISTNOCMS	ISTPUCFP	ISTRACTF
ISTINCUI5	ISTLKSLS	ISTNOCM1	ISTPUCGB	ISTRACCTM
ISTINCUI6	ISTLKSRT	ISTNOCM2	ISTPUCGN	ISTRACCTO
ISTINCVL	ISTLKSSC	ISTNOCNT	ISTPUCGU	ISTRACCTR
ISTINCV1	ISTLKSVT	ISTNOCPD	ISTPUCIA	ISTRACCTS
ISTINCV8	ISTLKTEP	ISTNOCRF	ISTPUCIL	ISTRACCTT
ISTINCWT	ISTLKURT	ISTNOCRI	ISTPUCIO	ISTRACCTW
ISTINCW1	ISTLK001	ISTNOCRT	ISTPUCIS	ISTRACCT1
ISTINCW3	ISTLK002	ISTNOCRSK	ISTPUCIS	ISTRACCT2
ISTINCXM	ISTLK003	ISTNOCST	ISTPUCOA	ISTRACCTB
ISTINCXY0	ISTLK004	ISTNOCSTR	ISTPUCOG	ISTRACCTI
ISTINCXY1	ISTLUCAC	ISTNOCVT	ISTPUCRA	ISTRACCTE
ISTINCXY5	ISTLUCBS	ISTOCCCA	ISTPUCRB	ISTRACCTE
ISTINCZ1	ISTLUCCI	ISTOCCCD	ISTPUCRC	ISTRACCTW
ISTINCZ2	ISTLUCCL	ISTOCCDF	ISTPUCRD	ISTSC02A
ISTINC01	ISTLUCES	ISTOCCOA	ISTPUCRL	ISTSC02B
ISTINC02	ISTLUCFI	ISTOCCSA	ISTPUCRM	ISTSC02C
ISTINC03	ISTLUCIP	ISTOCCSM	ISTPUCRT	ISTSC02D
ISTINC05	ISTLUCIQ	ISTORCBP	ISTPUCSB	ISTSC02E
ISTINC06	ISTLUCIT	ISTORCPX	ISTPUCSF	ISTSC02F
ISTINC07	ISTLUCLP	ISTORCRQ	ISTPUCSV	ISTSC020
ISTINC32	ISTLUCMD	ISTORCRT	ISTPUCTD	ISTSC021
ISTINEXI	ISTLUCNT	ISTOREAF	ISTPUCTI	ISTSC022
ISTLKABV	ISTLUCOD	ISTPATCH	ISTPUCTM	ISTSC023
ISTLKART	ISTLUCOP	ISTPUCAA	ISTPUCTO	ISTSC024
ISTLKATI	ISTLUCOS	ISTPUCAC	ISTPUCTR	ISTSC025
ISTLKATR	ISTLUCRC	ISTPUCAD	ISTPUCTO	ISTSC026
ISTLKCIP	ISTLUCRS	ISTPUCAK	ISTPUCVD	ISTSC027
ISTLKCIU	ISTLUCRT	ISTPUCAL	ISTPUCVF	ISTSC028
ISTLKCRT	ISTLUCSC	ISTPUCAO	ISTPUCVI	ISTSC029
ISTLKC00	ISTLUCSE	ISTPUCAS	ISTPUCVL	ISTSC030
ISTLKC01	ISTLUCSL	ISTPUCBM	ISTPUCVR	ISTSC031
ISTLKDLM	ISTLUCSM	ISTPUCCA	ISTPUCVS	ISTSC032
ISTLKE00	ISTLUCST	ISTPUCCD	ISTPUCVX	ISTSC033
ISTLKE01	ISTLUCTE	ISTPUCCI	ISTPUCVY	ISTSC034
ISTLKFDR	ISTLUCTS	ISTPUCCO	ISTPUCVZ	ISTSDCAD
ISTLKGR	ISTLUCXH	ISTPUCCT	ISTPUCV0	ISTSDCAP
ISTLKIIR	ISTMACCT	ISTPUCDC	ISTPUCV1	ISTSDCBK
ISTLKNCP	ISTMACRS	ISTPUCDD	ISTPUCWC	ISTSDCBU
ISTLKNDP	ISTMACRT	ISTPUCDI	ISTPUCWI	ISTSDCB2
ISTLKNFO	ISTMGCDL	ISTPUCDL	ISTPUCXQ	ISTSDCCA
ISTLKNRT	ISTMGCFR	ISTPUCDN	ISTPUCXR	ISTSDCCB

