UNISYS

Product Information Announcement

o New Release • Revision o Update o New Mail Code

Title

System 80 OS/3 Library Overview

This announces the release of a revision to this overview. This overview was previously released as UP-8986 (Revision 3).

The *Library Overview* describes the documentation that is available to users of the Unisys Operating System/3 (OS/3). The documents are listed in this overview both alphabetically by document title and numerically by document number.

This revision includes the documentation that is available for OS/3 Release 14.0.

To order additional copies of this document:

- United States customers should call Unisys Direct at 1-800-448-1424.
- All other customers should contact their Unisys Subsidiary Librarian.
- Unisys personnel should use the Electronic Literature Ordering (ELO) system.

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System 80
OS/3
Library Overview

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Unisys uses an 11-digit document numbering system. The suffix of the document number (1234 5678-xyz) indicates the document level. The first digit of the suffix (x) designates a revision level; the second digit (y) designates an update level. For example, the first release of a document has a suffix of -000. A suffix of -130 designates the third update to revision 1. The third digit (z) is used to indicate errata for a particular level and is not reflected in the page status summary.

About This Overview

Purpose

This overview provides a comprehensive compilation of the documentation, forms, binders, and specifications for the products used with System 80 and Unisys Operating System/3 (OS/3). The documents are organized in a manner that makes it easy to locate and identify them. Section 2 lists the documents alphabetically by title, and Section 3 lists them numerically by document number.

Organization

This overview is organized as follows:

Section 1. General Information

Describes the purpose of the overview, the manner in which the tabular information is presented, the ordering procedures for documentation, and the document numbering system used by Unisys.

Section 2. Alphabetical Listing

Provides a listing of OS/3 documents in alphabetical order, along with a brief description of the content of the document, any updates associated with the document, and a page count.

Section 3. Numerical Listing

Provides a convenient listing of the OS/3 documents in numerical order; this enables you to cross-reference documents if you happen to know only the document number. This section also includes the number of pages.

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Section 1

General Information

The *Library Overview* is a guide to the documents and documentation aids available to users of the Unisys Operating System/3 (OS/3).

1.1. Items Listed in This Overview

This overview lists a variety of available OS/3 documentation, including:

- Software release announcements

- Specification sheets

- User manuals such as overviews, guides, and references

- Coding forms

- Binders

Refer to the *System Index and Publications Guide*, UP-8874, for expanded descriptions of these documentation types and for additional information on the structure of the OS/3 library.

1.2. How the Lists are Organized

This overview consists of two major lists. Both lists provide the titles, document numbers, and page counts of the OS/3 documents, including any available update packages.

Section 2 lists the documents alphabetically by title. This section also contains a brief description of the contents of each item.

Section 3 presents a numerical listing. This section organizes the documents in ascending numerical sequence in the following order:

UD1-   This prefix precedes document numbers for coding forms,
flowchart templates, and similar items.

UP-   This prefix precedes many of the document numbers for
system software and hardware manuals.

Form No.   Form numbers are 7-digit numbers that are assigned to some
of the OS/3 documents, including many of the specification
sheets.

Doc. No.   Document numbers are 11-digit numbers that are assigned to
the most recent documents created for the OS/3 library. These
numbers consist of an 8-digit number with a 3-digit numerical
suffix that denotes the update or revision level.

1.3. Ordering Procedures

In addition to the documents received with your hardware and software products, you
can order additional copies of any OS/3 manual:

- United States customers should call Unisys Direct at 1-800-448-1424.

- All other customers should contact their Unisys Subsidiary Librarian.

- Unisys personnel should use the Electronic Literature Ordering (ELO) system.

1.4. Document Numbering Changes

Unisys now uses an 11-digit number to identify documentation. All new OS/3
documents are created with this 11-digit document number. An existing document will
be assigned an 11-digit number – replacing the current UP or form number – when the
document is revised.

During this transition, you may find that a manual is referenced by more than one
number.

For example, many of the existing OS/3 manuals reference other documents, and not
all these references will reflect recently assigned numbers. In addition, some manuals
may reference a new 11-digit document number that is not yet available.

As individual manuals are revised, any references they contain to other document
numbers will be updated. In the meantime, the list at the end of this section provides
a cross-reference between old UP numbers and recently assigned 11-digit document
numbers.

It is also important to note that this *Library Overview* lists the OS/3 documents by the
number and revision level that is currently available and appropriate for your release
level.

Old Number	New Number	Old Number	New Number
UP-8044	7004 4482-000	UP-9748	7004 4565-000
UP-8076	7004 5190-000	UP-9975	7004 4581-000
UP-8613	7004 4490-000	UP-9976	7004 4599-000
UP-8811	7004 4508-000	UP-9979	7004 4607-000
UP-8834	7004 4516-000	UP-9982	7004 4615-000
UP-8839	7004 5505-000	UP-9985	7004 5224-000
UP-8859	7004 5208-000	UP-9986	7004 4623-000
UP-8870	7004 4524-000	UP-10003	7004 5232-000
UP-8913	7004 4532-000	UP-12443	7004 5240-000
UP-8986	7004 5919-000	UP-12649	7004 4631-000
UP-9744	7004 4540-000	UP-14207	7005 3434-000
UP-9745	7004 4557-000	UP-14208	7005 3442-000

Section 2

Alphabetical Listing

Title and Description	Doc. No.	Pages
ASSEMBLER Software Specification Sheet	1221507	4
ASSEMBLER Programming Guide Describes, for both novice and experienced programmers, the OS/3 basic assembly language (BAL) and its use. Discusses general language concepts, assembler instructions, and programming techniques.	UP-8913	930
UPDATE PACKAGE A This update describes a number of new instructions and jproc enhancements.	UP-8913-A	84
UPDATE PACKAGE B This update adds two privileged instructions (Put IORB and Get IORB).	UP-8913-B	193
UPDATE PACKAGE C This update contains minor technical corrections.	UP-8913-C	133
UPDATE PACKAGE D This update describes changes to the subroutine linkage discussion.	UP-8913-D	8
UPDATE PACKAGE E Includes a new cover, title page, and disclaimer to associate this document with the Unisys corporate identity.	UP-8913-E	8
UPDATE PACKAGE F This update contains minor technical corrections.	UP-8913-F	5

Title and Description	Doc. No.	Pages
ASSEMBLER	UP-8914 R1	380
Programming Reference Manual		

Provides a quick-reference manual for the experienced assembler programmer, summarizing the use of basic assembly language (BAL) instructions, directives, and other language facilities.

ASSEMBLER CODING FORM 8-1/2" 11" (50 SHEETS/PAD)	UD1-1548	
BASIC	1221508	2
Software Specification Sheet		
BASIC	UP-9109 R1	311
Programming Guide		

Describes for the novice programmer the BASIC programming language and its use. Discusses general language concepts and uses of the language. Manual was reformatted for OS/3 Release 13.0; technical content is unchanged.

BASIC	UP-9168 R2	202
Programming Reference Manual		

Describes how an applications programmer uses BASIC to write programs. Covers: an overview of BASIC; definition of constants, variables, expressions, and function references; the statements used to code BASIC programs; how to segment programs; file control; commands; programming techniques; errors and debugging; and operation in a batch environment.

UPDATE PACKAGE A	UP-9168 R2-A	40

Provides new BASIC error messages.

UPDATE PACKAGE B	UP-9168 R2-B	26

Describes the BASIC collating sequence and how BASIC handles lowercase characters.

UPDATE PACKAGE C	UP-9168 R2-C	6

Includes for OS/3 Release 11.0 a new cover, title page, and disclaimer to associate this document with the Unisys corporate identity. Content remains unchanged.