ISTSDCCC	ISTSDCPA	ISTTSCAS	ISTTSCHR	ISTTSCP2
ISTSDCCD	ISTSDCPC	ISTTSCAX	ISTTSCHS	ISTTSCP4
ISTSDCCF	ISTSDCPD	ISTTSCAY	ISTTSCHT	ISTTSCQA
ISTSDCCL	ISTSDCPT	ISTTSCBD	ISTTSCH2	ISTTSCQD
ISTSDCCN	ISTSDCPU	ISTTSCBI	ISTTSCIA	ISTTSCQP
ISTSDCCP	ISTSDCP4	ISTTSCBM	ISTTSCID	ISTTSCQR
ISTSDCCR	ISTSDCP6	ISTTSCBO	ISTTSCIM	ISTTSCQS
ISTSDCCY	ISTSDCRC	ISTTSCBR	ISTTSCIO	ISTTSCRA
ISTSDCC1	ISTSDCRD	ISTTSCBS	ISTTSCIP	ISTTSCRD
ISTSDCC2	ISTSDCRI	ISTTSCBY	ISTTSCIR	ISTTSCRE
ISTSDCC3	ISTSDCRN	ISTTSCCB	ISTTSCIS	ISTTSCRF
ISTSDCC4	ISTSDCRS	ISTTSCCC	ISTTSCIU	ISTTSCRI
ISTSDCC5	ISTSDCRT	ISTTSCCE	ISTTSCJB	ISTTSCRM
ISTSDCC7	ISTSDCR7	ISTTSCCM	ISTTSCJC	ISTTSCRO
ISTSDCC9	ISTSDCR8	ISTTSCCN	ISTTSCJE	ISTTSCRP
ISTSDCDC	ISTSDCR9	ISTTSCCR	ISTTSCJF	ISTTSCRR
ISTSDCDD	ISTSDCSA	ISTTSCCS	ISTTSCJL	ISTTSCRS
ISTSDCDF	ISTSDCSB	ISTTSCDB	ISTTSCJO	ISTTSCRX
ISTSDCDI	ISTSDCSC	ISTTSCDC	ISTTSCJR	ISTTSCSA
ISTSDCDL	ISTSDCSR	ISTTSCDD	ISTTSCJS	ISTTSCSC
ISTSDCDM	ISTSDCS1	ISTTSCDE	ISTTSCJT	ISTTSCSD
ISTSDCDN	ISTSDCTA	ISTTSCDF	ISTTSCKF	ISTTSCSE
ISTSDCD2	ISTSDCTM	ISTTSCDH	ISTTSCKS	ISTTSCSF
ISTSDCER	ISTSDCVB	ISTTSCDN	ISTTSCLB	ISTTSCSG
ISTSDCE9	ISTSDCVC	ISTTSCDR	ISTTSCLC	ISTTSCSP
ISTSDCFR	ISTSDCVG	ISTTSCDS	ISTTSCLE	ISTTSCSR
ISTSDCGE	ISTSDCVR	ISTTSCDU	ISTTSCLM	ISTTSCSS
ISTSDCGP	ISTSQCDS	ISTTSCED	ISTTSCLS	ISTTSCTR
ISTSDCHA	ISTSQCOC	ISTTSC EI	ISTTSCLO	ISTTSCTS
ISTSDCHD	ISTSQCOD	ISTTSC EM	ISTTSCMB	ISTTSCUD
ISTSDCHS	ISTSQC OE	ISTTSC ER	ISTTSCMD	ISTTSCUF
ISTSDCIN	ISTSQC00	ISTTSC ES	ISTTSCMI	ISTTSCVI
ISTSDCIO	ISTSQC06	ISTTSCFA	ISTTSCMO	ISTTSCVO
ISTSDCLB	ISTSQC10	ISTTSCFI	ISTTSCMR	ISTTSCVT
ISTSDCLC	ISTSQC12	ISTTSCFO	ISTTSCMS	ISTTSCWS
ISTSDCLK	ISTSQC13	ISTTSCFP	ISTTSCNC	ISTTSCWU
ISTSDCLM	ISTSQC16	ISTTSCFR	ISTTSCNI	ISTTSCXI
ISTSDCLN	ISTSQC26	ISTTSCFV	ISTTSCNO	ISTTSCXR
ISTSDCLP	ISTTC035	ISTTSCGR	ISTTSCNS	ISTTSCXS
ISTSDCLU	ISTTC037	ISTTSCHB	ISTTSCOC	ISTTSCZI
ISTSDCNA	ISTTSCAB	ISTTSCHC	ISTTSCON	ISTTSCZO
ISTSDCNB	ISTTSCAC	ISTTSCHE	ISTTSCOR	ISTTSC3I
ISTSDCND	ISTTSCAE	ISTTSCHF	ISTTSCOS	ISTTSC3O
ISTSDCNE	ISTTSCAF	ISTTSCHH	ISTTSCPD	ISTTSC3R
ISTSDCNF	ISTTSCAH	ISTTSCHI	ISTTSCPF	ISTTSC3S
ISTSDCNJ	ISTTSCAI	ISTTSCHO	ISTTSCPI	ISTVTCON
ISTSDCNR	ISTTSCAL	ISTTSCHP	ISTTSCPR	ISTVTCVT
ISTSDCOD	ISTTSCAP	ISTTSCHQ	ISTTSCPS	ISTVTLOD

The following Phases are included :