BASIC	UP-9169 R5	26
Programming Reference Handbook		

An easy-to-reference pocket guide for the experienced applications programmer that contains BASIC logon and logoff procedures, syntax conventions, statements and command formats, and language elements. Manual was reformatted for OS/3 Release 13.0; technical content is unchanged.

Title and Description	Doc. No.	Pages
BINDER, THREE RING, FOR 6-1/2" x 8-1/2" PAGES (3/4 inch)	4000 0879-000	
BINDER, THREE RING, FOR 6-1/2" x 8-1/2" PAGES (1 1/2 inch)	4000 0895-000	
BINDER, THREE RING, FOR 6-1/2" x 8-1/2" PAGES (2 inch)	4000 0929-000	
BINDER, THREE RING, FOR 8-1/2" x 11" PAGES (1 inch)	4000 0770-000	
BINDER, THREE RING, FOR 8-1/2" x 11" PAGES (1 1/2 inch)	4000 0788-000	
BINDER, THREE RING, FOR 8-1/2" x 11" PAGES (2 inch)	4000 0796-000	
C COMPILER Software Specification Sheet	1225352	4
C COMPILER Programming Reference Manual	7002 3965-000	475

Provides a description of the OS/3 compiler for System 80. Specific extensions to C as implemented by OS/3 are also documented.

UPDATE PACKAGE 1	7002 3965-010	16

This update contains minor technical corrections.

Title and Description	Doc. No.	Pages
COBOL, 1974 AMERICAN STANDARD Technical Overview Is an easy-to-use explanation of 1974 American National Standard COBOL based on the American National Standards Institute COBOL, ANSI X3.23-1974.	UP-8805	273
UPDATE PACKAGE A Incorporates a minor change.	UP-8805-A	6
UPDATE PACKAGE B Incorporates a minor change.	UP-8805-B	7
UPDATE PACKAGE C Includes for OS/3 Release 11.0 a new cover, title page, and disclaimer to associate this document with the Unisys corporate identity. Content remains unchanged.	UP-8805-C	6
COBOL, 1974 AMERICAN STANDARD Software Specification Sheet	1221509	4
COBOL, 1974 AMERICAN STANDARD Programming Reference Manual Describes 1974 ANS COBOL for the applications programmer. Covers: COBOL character set; data types; character strings; method of reference; the statements permitted in each COBOL division; and statements pertaining to table handling, file processing, sort/merge, library, debugging, interprogram communication, and communications. This revision reformats the document and includes minor technical corrections.	7004 4490-000	530
COBOL, 1974 AMERICAN STANDARD Programming Quick-Reference Guide Provides a quick-look reference for the experienced COBOL applications programmer. Covers: character set; efficiency considerations; statement formats; constants, symbols, expressions, operators, and reserved words; PARAM statement options and checks; the COBL74 jproc; and rules for moving, data item relationships, and PICTURE formatting.	UP-8612 R4	77

Title and Description	Doc. No.	Pages
COBOL, 1985 AMERICAN STANDARD Programming Reference Manual	7002 3940-000	499
Describes the rules for writing COBOL programs compiled by the 1985 American National Standard COBOL compiler and executed under the control of OS/3. Also, a number of extensions to the standard COBOL language, as used by OS/3, are documented.		
UPDATE PACKAGE 1	7002 3940-010	8
This update describes several compiler options that were not originally documented.		
COBOL, 1985 AMERICAN STANDARD Software Specification Sheet	1225351	4
COBOL, 1985 AMERICAN STANDARD Technical Overview	7002 3932-000	93
Summarizes the differences between COBOL 85 and COBOL 74 and provides the following OS/3 specific information: compiler options and listings, IMS action programs, and job control stream requirements.		
UPDATE PACKAGE 1	7002 3932-010	30
This update documents several new PARAM statements (ERRFIL, FIPS, LINSEQ, and SIGNFX) and makes a number of corrections to existing parameters. It adds information on the extended addressing mode capability that allows transactions to run in high memory. This update also contains a number of minor technical corrections.		
COBOL EDITOR (COBEDT) Programming Guide	UP-9974	168
Describes, for both the novice and experienced programmer, the use of the COBOL editor. Enables the programmer to interactively create and modify COBOL source programs.		
UPDATE PACKAGE A	UP-9974-A	6
Includes for OS/3 Release 11.0 a new cover, title page, and disclaimer to associate this document with the Unisys corporate identity. Content remains unchanged.		
COBOL EDITOR, 1974 AMERICAN NATIONAL STANDARD Software Specification Sheet	1221510	2

Title and Description	Doc. No.	Pages
COBOL, EXTENDED Programming Reference	UP-8059 R3	300
Describes Extended COBOL for the applications programmer.		
UPDATE PACKAGE A	UP-8059 R3-A	24
This update contains changes to the job control procedures.		
UPDATE PACKAGE B	UP-8059 R3-B	12
This update includes information on overlapping operands and the APPLY FILE PREPARATION clause.		
UPDATE PACKAGE C	UP-8059 R3-C	8
This update includes a new cover.		
COBOL PROGRAMMING FORM 11" x 16" (50 SHEETS/PAD)	UD1-905	
COBTRN303 Operations Guide	7002 7685-100	42
Provides the descriptions and reference data necessary for using COBTRAN.		
CONSOLIDATED DATA MANAGEMENT Programming Guide	UP-9978 R2	172
Provides, for the system administrator and programmer, a guide of what consolidated data management is and how it handles the movement of data between peripheral devices and programs. Also describes the organization of data files under OS/3 and the formats of the different types of data files, and discusses programming considerations for each type of data file.		
UPDATE PACKAGE A	UP-9978 R2-A	38
This update reflects support for Release 14.0 and the model 50. It also includes information on the 9493H disk and a number of minor technical corrections.		
CONSOLIDATED DATA MANAGEMENT MACROINSTRUCTIONS Programming Guide	UP-9979 R1	229
Describes, for the experienced assembler programmer, the macroinstructions used by consolidated data management, which are used in assembly language programs to define data files and manage the movement of data to and from those files.		
UPDATE PACKAGE A	UP-9979 R1-A	14
This update provides an index.		

Title and Description	Doc. No.	Pages
DATA BASE MANAGEMENT SYSTEM (DMS) Software Specification Sheet	1221512	6
DATA BASE MANAGEMENT SYSTEM (DMS) Quick-Reference Guide A quick-reference summary for the experienced applications programmer.	UP-9009 R5	51
DATA BASE MANAGEMENT SYSTEM (DMS) DATA DESCRIPTION LANGUAGE Programming Reference Manual Describes the schema and subschema DDL used to logically define a data base and its subsets, and the DMCL used to physically define a data base. Familiarity with this manual is a prerequisite for using other DMS manuals. Defines language character set, words, organization, and coding form. Provides lists of reserved words, restricted data and proc names, and indexed location mode information.	UP-8022 R7	151
UPDATE PACKAGE A This update contains minor technical corrections.	UP-8022 R7-A	14
DATA BASE MANAGEMENT SYSTEM (DMS) DATA MANIPULATION LANGUAGE Programming Guide Provides, for the applications programmer, the information needed to develop COBOL programs that access a data base. Contains an overview of the OS/3 data base management system (DMS) and covers the data manipulation language (DML) used to write the programs.	UP-12013 R1	285
DATA BASE MANAGEMENT SYSTEM (DMS) **SYSTEM SUPPORT FUNCTIONS** Programming Guide Describes, for the data base administrator, DMS system support utilities, DMS utility processor language commands executing DMS components, and DMS recovery procedures. Information for OS/3 Release 13.0 includes the addition of components DDLIST,SL$DMS, DMSMnn, the DBINT utility, the COBL85 parameter, and the DBMS statement; a section on multiple DBMS jobs and status section jobs; changes for information on DDL processing; instructions on compiling, linking, and executing programs; DBMS start-up processing, journaling, and quick-before-looks file allocation instructions; and rules on the DUMP command.	UP-10870 R3	366
UPDATE PACKAGE A This update adds Section 9, Index Reorganization Utility (DBRIND).	UP-10870 R3-A	42

DATA UTILITIES   7004 4516-000   160
Operating Guide

Provides, for both novice and experienced programmers, information necessary to use the data utilities. Data utilities are used for reproducing and maintaining data files on disks, diskettes, and tapes. Explains how to execute data utilities interactively and as a batch job.

This revision documents support for the model 50 processor, peripherals, data structures, and architecture. It also includes support for the 9493H disk subsystem.

DATAPAC PUBLIC DATA NETWORK (PDN) SUPPORT (CANADIAN)   1221535   2
Software Specification Sheet

DATEX-L PUBLIC DATA NETWORK (PDN)   1221536   2
Software Specification Sheet

DATEX-P PUBLIC DATA NETWORK (PDN) SUPPORT (GERMAN)   1221537   2
Software Specification Sheet

DCA TERMINATION SYSTEMS   1221538   2
Software Specification Sheet

DDP FILE ACCESS FACILITY   1221534   2
Software Specification Sheet

DDP TRANSFER FACILITY   1221532   2
Software Specification Sheet

DDX-P PUBLIC DATA NETWORK (PDN) SUPPORT (JAPANESE)   UP-9265.37   4
Software Specification Sheet

DIALOG PROCESSOR   UP-8858 R2   39
Programming Guide

Provides the experienced programmer with information on the dialog processor, which is the interface between the dialog (written in the dialog specification language) and the application program using the dialog.

Title and Description	Doc. No.	Pages
DIALOG SPECIFICATION LANGUAGE Programming Guide	UP-8806	234

Describes, for applications programmers, the purpose and use of the dialog
specification language. Explains the declarations and commands that comprise the
language and how they are used to write programs that produce interactive dialogs. Also
covers basic dialog concepts, coding rules, and how to execute the dialog specification
language translator

UPDATE PACKAGE A	UP-8806-A	49

Includes, for OS/3 Release 7.1, // PARAM BACK STROKE and // PARAM RIGHT
BRACKET parameters. Also includes corrections and expanded descriptions applicable
to the dialog specification language prior to OS/3 Release 7.1.

UPDATE PACKAGE B	UP-8806-B	43

Incorporates minor corrections for OS/3 Release 8.0: nested COPY commands; how to
compile bigger dialogs; and output command.

DIALOG SPECIFICATION LANGUAGE TRANSLATOR Software Specification Sheet	UP-9265.6	2
DISTRIBUTED COMMUNICATIONS PROCESSOR (DCP) Transition Guide	7005 1677-000	72

Provides the guidelines and requirements necessary for adding a distributed
communications processor (DCP) to a System 80 configuration.

DISTRIBUTED DATA PROCESSING (DDP) Programming Guide	7004 4508-000	172

Describes, for the system programmer or site administrator, how Unisys defines
distributed data processing, and what products are used to implement that definition.
Also describes, in detail, the use of the various distributed data processing program
products, including the DDP transfer facility and the DDP file access.

This revision was reformatted to reflect Unisys standards. It also provides new
information on options available to users with delegated console privileges, procedures
for releasing held spool files, and a description of the WAIT keyword parameter.

DUMP ANALYSIS
Programming Guide

Discusses, for the system administrator and experienced programmer, the process of analyzing OS/3 dumps. Explains the purpose of various types of dumps, when and how to take them, their formats, and their interpretation. Analyzes a sample dump.

UPDATE PACKAGE A

This update reflects support of Release 14.0 and the model 50. It also an expansion of the operator-initiated SYSDUMP procedures.

EDITOR
Software Specification Sheet

ESCORT PROGRAMMING LANGUAGE
Quick-Reference Guide

An easy-to-reference pocket guide for the experienced ESCORT programmer. Covers: format conventions; language rules; reserved words; statement and command formats; operators; system utility fields; edit codes; and function keys. Also includes UPDATING clause, KEYS parameter, a function key table, expanded descriptions of the function keys, and additional program, structure, and job commands.

UPDATE PACKAGE A

Includes for OS/3 Release 11.0 a new cover, title page, and disclaimer to associate this document with the Unisys corporate identity. Content remains unchanged.

ESCORT PROGRAMMING LANGUAGE
Programming Guide

Describes how an end user and novice applications programmer use the ESCORT programming language to write programs. Covers: an overview of the ESCORT language; starting and terminating ESCORT sessions; operation in interactive tutorial and interactive program modes; ESCORT commands; defining, creating, and manipulating files; program statements; creating and controlling jobs; and creating custom input/output forms.

UPDATE PACKAGE A

Includes for OS/3 Release 9.0 additional information on: cataloging files; using edit codes; using the change data statement; and using the SELECT DATA statement.

UPDATE PACKAGE B

Includes for OS/3 Release 11.0 a new cover, title page, and disclaimer to associate this document with the Unisys corporate identity. Content remains unchanged.

Title and Description	Doc. No.	Pages
DUMP ANALYSIS	UP-9980 R2	157
UPDATE PACKAGE A	UP-9980 R2-A	26
EDITOR	1221515	2
ESCORT PROGRAMMING LANGUAGE	UP-8856 R4	21
UPDATE PACKAGE A	UP-8856 R4-A	6
ESCORT PROGRAMMING LANGUAGE	UP-8855 R3	427
UPDATE PACKAGE A	UP-8855 R3-A	48
UPDATE PACKAGE B	UP-8855 R3-B	6

Title and Description	Doc. No.	Pages
ESCORT PROGRAMMING LANGUAGE Software Specification Sheet	1221513	4
EXTENDED SYSTEM SOFTWARE (ESS) TYPE NUMBER: 6211-XX Software Specification Sheet	1221514	5
FILE CATALOGING Technical Overview Discusses file cataloging and the OS/3 facilities provided for it. For the system administrator or programmers who are authorized to control the use of the system catalog file. This revision deletes references to the MEM parameter on the CAT job control statement since it is no longer supported, and it adds a new Appendix B documenting the format of the $YSCAT file.	7004 4615-000	80
FILE PLACEMENT ANALYZER (FIPLAN) Programming Guide Describes the OS/3 file placement analyzer (FIPLAN), which provides an easy-to-use mechanism for improving system performance. FIPLAN projects an optimized disk file allocation that allows the user to physically relocate files, resulting in balanced disk loads and reduced seek time.	UP-9731 R2	56
FILE PLACEMENT ANALYZER (FIPLAN) Software Specification Sheet	1221530	2
FLOWCHART TEMPLATE AND BOOKLET (REV. 3-73) Contains a plastic flowchart template and instructions on its use.	UD1-723	
FOLDERS: PRINTOUT AND LISTING FOLDER	UD1-787	
FORMS:		
ASSEMBLER CODING FORM 8-1/2" x 11" (50 SHEETS/PAD)	UD1-1548	
COBOL PROGRAMMING FORM 11" x 16" (50 SHEETS/PAD)	UD1-905	
FORTRAN PROGRAMMING FORM 8-1/2" x 14" (50 SHEETS/PAD)	UD1-1156	
KEYPUNCH FORM, GENERAL 11" x 17" (50 SHEETS/PAD)	UD1-1819	
PRINTER, HIGH SPEED, FORMAT SHEET 11" x 16" **(50 SHEETS/PAD)**	UD1-1108	
REPORT PROGRAM GENERATOR PRINTER FORMAT CHART **R. 3-70 8-1/2" x 11" (50 SHEETS/PAD)**	UD1-1628	