\$\$SCOE27	\$\$ABERVB	\$\$ABERV1	\$\$ABERV3	\$\$ABERV5
\$\$ABERVA	\$\$ABERVF	\$\$ABERV2	\$\$ABERV4	\$\$ABERV6

\$\$ABERV7	ISTINCCI	ISTPUCWC	ISTTSCED	ISTTSCNO
\$\$ABERV8	ISTINCCO	ISTPUCXO	ISTTSCEI	ISTTSCNS
\$\$ABERV9	ISTINCDE	ISTRACCA	ISTTSCEM	ISTTSCOC
\$\$BCST01	ISTINCDP	ISTRACCR	ISTTSCER	ISTTSCON
\$\$BCST02	ISTINCDT	ISTRACEP	ISTTSCFA	ISTTSCOR
\$\$BOST01	ISTINCFO	ISTRACIO	ISTTSCFI	ISTTSCOS
\$\$BOST02	ISTINCF1	ISTRACON	ISTTSCFO	ISTTSCPD
\$\$BSTCNL	ISTINCIP	ISTRAC TM	ISTTSCFV	ISTTSCPI
\$\$BSTCN1	ISTINCLM	ISTRAC TR	ISTTSCGR	ISTTSCPR
\$\$RAST14	ISTINCLQ	ISTRAC VB	ISTTSC HB	ISTTSCPS
\$\$RAST15	ISTINCNO	ISTRAETI	ISTTSC HC	ISTTSCP2
ISTACC00	ISTINC N2	ISTSC034	ISTTSC HE	ISTTSCP4
ISTACC01	ISTINC SH	ISTSDCCA	ISTTSC HF	ISTTSCQR
ISTAICIR	ISTINC S1	ISTSDCCD	ISTTSC HH	ISTTSCQS
ISTAICPT	ISTINCTS	ISTSDCCF	ISTTSC HO	ISTTSCRA
ISTAPCIN	ISTINCUT	ISTSDCCN	ISTTSC HR	ISTTSCRD
ISTAPCPD	ISTINC U6	ISTSDCCP	ISTTSC HS	ISTTSCRE
ISTAPCRP	ISTINC VL	ISTSDCCR	ISTTSC HT	ISTTSCRI
ISTAPCRS	ISTINC VT	ISTSDCLM	ISTTSC ID	ISTTSCRM
ISTAPCTE	ISTINC W3	ISTSDCNA	ISTTSC IO	ISTTSCRO
ISTAPCTW	ISTINC XM	ISTSDCND	ISTTSC IP	ISTTSCRR
ISTAPCTX	ISTINC Y5	ISTSDCNE	ISTTSC IR	ISTTSCRS
ISTAPCUE	ISTINC Z1	ISTSDCNF	ISTTSC IS	ISTTSCRX
ISTAPC33	ISTLUCIP	ISTSDCNR	ISTTSC IU	ISTTSCSC
ISTAPC35	ISTLUCOP	ISTSDCOD	ISTTSC JB	ISTTSCSD
ISTAPC36	ISTLUCRT	ISTSDCRI	ISTTSC JC	ISTTSCSE
ISTAPC39	ISTMACRT	ISTSDCRT	ISTTSC JE	ISTTSCSG
ISTAUCAG	ISTMGCRT	ISTSDCVR	ISTTSC JF	ISTTSCSR
ISTAUCAT	ISTMGC00	ISTSQCDS	ISTTSC JL	ISTTSCSS
ISTCFCDR	ISTMGC01	ISTTSCAP	ISTTSC JO	ISTTSCUD
ISTCFCML	ISTMMCHS	ISTTSCBI	ISTTSC JR	ISTTSCUF
ISTCPCFR	ISTNOCRT	ISTTSCBO	ISTTSC JS	ISTTSCVI
ISTCPCGD	ISTOCCCA	ISTTSCCB	ISTTSC JT	ISTTSCVO
ISTCPCGR	ISTOCCCD	ISTTSCCC	ISTTSC LB	ISTTSCVT
ISTCPCNT	ISTOCCDF	ISTTSCCE	ISTTSC LC	ISTTSCWS
ISTCPCPP	ISTOCCOA	ISTTSCCN	ISTTSC LE	ISTTSCWU
ISTCPCRT	ISTOCCSA	ISTTSCCR	ISTTSC LM	ISTTSCZI
ISTCPCSM	ISTOCCSM	ISTTSCCS	ISTTSC LS	ISTTSCZO
ISTCPCSV	ISTOLTEP	ISTTSCDB	ISTTSC LO	ISTTSC3I
ISTDEC00	ISTORCBP	ISTTSCDD	ISTTSC MB	ISTTSC3O
ISTDEC01	ISTORCPX	ISTTSCDF	ISTTSC MI	ISTTSC3R
ISTDVCRC	ISTOREAF	ISTTSCDH	ISTTSC MO	ISTTSC3S
ISTESC01	ISTPATCH	ISTTSCDN	ISTTSC NC	TPRINT
ISTINCAX	ISTPUCRT	ISTTSCDR	ISTTSC NI	

VSE/VSAM, SPACE MGMT Vers. 1.3.0, BACKUP/REST Vers. 1.2.0

The following Source Materials are included :

E.ACB	E.IKQACB	E.IKQEXLG	E.IKQRPLG	E.RPL
E.BLDVRP	E.IKQACBG	E.IKQEXLST	E.IKQRPL1	E.SHOWCAT
E.DLVRP	E.IKQACB1	E.IKQEXL1	E.IKQSCB	E.SHOWCB
E.ENDREQ	E.IKQCB1	E.IKQGCB	E.IKQTCB	E.TCLOSE
E.ERASE	E.IKQCB2	E.IKQMCB	E.MODCB	E.TESTCB
E.EXLST	E.IKQERMAC	E.IKQRPL	E.POINT	E.WRTBFR
E.GENCB				

The following Phases are included :

\$\$\$COI78	IDCCDLC	IDCDL01	IDCTSI00	IKQVCHK
\$\$\$COI79	IDCCDLR	IDCEX02	IDCTSLC0	IKQVCLC
\$\$\$COI93	IDCCDMP	IDCEX03	IDCTSLC1	IKQVCLIF
\$\$BACLOS	IDCCDPM	IDCIO02	IDCTSLR0	IKQVCLOC
\$\$BCLCRA	IDCCDPR	IDCIO03	IDCTSLR1	IKQVCLOS
\$\$BCVSAM	IDCCDRC	IDCLC01	IDCTSMPO	IKQVCLOV
\$\$BCVS02	IDCCDRM	IDCLR01	IDCTSPR0	IKQVCLRD
\$\$BCVS03	IDCCDRP	IDCMP01	IDCTSRC0	IKQVDCN
\$\$BCVS04	IDCCDRS	IDCPM01	IDCTSRI0	IKQVDNT
\$\$BOCISC	IDCCDRT	IDCPR01	IDCTSR00	IKQVDRP
\$\$BODADE	IDCCDVY	IDCRC01	IDCTSTP0	IKQVDTPE
\$\$BODADS	IDCCDXP	IDCRIFF	IDCTSTP1	IKQVDU
\$\$BOSMIN	IDCCL01	IDCRIKT	IDCTSTP6	IKQVDUMP
\$\$BOSMMW	IDCDB01	IDCRIILT	IDCTSUV0	IKQVEDA
\$\$BOSMXT	IDCDB02	IDCRI01	IDCTSXP0	IKQVEDX
\$\$BOVSAM	IDCDE01	IDCRM01	IDCVY01	IKQVEOV
\$\$BOVS01	IDCDI01	IDCRP01	IDCXP01	IKQVGEN
\$\$BTCLOS	IDCDI02	IDCRS01	IIPAMDTF	IKQVIMR
\$\$SVAVSAM	IDCDI03	IDCRT01	IIPCLOSE	IKQVJIBS
IDCAL01	IDCDI04	IDCSA04	IIPOPEN	IKQVLAB
IDCAMS	IDCDI05	IDCSA05	IIPPROC	IKQVMSG
IDCBI01	IDCDI06	IDCSM01	IKQCKPR	IKQVNEX
IDCBP01	IDCDI07	IDCTP04	IKQFTIND	IKQVOPEN
IDCBP02	IDCDI08	IDCTP05	IKQIDUMP	IKQVPBF
IDCBP03	IDCDI09	IDCTP06	IKQSMACL	IKQVRBA
IDCCDAL	IDCDI10	IDCTSALO	IKQSMON	IKQVRM
IDCCDBI	IDCDI11	IDCTSBIO	IKQSMOEI	IKQVRT
IDCCDBP	IDCDI12	IDCTSBP0	IKQVACLO	IKQVSCAT
IDCCDCL	IDCDI13	IDCTSDE0	IKQVASMT	IKQVSHR
IDCCDDE	IDCDI14	IDCTSDL0	IKQVBRP	IKQVSTM
IDCCDDL	IDCDI15	IDCTSEX0	IKQVCAT	IKQVTMS

VSE/ICCF Vers. 2.1.1

The following Source Materials are included :

A.DTSGENER	A.DTSSSYSLD	A.DTSTEP70	E.DTSCOPYR	E.DTSIGEN
A.DTSSGLBLS	A.DTSSSYSPG	E.DEVTYPE	E.DTSFST	E.DTSMCSAD
A.DTSSSYSFL	A.DTSTEPEX	E.DTSCLP	E.DTSGOFS	E.DTSM2

E.DTSM5	I.GETL	I.SCHD1PLI	I.ZZZ\$COU	I.ZZZ\$LOC
E.DTSM6	I.GETP	I.SCHD2ASM	I.ZZZ\$CPFK	I.ZZZ\$LOG
E.DTSM7	I.GETR	I.SCHD2COB	I.ZZZ\$CTL	I.ZZZ\$OPT
E.DTSOPTNS	I.HELP	I.SCHD2PLI	I.ZZZ\$CUR	I.ZZZ\$OVL
E.DTSRQED	I.HELP\$LIS	I.SCRATCH	I.ZZZ\$CVER	I.ZZZ\$PFN
E.DTSSCRD	I.HELP\$LST	I.SDSERV	I.ZZZ\$DEL	I.ZZZ\$PRO
E.DTSSCRN	I.HC	I.SORT	I.ZZZ\$DQU	I.ZZZ\$PUR
E.DTSTASD	I.INSTALL	I.STORE	I.ZZZ\$ECH	I.ZZZ\$QUI
E.DTSTCTUA	I.INSTR21	I.SUBMIT	I.ZZZ\$EDI	I.ZZZ\$REN
E.DTSWRTFS	I.LIBRC	I.VSBASIC	I.ZZZ\$EDM	I.ZZZ\$RES
E.DTSWRTRD	I.LIBRL	I.VSBRESEQ	I.ZZZ\$EDP	I.ZZZ\$RET
I.A\$HELP	I.LIBRP	I.WORKFILE	I.ZZZ\$END	I.ZZZ\$RUN
I.A\$MAIL	I.LOAD	I.WORKFIL2	I.ZZZ\$ENT	I.ZZZ\$SCR
I.ASSEMBLE	I.MOVE	I.WORKFIL3	I.ZZZ\$ESET	I.ZZZ\$SDS
I.COBOLE	I.MVLIB	I.ZZZ\$SDA	I.ZZZ\$ESHO	I.ZZZ\$SEN
I.COPY	I.PLI	I.ZZZ\$ASS	I.ZZZ\$EXE	I.ZZZ\$SET
I.COPYFILE	I.PRINT	I.ZZZ\$ATT	I.ZZZ\$FIL	I.ZZZ\$SHO
I.CPYLIB	I.RELIST	I.ZZZ\$CAN	I.ZZZ\$FIN	I.ZZZ\$STO
I.DTSLG00	I.RPGIAUTO	I.ZZZ\$CAS	I.ZZZ\$FLE	I.ZZZ\$SUB
I.DTSLG4R	I.RPGII	I.ZZZ\$CBUF	I.ZZZ\$GET	I.ZZZ\$TAB
I.DTSLG40	I.RPGIXLTR	I.ZZZ\$CCLA	I.ZZZ\$GTL	I.ZZZ\$UPS
I.DTSLG7A	I.RSEF	I.ZZZ\$CCTL	I.ZZZ\$HAR	I.ZZZ\$VIE
I.DTSLG70	I.SAMPASMB	I.ZZZ\$CLOG	I.ZZZ\$INC	I.ZZZ\$VSE
I.ED	I.SAMPBASC	I.ZZZ\$CMD	I.ZZZ\$INP	I.ZZZ\$ZON
I.EDPRT	I.SAMPCOB	I.ZZZ\$CNT	I.ZZZ\$IPT	Z.HD302H02
I.EDPUN	I.SAMPFORT	I.ZZZ\$CNUL	I.ZZZ\$LIB	I.COPYMEM
I.FORTPROG	I.SAMPPLI	I.ZZZ\$COM	I.ZZZ\$LIN	I.ZZZ\$CHG
I.FORTTRAN	I.SCHD1ASM	I.ZZZ\$CON	I.ZZZ\$LIS	
I.FSEDPF	I.SCHD1COB	I.ZZZ\$COP	I.ZZZ\$LOA	