Title and Description	Doc. No.	Pages
REPORT PROGRAM GENERATOR II CALCULATION SPECIFICATION FORM 11" x 16" (50 SHEETS/PAD)	UD1-1167	
REPORT PROGRAM GENERATOR II CONTROL CARD AND FILE SPECIFICATION FORM 11" x 16" (50 SHEETS/PAD)	UD1-1166	
REPORT PROGRAM GENERATOR II FILE EXTENSION AND LINE CONTROL SPECIFICATION FORM 11" x 16" (50 SHEETS/PAD)	UD1-1170	
REPORT PROGRAM GENERATOR II INPUT FORMAT SPECIFICATION FORM 11" x 16" (50 SHEETS/PAD)	UD1-1164	
REPORT PROGRAM GENERATOR II OUTPUT FORMAT SPECIFICATION FORM 11" x 16" (50 SHEETS/PAD)	UD1-1165	
REPORT PROGRAM GENERATOR II TELECOMMUNICATIONS SPECIFICATION FORM 11" x 16" (50 SHEETS/PAD)	UD1-1171	
TECHNICAL QUESTIONS, QUESTION AND ANSWER FORM 8-1/2" x 11" (50 SHEETS/PAD)	UD1-1195	
FORTRAN PROGRAMMING FORM 8-1/2" x 14" (50 SHEETS/PAD)	UD1-1156	
FORTRAN 77 Software Specification Sheet	1221517	2
FORTRAN 77 Programming Guide	UP-14179	300

Describes FORTRAN 77 and explains how to use it. FORTRAN 77 includes all the FORTRAN language extensions and improvements as defined in the American National Standards Institute language standard publications ANSI X3.9-1978. This guide explains all FORTRAN 77 statements, describes their format and purpose, and gives examples of their use. It also describes program compilation, linkage, and execution; compiler diagnostic messages; and job control stream creation.

FORTRAN IV Software Specification Sheet	1221516	4

Title and Description	Doc. No.	Pages
FORTRAN IV Quick-Reference Guide	UP-8815	63

A quick look-up summary for the experienced FORTRAN IV applications programmer. Covers: statement formats; data types; expression modes and evaluation; syntax conventions; format codes; standard functions and subroutines; and how to compile, link, and execute programs.

UPDATE PACKAGE A	UP-8815-A	6

Includes, for OS/3 Release 8.0, the // PARAM ERRFIL parameter for using the error file processor with FORTRAN IV.

UPDATE PACKAGE B	UP-8815-B	6

Includes for OS/3 Release 11.0 a new cover, title page, and disclaimer to associate this document with the Unisys corporate identity. Content remains unchanged.

GENERAL EDITOR (EDT) Operating Guide	7004 4599-000	298

Describes the commands and procedures needed to use the OS/3 general editor. Can be used to create and modify library modules and data files interactively from a workstation, and to copy and concatenate files. For all levels of users.

This revision reformats the manual and includes some minor technical changes.

IBERPAC PUBLIC DATA NETWORK SUPPORT Software Specification Sheet	1221554	2
IBM EMULATOR Software Specification Sheet	1221541	2
IBM 3270 REMOTE TERMINAL HANDLER Software Specification Sheet	1221540	2

ICAM (See also Integrated Communications Access Method)

ICAM TERMINAL SUPPORT FACILITY Software Specification Sheet	1221542	2

IMS (See also Information Management System)

IMS - MULTITHREAD Software Specification Sheet	1221519	4
IMS-DDP TRANSACTION FACILITY (MULTITHREAD) Software Specification Sheet	1221518	4

Title and Description	Doc. No.	Pages
IMS/DMS INTERFACE Programming Guide	UP-8748 R2	134

Describes how an applications programmer can use IMS to access DMS files. Includes
IMS/DMS preparation, start-up, and shutdown; transaction processing; writing
DML/COBOL action programs, using defined record management to access DMS files;
and file recovery. Contains a complete example.

UPDATE PACKAGE A	UP-8748 R2-A	10

This update provides an index.

UPDATE PACKAGE B	UP-8748 R2-B	36

This update deletes material that pertains to single-thread IMS, which is no longer
supported.

INDEPENDENT SORT/MERGE Programming Guide	UP-8819 R3	171

A guide for the experienced programmer. Describes the structure of the independent
sort/merge utility, the statements the programmer uses to create sort specifications,
and information on running the sort/merge utility.

UPDATE PACKAGE A	UP-8819 R3-A	8

This update contains minor technical corrections.

UPDATE PACKAGE B	UP-8819 R3-B	18

This update adds data capacity and access speed information for the 9493H disk
subsystem. It also adds a description of the disk work file space expansion
enhancement.

INFORMATION MANAGEMENT SYSTEM (See also IMS)

INFORMATION MANAGEMENT SYSTEM (IMS) Operations Guide	UP-12027 R1	134

Describes how terminal operators enter and receive messages at terminals. Also
includes standard terminal commands, master terminal commands, transaction codes,
error messages, and IMS administrator information.

Title and Description	Doc. No.	Pages

INFORMATION MANAGEMENT SYSTEM (IMS)
Technical Overview

UP-9205 R1   213

Provides a general description of IMS and its features for an applications programmer.
Covers: general overview; IMS environment; action programming; generating IMS;
starting and ending IMS sessions; file handling; IMS and DDP; IMS access of DMS files;
batch processing of transactions; defined record management; UNIQUE; and various
utilities such as continuous output, output-for-input, snapshot dump, and downline
loading.

UPDATE PACKAGE A

UP-9205 R1-A   11

This update deletes Section 14, which describes the security feature. This feature is no
longer supported.

INFORMATION MANAGEMENT SYSTEM (IMS) ACTION PROGRAMS IN RPG II
Programming Guide

UP-9206   289

Describes how an applications programmer writes IMS action programs in RPG II.
Covers: general rules for coding RPG II action programs; assessing RPG II/IMS interface
areas; handling input messages; creating and sending output messages; using internal
subroutines; using screen format services; multiple output; output-for-input; continuous
output; output with message switching; operating in a DDP environment; compiling,link-
ing, & storing programs; debugging action programs; error codes; & coding restrictions.

UPDATE PACKAGE A

UP-9206-A   8

Provides guidelines for defining local workstation program information block/buffer size.

UPDATE PACKAGE B

UP-9206-B   16

Expands the description of CALL SEND for output-for-input queueing and documents a
restriction in using a screen bypass device.

UPDATE PACKAGE C

UP-9206-C   35

Includes for OS/3 Release 9.0 an expanded description for configuring the work area
when using screen format services and for using multikey MIRAM files.

UPDATE PACKAGE D

UP-9206-D   69

Describes for OS/3 Release 11.0 how to define, use, and release the transaction buffer
area in an RPG II program, and how to use auxiliary-device-id fields to clear ICAM output
message queues. Includes new cover, title page, and disclaimer to reflect the Unisys
corporate identity.