NOTE: The I.BOOKS are only shipped in the DTSFILE, not in a VSE library.

The following Relocatable Modules are included :

DTSCLPRC	DTSMCPST	DTSSWTIN	SWTINP
DTSMCPCL	DTSPGMCK	DTSSWTLG	SWTLOG
			DTSSNAP

The following Phases are included :

\$\$\$COH02	DTSCOPY	DTSIGEN	DTSPROCS	DTSTX02
\$\$BDTS04	DTSCRTCH	DTSINIT	DTSRELST	DTSTX03
\$\$VAICCF	DTSDA	DTSIPWR	DTSSBMT1	DTSTX04
DTSANALS	DTSDMPIO	DTSIPWRS	DTSSORT	DTSTX05
D TSAUDIT	DTSDUMMY	DTSISEOT	DTSSPACE	DTSTX06
DTSBATCH	DTSF DUMP	DTSIXP	DTSSUBMT	DTSTX07
DTSBSRSQ	DTSFILRT	DTSLMACC	DTSSYSFL	DTSTX08
DTSCDUMP	DTSGETQ	DTSMAIN	DTSSYSLD	DTSTX09
DTSCJENT	DT SICCF	DTSNTFY	DTSSYSPG	DTSTX10
DTSCLPRP	DTSIDBED	DTSOBJCT	DTSTX00	DTSTX11
DTSCOPCM	DTSIDBLS	DTSPRCS1	DTSTX01	DTSTX12

DTSTX13	DTSXTRCT	LINKNGO	LINKNGO1
DTUTIL			LINKNGO2

VSE/VM DITTO Vers. 1.1.0

The following Source Materials are included :

A.DTOMSG00
A.DTOPROFL
A.DTOTRTAB

The following Phases are included :

\$\$\$COH27	DTOPHSDK	DTOPHSI	DTOPHSPF	DTOPHSTR
DITTO	DTOPHSD1	DTOPHSK1	DTOPHSS	DTOPHSV
DTOPHSB	DTOPHSD2	DTOPHSK2	DTOPHST	DTOPHSX
DTOPHSC	DTOPHSH			

VSE/FAST COPY Vers. 1.2.0

The following Phases are included :

\$\$\$COF98	FCOPYFB	FCOPYFB3	FCOPYFB5
FCOPY	FCOPYFB2	FCOPYFB4	FCOPY2
			FCOPY3

BTAM Vers. 1.1.0

The following Source Materials are included :

A.IJLBTMDS	E.BTBTRSCH	E.BTNCKID	E.BTTRANS	E.DFTRMLST
E.AS	E.BTCMODE	E.BTOLTCMP	E.BTWAIT	E.DISPGUID
E.ASCTR	E.BTCKID	E.BTOLTIH	E.CHGNTRY	E.DTFBT
E.ASLIST	E.BTCONST	E.BTONLAP	E.CONFIGUR	E.GDUAS
E.BTBONLT	E.BTCSE	E.BTONLOA	E.CONTROL	E.GDULIST
E.BTBTEIH	E.BTCTUPT	E.BTRD	E.CTRGROUP	E.GDUTRANS
E.BTBTFIX	E.BTMOD	E.BTRLBF	E.CTRLIST	E.LERB
E.BTBTFREE	E.BTMODIH1	E.BTRQBF	E.CTRSCHE	E.LERPRT
E.BBTBTRD	E.BTMODIH2	E.BTRWC	E.DEULIST	E.LOPEN

E.ONLTST	E.RESETPL	E.TGROUP	E.TRNSLATE	E.TRSSCT3
E.PARAMNUM	E.RMSRTAB	E.TPEDIT	E.TRSRCTW	E.TWAIT
E.PARMLIST	E.SCANREQ	E.TRANSLAT	E.TRSRCT3	Z.SAMP327L
E.RELBUF	E.SDRTAB	E.TRLIST	E.TRSSCTW	Z.SAMP327R
E.REQBUF	E.STEND			

The following Relocatable Modules are included :

BT3270SC	IJLRC80	IJLSD80	IJL01Z	IJL08Q
IJLASC	IJLRF40	IJLSSCI	IJL02J	IJL08R
IJLEBD	IJLRF50	IJLTCD	IJL02Z	IJL08U
IJLEDIT3	IJLRSCI	IJLWTZ	IJL03Z	IJL08X
IJLRASA	IJLSASA	IJLZSCAN	IJL04Z	IJL08Y
IJLRCTW	IJLSCTW	IJLOBY	IJL05Z	IJL08Z
IJLRCT1	IJLSCT1	IJLOBZ	IJL06Z	IJL081
IJLRCT2	IJLSCT2	IJLODY	IJL07J	IJL082
IJLRCT3	IJLSCT3	IJLODZ	IJL07Y	IJL089
IJLRC30	IJLSD30	IJLOEZ	IJL07Z	IJL09Y
IJLRC40	IJLSD40	IJLOHZ	IJL08H	IJL1BZ
IJLRC50	IJLSD50	IJLOOY	IJL08M	IJL10Y
IJLRC60	IJLSD60	IJL01J	IJL08P	IJL2DZ

The following Phases are included :

\$\$\$COG08	\$\$BOTC01	IJLBOT06	IJLBOT22	IJLT2TWS
\$\$ABERP1	\$\$BOTC02	IJLBOT07	IJLBOT23	IJLT3ALC
\$\$ABERP2	\$\$BOTC03	IJLBOT08	IJLBOT24	IJLT3ROT
\$\$ABERP3	\$\$BOTC1A	IJLBOT09	IJLBOT25	IJLT3SLA
\$\$ABERP4	\$\$BRESPL	IJLBOT10	IJLBOT26	IJLT3TLT
\$\$ABERP5	\$\$BTCNCL	IJLBOT11	IJLBOT27	IJLT3TWS
\$\$ABERP6	\$\$BTMEBG	IJLBOT12	IJLBOT28	IJLT5ALC
\$\$ABERP7	\$\$BT1030	IJLBOT13	IJLBOT29	IJLT5ROT
\$\$ABERP8	\$\$BT1050	IJLBOT14	IJLBOT30	IJLT5SLA
\$\$ABERP9	\$\$BT1060	IJLBOT15	IJLBOT31	IJLT5TLT
\$\$BBT3SC	\$\$BT2260	IJLBOT16	IJLBOT32	IJLT5TWS
\$\$BBT3SI	\$\$BT2740	IJLBOT17	IJLBOT33	IJLT6ALC
\$\$BCTC01	\$\$BT2848	IJLBOT18	IJLBOT34	IJLT6ROT
\$\$BETPRT	IJLBOT02	IJLBOT19	IJLT2ALC	IJLT6SLA
\$\$BHDRCK	IJLBOT03	IJLBOT20	IJLT2ROT	IJLT6TLT
\$\$BLEPRT	IJLBOT04	IJLBOT21	IJLT2TLT	IJLT6TWS
\$\$BLOPEN	IJLBOT05			

VSE/EREP Vers. 3.2.0

The following Phases are included :