Title and Description	Doc. No.	Pages

INFORMATION MANAGEMENT SYSTEM (IMS) COBOL/ASSEMBLER ACTION PROGRAMS — UP-9207 R2 — 625

Programming Guide

Describes how an applications programmer can write IMS action programs in COBOL and BAL. Covers: interface with IMS; handling input messages; processing data files; generating and sending output messages; using screen format services; calling subprograms; operating in a DDP environment; various utilities such as downline loading and line disconnect; how to compile, link, and store action programs; error diagnostics; how to debug action programs; how to acquire and release transaction buffers; and how a new feature allows an IMS action program to clear ICAM queues.

UPDATE PACKAGE A — UP-9207 R2-A — 25

This update contains minor technical corrections.

INFORMATION MANAGEMENT SYSTEM (IMS) DATA DEFINITION AND UNIQUE — UP-9209 R1 — 238

Operating Guide

Describes how the applications programmer uses defined record management and UNIQUE to create and access new data files from existing data files. Covers: defined file structure; how to write data definitions; the data definition processor; reserved words; error diagnostics; and the UNIQUE commands.

INFORMATION MANAGEMENT SYSTEM (IMS), SYSTEM SUPPORT FUNCTIONS — UP-11907 R1 — 372

Programming Guide

Describes, for the site administrator, how to configure and generate IMS.
Covers: system generation considerations; generating the integrated communications access method (ICAM) symbiont; preparation for and configuration of IMS; initiating and terminating IMS; and data file recovery.

Title and Description	Doc. No.	Pages
INSTALLATION VERIFICATION PROCEDURES (IVP) Operating Guide	7004 5232-000	206

Describes the procedures used by the system administrator to verify that OS/3 software products are properly installed and ready for use. Each procedure lists the execution requirements, operating instructions, expected verification status, and error handling techniques for installation verification. These procedures are run at the conclusion of software installation or whenever a new software product is installed.

This revision reflects support of Release 14.0 and the model 50.

INTEGRATED COMMUNICATIONS ACCESS METHOD
(See also ICAM and MODELS for model-specific ICAM manuals)

Title and Description	Doc. No.	Pages
INTEGRATED COMMUNICATIONS ACCESS METHOD (ICAM) Technical Overview	7004 4540-000	274

Provides an overview of ICAM for the applications programmer. Also of interest to site administrators planning communications systems. Covers: structure and capabilities of ICAM; line and terminal support; buffers and queues; message processing procedure specifications (MPPS); global networks; reporting and journaling facilities; coding conventions; and a listing of all ICAM statements and macroinstructions cross-referenced to the manual in which they are described.

This revision includes expanded coverage for DCPs and information on additional ICAM trace facility (ITF) features.

Title and Description	Doc. No.	Pages
INTEGRATED COMMUNICATIONS ACCESS METHOD (ICAM), COMMUNICATIONS PHYSICAL INTERFACE (CPI) Programming Guide	UP-9746	142

Describes how an experienced communications applications programmer uses the ICAM communications physical interface to write a communications program at the physical level. Discusses loading the communications adapter, chaining control packets, obtaining diagnostics and CPIOCS trace tables, reading communications adapter words and tables, using automatic input buffering, and summarizes SLCA features.

UPDATE PACKAGE A	UP-9746-A	6

Includes, for OS/3 Release 11.0, a new cover, title page, and disclaimer to associate this document with the Unisys corporate identity. Content remains unchanged.

Title and Description	Doc. No.	Pages

INTEGRATED COMMUNICATIONS ACCESS METHOD (ICAM), DIRECT DATA INTERFACE (DDI)
User Guide

UP-8549 R4 — 176

Describes how an experienced applications programmer can write a DDI communications program in basic assembly language (BAL). Covers: the macroinstructions used to code the program; message control table fields; special considerations when using DDI; error conditions; screen control; and remote terminal characteristics.

UPDATE PACKAGE A

UP-8549 R4-A — 66

Includes, for OS/3 Release 8.0, a new keyword for the NETREQ macroinstruction and expanded descriptions and corrections for the software prior to release 8.0.

INTEGRATED COMMUNICATIONS ACCESS METHOD (ICAM), INTERFACING A REMOTE DEVICE HANDLER
Programmer Reference

UP-8424 — 133

Describes how a systems programmer can interface a remote device handler (RDH) for a nonsupported terminal to ICAM. Starts with a description of handler interfaces, then guides reader in changing a design to one that can handle the nonsupported terminals. Covers: common structure; handler conventions; ICAM and handler interfaces; status codes; console messages; a functional description of interactive and batch handlers; considerations for new handlers; common routines; and the ICAM subroutines and macroinstructions used by handlers.

INTEGRATED COMMUNICATIONS ACCESS METHOD (ICAM) REMOTE TERMINAL PROCESSOR (RTP)
Programming Guide

UP-10047 — 80

Discusses how to generate and use RTP to provide remote job entry capabilities for the OS/3 user to IBM host processors. Discusses: concepts, functions, and structure of RTP; installing, generating, and executing RTP; console commands; communicating with the host; and format and structure of RTP messages.

UPDATE PACKAGE A

UP-10047-A — 78

Documents the following: sample RTP program generation, vertical format buffers generation, RTP program execution, virtual terminal activation, change form or VFB name in the printer spool file (FB), job stream format and transmission, tape control statement (DD), PR#06 message from the printer services routine (PR), and OS/3-IBM host message formats.

UPDATE PACKAGE B

UP-10047-B — 6

Includes for OS/3 Release 11.0 a new cover, title page, and disclaimer to associate this document with the Unisys corporate identity. Content remains unchanged.

Title and Description	Doc. No.	Pages

INTEGRATED COMMUNICATIONS ACCESS METHOD (ICAM), STANDARD MCP INTERFACE

Programming Guide

| | UP-8550 R5 | 328 |

Describes how an application programmer can write a BAL communications program that employs the standard MCP interface. Covers: an overview of the interface; a description of the macroinstructions used to write the programs; the characteristics of the terminals supported by this interface; control packets; error conditions; and work areas.

UPDATE PACKAGE A   UP-8550 R5-A   122

Contains for OS/3 Release 8.0: addition of the GAWAKE parameter list; how to write a dynamic session program; a working example of a dynamic session program; running a dynamic session program via interactive services; and guidelines for using the IBM 3270 emulator.

UPDATE PACKAGE B   UP-8550 R5-B   47

Contains for OS/3 Release 8.2: output delivery notice request (ODNR); auxiliary device status codes for UTS 4000 devices; enhancement to ICAM's IBM 3270 Emulator.

UPDATE PACKAGE C   UP-8550 R5-C   6

Includes for OS/3 Release 11.0 a new cover, title page, and disclaimer to associate this document with the Unisys corporate identity. Content remains unchanged.

INTEGRATED COMMUNICATIONS ACCESS METHOD (ICAM), UTILITIES   7004 4565-000   230

Programming Guide

Describes the following ICAM utilities: ICAM device emulation system; remote batch processing; journal utility; COBOL message control system; single-line communications adapter dump routine; ICAM trace facility; and ICAM edit dump. A description for initiating a job to transcribe TELCON generation to an OS/3 file is also documented.

This revision reflects support of Release 14.0 and the model 50. It includes support for IDES, RBP, and RPG II telecommunications applications on an STDMCP interface in global ICAM networks that include a DCP.

Title and Description	Doc. No.	Pages
INTERACTIVE SERVICES	UP-9972 R2	286
Operating Guide		
Describes the procedures used to communicate with OS/3 interactively through a workstation or terminal.		
UPDATE PACKAGE A	UP-9972 R2-A	60
This update documents support for the logo generator (LGEN) command, which lets a user create an alternate workstation logo to be displayed on the workstation screen prior to logon. It also contains minor technical corrections.		
INTERACTIVE SERVICES COMMANDS AND FACILITIES	UP-9973 R1	168
Programming and Operations Quick-Reference Guide		
Provides a quick reference that includes commands, information on logon, and ICAM sign-on procedures. Summarizes the general editor commands and how to initialize the various interactive facilities, such as the screen format generator. Discusses the interactive services feature to downline load a program to a UTS 40 workstation.		
UPDATE PACKAGE A	UP-9973 R1-A	28
This update provides an index and a set of tab breakers. The content of the manual remains unchanged.		
UPDATE PACKAGE B	UP-9973 R1-B	35
For OS/3 Release 13.0, this update documents support for the M9720 disk subsystem.		
JOB CONTROL	7004 4623-000	334
Programming Guide		
Describes the OS/3 job control and explains how it is used. Includes detailed explanations of the various statements and procedures.		
This revision reflects support of Release 14.0 and the model 50. It also contains a number of technical corrections and additions. These include enhancements to spooling and the addition of a number JPROCS (CCOMP, COBL85, FOR77, and PASCAL).		

Title and Description	Doc. No.	Pages
JOB CONTROL	UP-9984 R2	258
Programming Reference Manual		

Used for reference. Provides the formats for the OS/3 job control language, statements, and procedures.

UPDATE PACKAGE A	UP-9984 R2-A	136

This update reflects support of Release 14.0 and the model 50. It also contains a number of technical corrections and additions. These include enhancements to spooling and the addition of a number JPROCS (CCOMP, COBL85, FOR77, and PASCAL).

KEYPUNCH FORM, GENERAL 11" x 17" (50 SHEETS/PAD)	UD1-1819	

LIBRARY OVERVIEW	7004 5919-000	70

Provides a guide to the available OS/3 documents and documentation aids. Documents are listed in alphabetic order and numeric order. This revision provides an updated list for OS/3 Release 14.0, which includes support for the System 80 model 50.

MAPPER 80 FORMS GENERATION AND UTILITIES	UP-9736 R1	168
Programming Guide		

Describes how to generate report forms and create reports. Also discusses MAPPER 80 utilities and their use, with or without your own code.

UPDATE PACKAGE A	UP-9736 R1-A	19

Several minor changes; also, the document title has been changed from a user guide to a programming guide to conform to Unisys standards.

UPDATE PACKAGE B	UP-9736 R1-B	11

This update contains minor technical corrections.

MAPPER 80 MANUAL FUNCTIONS	UP-9735 R1	196
Programming Guide		

Describes MAPPER 80 manual functions and provides examples of their use. Reports used in the examples are from the self-training data base supplied with the MAPPER 80 system; this allows the user to practice the manual functions while using this manual.

UPDATE PACKAGE A	UP-9735 R1-A	15

Several minor changes; also, the document title has been changed from a user guide to a programming guide to conform to Unisys standards.

Title and Description	Doc. No.	Pages
MAPPER 80 RUN FUNCTIONS Programming Guide Describes the MAPPER 80 run functions by providing an overview of what is required for run creation, debugging and registration, and execution. Also explains: conventions and run design considerations, processing reports and results, and workstation operation.	UP-9734 R1	140
UPDATE PACKAGE A Several minor changes; also, the document title has been changed from a user guide to a programming guide to conform to Unisys standards.	UP-9734 R1-A	15
MAPPER 80 SYSTEM Software Specification Sheet	1221553	2
MAPPER 80 SYSTEM Administration and Operations Guide Describes the following features of the MAPPER 80 software: preparation of job control streams; unsolicited operator commands; system messages; MAPPER 80 coordinator functions; software installation and modification; and data base considerations.	UP-9737 R2	107
UPDATE PACKAGE A Several minor changes; also, the document title has been changed from a user guide to an administration and operations guide to conform to Unisys standards.	UP-9737 R2-A	15
UPDATE PACKAGE B This update includes changes to the MAPDBINT and MAPINT1 job streams. It also explains how to acquire valid DMS depart statistics and includes a new appendix that details the procedures for installing MAPPER 80 Version 3.0.	UP-9737 R2-B	23
MENU GENERATOR Software Specification Sheet	1221521	2
MENU SERVICES Technical Overview Describes, to both novice and experienced programmers, the concepts and use of OS/3 menus. Describes how menus can be used with assembly, COBOL, RPG II, and FORTRAN IV programs.	UP-9317 R1	134
UPDATE PACKAGE A Includes for OS/3 Release 11.0 a new cover, title page, and disclaimer to associate this document with the Unisys corporate identity. Content remains unchanged.	UP-9317 R1-A	6

Title and Description	Doc. No.	Pages
MODEL 7E Specification Sheet Provides a brief overview of the features and operating characteristics of the System 80 model 7E.	1225356 R1	6
MODEL 7E CAPABILITIES OVERVIEW Describes the capabilities and features of the System 80 model 7E. It includes information on both the hardware and software components.	7004 1785-000	89
MODEL 7E CENTRAL EQUIPMENT COMPLEX Operating Guide Provides information required to operate the model 7E central equipment complex and associated peripherals. The guide provides information on operator controls and indicators, powering on/off the system, fault conditions and recovery actions, tape drive operating procedures, and operator-performed maintenance procedures.	7002 3825-000	116
MODEL 7E CENTRAL EQUIPMENT COMPLEX Programming Reference Manual Provides hardware design, operations, and programming information for components of the System 80 model 7E central equipment complex.	7002 3817-000	206
UPDATE PACKAGE 1 This update provides an index.	7002 3817-010	15
MODEL 7E CONFIGURATOR Provides the information necessary to properly configure and order a model 7E system. Includes information on hardware and software components.	1225355	55
MODEL 7E HARDWARE AND SOFTWARE Programming Quick-Reference Guide Provides basic programming information related to both the hardware and the operating system for the System 80 model 7E. The information, which is presented in summary form, includes programming formats, the OS/3 instruction repertoire, and peripheral device sense data.	7002 3833-000	179
MODEL 7E OS/3 INSTALLATION GUIDE Provides the system administrator with information and procedures necessary to install, tailor, and maintain OS/3 on a System 80 model 7E.	7002 3858-100	223

Title and Description	Doc. No.	Pages
MODEL 7E INTEGRATED COMMUNICATIONS ACCESS METHOD (ICAM) Operations Guide This guide is one of a series to guide you in programming and using ICAM with OS/3 on a model 7E. It describes how to define an ICAM network, create a communications symbiont, and how to start up ICAM terminals.	7002 3908-000	327
MODEL 7E OPERATIONS Quick-Reference Guide Provides a quick-reference guide for system administrators, operators, and programmers that summarizes the OS/3 procedures and commands for the System 80 model 7E.	7002 3882-000	157
MODEL 7E OPERATIONS GUIDE Instructs and guides the system operator who has a basic knowledge of operations, but who may not be familiar with Unisys systems. It describes the hardware configuration of the System 80 model 7E and presents procedures for initializing the system. It also covers all commands and procedures used within the OS/3 environment.	7002 3866-100	324
MODEL 7E SOFTWARE TRANSITION Specification Sheet Provides a brief overview of the transition process to a System 80 model 7E.	7003 4376-000	6
MODEL 7E SYSTEM CONSOLE Operating Guide This guide introduces the System 80 model 7E system console and related windows and full-screen applications. It also defines basic operating procedures performed from the system console.	7004 1777-000	56
MODEL 7E TRANSITION GUIDE Describes the process of moving to a System 80 model 7E from a Series 90 or other model System 80. It provides an overview of the transition process and highlights the major steps involved. In particular, the following transitions are discussed: SYSGEN, ICAM networks, IMS systems, DMS, screen formats, BEM EDT, procedures, data files, converting source programs, and descriptions of band printers used.	7002 3874-000	96
UPDATE PACKAGE 1 This update contains information for converting to the Transaction Platform System (TPS).	7002 3874-010	11