\$\$\$C0267	IFCACPU0	FCA3300	IFCA3400
IFCA3430	IFCA9980	FCBCPU0	IFCBCTLR

IFCBDAS1	IFCBSCPO	FCBTAP1	IFCBTAP2
IFCBTAP3	IFCBTCAM	FCBVTAM	IFCBXDOS
IFCBXVS1	IFCBXVS2	FCBXXVM	IFCB0158
IFCB0165	IFCB2300	FCB2400	IFCB3031
IFCB3032	IFCB3033	FCB3300	IFCB3400
IFCB3430	IFCB3705	FCB3725	IFCB3800
IFCB3850	IFCB7340	FCB8809	IFCB9980
IFCCCHV2	IFCC0115	FCC0125	IFCC0135
IFCC0138	IFCC0145	FCC0148	IFCC0155
IFCC0158	IFCC0165	FCC0168	IFCC3031
IFCC3032	IFCC3033	FCC3062	IFCC3081
IFCC3083	IFCC3084	FCC3090	IFCC4321
IFCC4331	IFCC4341	FCC4361	IFCC4381
IFCC9081	IFCC9083	FCC9190	IFCDDPA0
IFCD080B	IFCD080E	FCD0809	IFCD0817
IFCD0844	IFCD0882	FCD1013	IFCD200E
IFCD2006	IFCD2007	FCD2009	IFCD4002
IFCD8007	IFCD8080	FCD8809	IFCEAEXX
IFCEAXXX	IFCEA155	FCEA165	IFCEB155
IFCEB165	IFCECR01	FCECR02	IFCEC155
IFCEC165	IFCED155	FCED165	IFCEE155
IFCEE165	IFCEF155	FCEF165	IFCEGUS1
IFCEG155	IFCEI135	FCEI145	IFCEI155
IFCEJ145	IFCELEX1	FCEL155	IFCEM155
IFCENAGO	IFCEOAK1	FCEOAK2	IFCEOAK3
IFCEOAK4	IFCEOAK5	FCEREP1	IFCESOFT
IFCESON1	IFCESON2	FCESON3	IFCETNCP
IFCETRN0	IFCETRN1	FCETRN2	IFCETRN3
IFCETRN4	IFCETRN5	FCETRN6	IFCETRN7
IFCETRN8	IFCETRN9	FCETUL1	IFCET00B
IFCET00C	IFCET00D	FCET002	IFCET003
IFCET004	IFCET005	FCET006	IFCET008
IFCET040	IFCEUKNO	FCEXXXA	IFCEXXXB
IFCEXXXG	IFCEXXXH	FCEXXX0	IFCEXXX1
IFCEXXX2	IFCEXXX3	FCEXXX4	IFCEXXX5
IFCEXXX6	IFCEXXX7	FCEXXX8	IFCEXXX9
IFCE0115	IFCE0125	FCE0135	IFCE0145
IFCE0155	IFCE0165	FCE0811	IFCE1017
IFCE1018	IFCE2860	FCE2870	IFCE2880
IFCE33XX	IFCE4248	FCE5424	IFCG1053
IFCG2260	IFCG23XX	FCG27XX	IFCG32XX
IFCG3277	IFCG33XX	FCG34XX	IFCG37XX
IFCG38XX	IFCG3800	FCIBA00	IFCICTCA
IFCILG0D	IFCILG04	FCILG07	IFCIRC3A
IFCIRC34	IFCIRC36	FCI1012	IFCI1015
IFCI1017	IFCI1018	FCI1030	IFCI105D
IFCI105T	IFCI1050	FCI1052	IFCI1060
IFCI1130	IFCI115A	FCI1255	IFCI1270
IFCI1275	IFCI1285	FCI1287	IFCI1288
IFCI1403	IFCI1419	FCI1442	IFCI1443
IFCI2020	IFCI2150	FCI2250	IFCI226D
IFCI226T	IFCI2265	FCI2280	IFCI2282
IFCI2301	IFCI2303	FCI2305	IFCI2311
IFCI2314	IFCI2321	FCI2400	IFCI2495

IFCI2501	IFCI2520	FCI2540	IFCI2560
IFCI2596	IFCI2671	FCI2701	IFCI2702
IFCI2703	IFCI2715	FCI2740	IFCI2741
IFCI2760	IFCI2770	FCI2780	IFCI2790
IFCI2930	IFCI2947	FCI2955	IFCI2956
IFCI2970	IFCI2972	FCI3036	IFCI3066
IFCI3138	IFCI3148	FCI3158	IFCI3168
IFCI3203	IFCI3210	FCI3211	IFCI3213
IFCI3215	IFCI3262	FCI327D	IFCI327T
IFCI3278	IFCI3284	FCI3286	IFCI3289
IFCI3310	IFCI3330	FCI3340	IFCI3350
IFCI3370	IFCI3375	FCI3380	IFCI3400
IFCI3430	IFCI3480	FCI3504	IFCI3505
IFCI3525	IFCI3540	FCI3670	IFCI3700
IFCI3704	IFCI3705	FCI3725	IFCI3735
IFCI3791	IFCI3801	FCI3803	IFCI3838
IFCI3848	IFCI3850	FCI3851	IFCI3886
IFCI3890	IFCI3895	FCI3945	IFCI3968
IFCI4245	IFCI4248	FCI5080	IFCI5203
IFCI5424	IFCI5425	FCI7340	IFCI7443
IFCI7770	IFCI7772	FCI83B3	IFCI8809
IFCJ0200	IFCJ0400	FCJ0600	IFCJ0800
IFCJ0810	IFCJ0820	FCKXDOS	IFCKXVM
IFCKXVS1	IFCKXVS2	FCLPROC	IFCL33XX
IFCL34XX	IFCMCHVD	FCMCHV2	IFCM3081
IFCM3090	IFCNCPA3	FCNCP00	IFCNCP01
IFCNCP02	IFCNCP03	FCNCP10	IFCNCP11
IFCNCP72	IFCNCP73	FCNCP76	IFCNCP80
IFCNCP81	IFCNCP82	FCNCP83	IFCNCP84
IFCNCP86	IFCNFPDR	FCOFFLD	IFCPBA00
IFCPUKNO	IFCP080B	FCP080C	IFCP0801
IFCP0804	IFCP0806	FCP0808	IFCP0809
IFCP0816	IFCP0817	FCP0819	IFCP0844
IFCP0882	IFCP100A	FCP100B	IFCP1002
IFCP1003	IFCP1007	FCP1009	IFCP1013
IFCP2006	IFCP2007	FCP4002	IFCP8007
IFCQCPU0	IFCQSCP0	FCQ3300	IFCQ3400
IFCQ3430	IFCQ9980	FCRCPU0	IFCRDESM
IFCRSON1	IFCR3300	FCR3400	IFCR3430
IFCR9980	IFCSAEXX	FCSAXXX	IFCSCRXX
IFCSDICH	IFCSGUS1	FCSI115	IFCSI145
IFCSI155	IFCSNAGO	FCSSOFT	IFCSSON1
IFCSTNCP	IFCST00B	FCST003	IFCST005
IFCST006	IFCST008	FCSUKNO	IFCSXXXA
IFCSXXXB	IFCSXXXD	FCSXXXF	IFCSXXXG
IFCSXXXH	IFCSXXXX	FCSXXX0	IFCSXXX1
IFCSXXX2	IFCSXXX3	FCSXXX4	IFCSXXX5
IFCSXXX6	IFCSXXX7	FCSXXX8	IFCSXXX9
IFCSYMCD	IFCS0115	FCS0135	IFCS0145
IFCS0155	IFCS0165	FCS0811	IFCS1017
IFCS1018	IFCS2860	FCS2870	IFCS2880
IFCS3031	IFCS3032	FCS3033	IFCS33XX
IFCS4248	IFCS5424	FCTA105	IFCTA201
IFCTA301	IFCTB105	FCTB205	IFCTB305