Title and Description	Doc. No.	Pages
MODELS 8/10/20 CUSTOMER SETUP PERIPHERALS Installation Guide	UP-9644 R2	59
Describes how to unpack, install, and verify the System 80 models 8, 10, and 20 customer setup (CSU) equipment.		
MODELS 8/10/20 CUSTOMER SETUP PERIPHERALS Planning Guide	UP-9637 R2	71
Contains information on planning a site for the System 80 models 8, 10, and 20 customer setup (CSU) peripherals.		
MODELS 8-20 HARDWARE AND SOFTWARE Quick-Reference Guide	UP-8868 R3	391
A quick-reference manual intended for use by the experienced programmer when detecting hardware errors and performing dump analysis. Summarizes machine instructions, supervisor related information, physical input/output control system (PIOCS) information, and I/O sense data byte definitions.		
UPDATE PACKAGE A	UP-8868 R3-A	43
For OS/3 Release 13.0, reflects support of the M9720 disk subsystem.		
UPDATE PACKAGE B	UP-8868 R3-B	8
This update contains minor technical corrections.		
MODELS 8-20 OS/3 INSTALLATION GUIDE	UP-8839 R8	289
Provides the system administrator with information and procedures necessary to install, tailor, and maintain OS/3 software in a System 80 models 8/10/15/20 environment.		
UPDATE PACKAGE A	UP-8839 R8-A	22
This update contains a number of technical corrections and additions.		
MODELS 8-20 INTEGRATED COMMUNICATIONS ACCESS METHOD (ICAM) Operations Guide	UP-9745 R3	437
Describes how an applications programmer creates the ICAM symbiont that supports communications on a System 80 models 8/10/15/20. The manual explains the ICAM interfaces and types of networks; how to prepare a network definition; the macroinstructions used to create networks; and how to generate, load, and run ICAM.		
UPDATE PACKAGE A	UP-9745 R3-A	14
This update clarifies the relationship between the EXPFACT and the BPOOLEXP specifications. It also identifies the default value for the 3277 specification defined by the TERM macro.		

Title and Description	Doc. No.	Pages

MODELS 8-20 OS/3 OPERATIONS
  Quick-Reference Guide   UP-9985 R1   171

Provides a quick-reference guide for system administrators, operators, and
programmers that summarizes the OS/3 procedures and commands for the System 80
models 8/10/15/20.

UPDATE PACKAGE A   UP-9985 R1-A   14

This update provides an index and its tab breaker. The content of the manual remains
unchanged.

UPDATE PACKAGE B   UP-9985 R1-B   51

This update documents the changes and additions for OS/3 Release 13.0. Additions are:
the CJ and the SET VC commands. The PAUSE, STOP, SET AL, STATUS commands
were enhanced. Changes were made to the job control commands, ICAM messages, and
interactive services commands.

MODELS 8-20 OS/3 OPERATIONS GUIDE   UP-8859 R5   301

Instructs and guides the system operator who has a basic knowledge of operations, but
who may not be familiar with Unisys systems. It describes the hardware configuration of
each of the System 80 models 8-20 and presents procedures for initializing the system.
It also covers all commands and procedures used within the OS/3 environment.

UPDATE PACKAGE A   UP-8859 R5-A   30

This update provides an index and a set of tab breakers. The content of the guide
remains unchanged.

UPDATE PACKAGE B   UP-8859 R5-B   98

This update for OS/3 Release 13.0 incorporates the following: changes to the CJ, SET
VC, PAUSE, STOP, ST, and VTP commands; changes to ONUERL and ICAM; addition of
data for the M9720 disk subsystem.

UPDATE PACKAGE C   UP-8859 R5-C   25

This update documents enhancements to the DELETE and MIX SQ commands and
contains other minor technical corrections.

Title and Description	Doc. No.	Pages

MODELS 8/10/15/20 PROCESSOR
Programming Reference Manual

Provides hardware design, operations, and programming information for components of
the processor complex for each of the System 80 models 8, 10, 15, and 20. Includes
configurations of peripheral equipment.

UP-9692 R3   247

MODELS 8/10/15/20 PROCESSOR AND CENTRAL PERIPHERALS
Operating Guide

Provides information required to operate the models 8, 10, 15, and 20 processors and
the peripheral equipment required for minimum system configuration. Operator control
panels are illustrated and described, as well as set-up procedures required to initiate
operation of the system and peripheral equipment.

UP-9608 R2   252

UPDATE PACKAGE A

For OS/3 Release 13.0, provides information for the M9720 disk subsystem.

UP-9608 R2-A   22

MODELS 8/10/15/20 PROCESSOR COMPLEX CONTROLLERS
Programming Reference Manual (Volume 1)
Controllers of the Selector Channel and Byte Multiplexer

Provides information on hardware design, operations, and programming information to
assist in programming peripheral subsystems integrated with System 80 models 8, 10,
15, and 20.

UP-9607 R3   243

MODELS 8/10/15/20 PROCESSOR COMPLEX CONTROLLERS
Programming Reference Manual (Volume 2)
Controllers and Communications Channels of the I/O Processor

Provides hardware design, operations, and programming information to assist in
programming peripheral devices and communications attachments integrated with the
System 80 models 8, 10, 15, and 20.

UP-9732 R2   498

UPDATE PACKAGE A

Reflects support of the distributed communications processors (DCPs) and provides
minor technical corrections.

UP-9732 R2-A   9

MODELS 10-20 CAPABILITIES OVERVIEW

Describes the hardware and software of the System 80 models 10-20 data processing
systems. Includes information on the following: LINC II and MAPPER system fourth
generation languages, COBOL 85 and C, and the 9246-25 printer and the M9720 disk
subsystem.

UP-12443 R3   116

Title and Description	Doc. No.	Pages
MODELS 10/15/20 MIGRATION GUIDE	UP-12649 R1	87

Describes how to migrate from a Series 90 (90/25, 90/30, 90/30B, and 90/40) or System 80 (models 3-6 and 8) to a System 80 models 10/15/20. Discusses system generation, data management, language products, ICAM, and data base products.

MODEL 50	7004 4284-000	4

Specification Sheet

Provides a brief overview of the features and operating characteristics of the System 80 model 50.

MODEL 50 BASIC OPERATIONS GUIDE	7004 1934-000	160

Provides the basic information needed to operate the System 80 model 50. It contains the formats for all commonly used commands and abbreviated descriptions for the commonly used system operating procedures.

MODEL 50 CAPABILITIES OVERVIEW	7004 1827-000	74

Describes the capabilities and features of the System 80 model 50. It includes information on both the hardware and software components.

MODEL 50 CENTRAL EQUIPMENT COMPLEX	7004 1843-000	174

Programming Reference Manual

Provides detailed programming reference material on the components of the central equipment complex: the basic processing unit, input/output subsystem, system control processor, and the main memory unit. It includes basic descriptions of these components and specific information on topics such as operations control, machine check control, and the input/output status tabler.

MODEL 50 CONFIGURATOR	7004 1959-000	32

Provides the information necessary to properly configure and order a model 50 system. Includes information on hardware and software components.