IFCTB405	IFCTC104	FCTC201	IFCTC205
IFCTC301	IFCTC305	FCTC401	IFCT1107
IFCT1204	IFCT1307	FCT2104	IFCT2204
IFCT2305	IFCT3102	FCT3204	IFCYXXXX
IFCY1XXX	IFCY32XX	FCY327X	IFCY33XX
IFCY34XX	IFCY370X	FCY385X	IFCZECCH
IFCZECRW	IFCZEDDR	FCZEDIT	IFCZEIPL
IFCZEMCH	IFCZEMDR	FCZEMIH	IFCZEOB0
IFCZEOB1	IFCZESLH	FCZESUM	IFCZFILT
IFCZFRME	IFCZFRMS	FCZPAR1	IFCZPCTA
IFCZPCTM	IFCZPCTX	FCZREDS	IFCZREVE
IFCZRMGR	IFCZRSER	FCZRSES	IFCZRSUM
IFCZRS10	IFCZRS20	FCZRTHR	IFCZRTRE
IFCZSCCH	IFCZSIPL	FCZSMCH	IFCZSMIH
IFCZSOB0	IFCZSSLH		

VSE/OLTEP Vers. 1.1.0

The following Phases are included :

\$\$BOLTEP	IJZADO04	IJZADO16	IJZADO36	IJZADO52
\$\$BTOLTP	IJZADO05	IJZADO17	IJZADO37	IJZADO56
IJZACEOM	IJZADO06	IJZADO18	IJZADO39	IJZADO57
IJZACOMP	IJZADO07	IJZADO21	IJZADO40	IJZADO62
IJZACONV	IJZADO08	IJZADO22	IJZADO41	IJZADO64
IJZADOAA	IJZADO09	IJZADO24	IJZADO42	IJZADO70
IJZADOAB	IJZADO10	IJZADO26	IJZADO43	IJZADO71
IJZADOAJ	IJZADO11	IJZADO28	IJZADO44	IJZADO98
IJZADOLD	IJZADO12	IJZADO31	IJZADO45	IJZAGEN
IJZADOLT	IJZADO13	IJZADO32	IJZADO47	IJZAOPUT
IJZADO00	IJZADO14	IJZADO33	IJZADO49	IJZARATA
IJZADO03	IJZADO15	IJZADO35		

Device Support Facilities Vers. 1.8.0

The following Source Materials are included :

Z.DSFSA

The following Phases are included :

ICKDSF

1.22 VSE/ADVANCED FUNCTIONS 2.1.3 COMPONENTS IN VSE/SP 2.1.5

Component name	COMP-ID	Mac*	Mod*	Pha*
Assembler	5745-SC-ASM	Yes	No	Yes
Access Methods	5666-301-02	Yes	Part	Yes
ICA Utility	5666-301-03	No	No	Yes
OC/MC Reader	5666-301-04	Yes	No	Yes
Special Device Support	5666-301-05	Yes	No	Yes
Control/Library	5666-301-06	Yes	Part	Yes
MSHP	5666-301-07	No	No	Yes
Info / Analysis	5666-301-08	Yes	No	Yes

SCP Programs included :

VSE/EREP	3.2.0	5656-260-01
VSE/OLTEP	1.1.0	5656-09-201
Dev. Supt. Fac.	1.8.0	5745-SC-DSF
BTAM-SCP	1.1.0	5745-SC-BTM

* Mac = macros, Mod = relocatable modules, Pha = phases

Yes : In VSE/SP, all source books / relocatable modules /
phases of VSE/Advanced Functions 2.1.3 are available.
Part : In VSE/SP, part of source books / relocatable modules /
phases of VSE/Advanced Functions 2.1.3 are available.
No : In VSE/SP, no source books / relocatable modules /
phases of VSE/Advanced Functions 2.1.3 are available.

1.23 VSE/ADVANCED FUNCTIONS 2.1.3 ACCESS METHODS IN VSE/SP 2.1.5

Generation Macro	Avai- lable	DTF	Avai- lable
CDMOD	Yes	DTFCD	Yes
DAMOD	Yes	DTFDA	Yes
DIMOD	Yes	DTFDI	Yes
DRMOD	Yes	DTFDR	Yes
DUMOD	Yes	DTFDU	Yes
ISMOD	Yes	DTFEN	No
MRMOD	Yes	DTFIS	Yes
MTMOD	Yes	DTFMR	Yes
ORMOD	Yes	DTFMT	Yes
PRMOD	Yes	DTFOR	Yes
PTMOD	No	DTFPR	Yes
SDMOD	No	DTFPT	No
DAMODV	Yes	DTFSD	Yes
		DTFSR	Yes
		DTFCN	Yes
		DTFPH	Yes

END OF DOCUMENT