MODEL 50 DETAILED OPERATIONS GUIDE	7004 1942-000	265

Provides the information needed to operate the System 80 model 50. This guide presents a detailed description of the model 50 operating environment and procedures.

Title and Description	Doc. No.	Pages

MODEL 50 HARDWARE AND SOFTWARE
Programming Quick-Reference Guide

7004 1868-000 — 216

Provides a summary of detailed programming reference material related to both the hardware and operating system of the model 50. It includes the machine code instruction set and sense data for the supported peripherals.

MODEL 50 INTEGRATED COMMUNICATIONS ACCESS METHOD (ICAM)
Operations Guide

7004 1967-000 — 180

This guide is one of a series to guide you in programming and using ICAM with OS/3 on a model 50. It describes how to define an ICAM network, create and load a communications symbiont, and start sessions from terminals. Reference information is also provided for a Telcon network definition, which must be compatible with the ICAM network definition.

MODEL 50 OS/3 INSTALLATION GUIDE

7004 1892-000 — 184

Provides the information and procedures necessary to install, generate, and maintain OS/3 software on the System 80 model 50.

M9720 SUPPORT FOR SYSTEM 80 MODEL 8
Software Specification Sheet

7004 5265-000 — 2

Provides a brief overview of the features and operating characteristics of the M9720 disk subsystem on the System 80 model 8. Includes information on software requirements.

NINE THOUSAND REMOTE (NTR)
Software Specification Sheet

1221539 — 4

NORDIC PUBLIC DATA NETWORK (PDN) SUPPORT
Software Specification Sheet

UP-9265.48 R1 — 4

NTR UTILITY
Programming Guide

UP-9502 R3 — 118

Describes the NTR utility, which permits a System 80 system to operate as a remote job entry/batch terminal to a Series 1100 system via ICAM.

Title and Description	Doc. No.	Pages
ON-LINE EXTRACT Software Specification Sheet	UP-10990 R1	2
ONLINE DIAGNOSTICS AND MAINTENANCE Software Specification Sheet	1221522	4
OPERATING SYSTEM/3 (OS/3) RELEASE 14.0 Software Release Announcement Announces the availability of the OS/3 Release 14.0 and describes the release enhancements. It also contains information on hardware and software support. Includes guidelines and restrictions.	7004 1991-000	
OS/3 MAPPER 5 FILE TRANSFER Software Specification Sheet	1221547	2
OS/3 MAPPER 5 HANDLER Software Specification Sheet	1221555	2
OS/3-MAPPER 5 SYSTEM CONNECTIVITY Operating Guide Describes how the MAPPER 5 file transfer facility (MP5FTP) and the MAPPER 5 remote device handler (MAP5RDH) work together to permit users to transfer files between the OS/3 and MAPPER 5 systems.	UP-12407	56
UPDATE PACKAGE A This update contains minor technical corrections.	UP-12407-A	3

Title and Description	Doc. No.	Pages
OS/3 ON-LINE DISK (OLDISK) Software Specification Sheet	1221549	2
OS/3 ON-LINE TRANSFER (OLTRAN) Software Specification Sheet	1221548	2
OS/3 - PC CONNECTIVITY Operating Guide Provides step-by-step instructions for a novice user to install, connect, and use a PC with OS/3. This revision reflects support for Release 14.0 and the model 50.	7005 3442-000	30
OS/3 TO UNIX O/S CONNECTIVITY Software Specification Sheet	1221550	2
OS/3 TO UNIX CONNECTIVITY Operating Guide Provides step-by-step instructions for the novice user to install, connect, and use the System 80 in an OS/3 - UNIX environment. This revision reflects support of Release 14.0 and the model 50.	7005 3434-000	34
OS/3 TO UNIX O/S FILE TRANSFER Software Specification Sheet	1221551	4
PASCAL Programming Reference Manual For the experienced Pascal programming language programmer. Provides a description of the Pascal definitions, expressions, statements, procedures, and functions. Also includes information for compiling and executing programs and handling errors.	UP-14178	200
PASCAL Software Specification Sheet	1221531	2
PC FILE TRANSFER UTILITY (PCTRAN) Software Specification Sheet	1221552	2

Title and Description	Doc. No.	Pages
PC ON-LINE SOFTWARE Guide to On-Line Disk for the OS/3 User Provides an overview of on-line disk and describes procedures for using OS/3 files as diskettes or hard disks transparent to the PC.	UP-12406	85
PC ON-LINE SOFTWARE Guide to On-Line Extract for the OS/3 User Describes for the PC user how to extract data from MAPPER 5 System reports in OS/3 pass-through mode.	UP-12031	62
PC ON-LINE SOFTWARE Guide to On-Line Transfer for the OS/3 User Provides an overview of on-line transfer (OLTRAN) and describes procedures for transferring ASCII files between a Unisys PC and OS/3. .	UP-11954	60
PRESENTATION FOLDER	UD1-572	
PRINTER, HIGH SPEED, FORMAT SHEET 11" x 16" (50 SHEETS/PAD)	UD1-1108	
PSS PUBLIC DATA NETWORK (PDN) SUPPORT (UNITED KINGDOM) Software Specification Sheet	1221544	2
REMOTE TERMINAL PROCESSING (RTP) SUPPORT Software Specification Sheet	1221545	2
REPORT PROGRAM GENERATOR PRINTER FORMAT CHART **R. 3-70 8-1/2" x 11" (50 SHEETS/PAD)**	UD1-1628	
REPORT PROGRAM GENERATOR II (RPG II) Programming Reference Manual A quick reference for applications programmers familiar with OS/3 RPG II. Covers: specifications forms; indicators; automatic services for printed reports; collating and file translation; subroutines; IMS action programs; program execution; auto report; compilation time; and auto report error messages. This revision includes a number of new operations added to the RPG II calculation specifications and two new special field names (*IN and *INxx) which allow references to RPG II indicators. It also incorporates the existing update packages.	7004 4482-000	298

Title and Description	Doc. No.	Pages
REPORT PROGRAM GENERATOR II (RPG II) Programming Guide	UP-8067 R7	910
Describes RPG II and its effective use for the novice applications programmers and experienced applications programmers not familiar with Unisys systems. Discusses general concepts and program logic, file organization, record and data formats, RPG II specifications forms, telecommunications, and how to compile, link, and execute a user program.		
REPORT PROGRAM GENERATOR II (RPG II) Reference Card	UP-8253 R5	1
Summarizes the RPG II specification formats; indicator definitions, use, and settings; calculation operations; and error messages. Pocket-sized.		
REPORT PROGRAM GENERATOR II CALCULATION SPECIFICATION FORM **11" x 16" (50 SHEETS/PAD)**	UD1-1167	
REPORT PROGRAM GENERATOR II CONTROL CARD AND FILE SPECIFICATION FORM **11" x 16" (50 SHEETS/PAD)**	UD1-1166	
REPORT PROGRAM GENERATOR II FILE EXTENSION AND LINE CONTROL **SPECIFICATION FORM 11" x 16" (50 SHEETS/PAD)**	UD1-1170	
REPORT PROGRAM GENERATOR II (RPG II) GROUP Software Specification Sheet	1221523	4
REPORT PROGRAM GENERATOR II INPUT FORMAT SPECIFICATION FORM **11" x 16" (50 SHEETS/PAD)**	UD1-1164	
REPORT PROGRAM GENERATOR II OUTPUT FORMAT SPECIFICATION FORM **11" x 16" (50 SHEETS/PAD)**	UD1-1165	
REPORT PROGRAM GENERATOR II TELECOMMUNICATIONS SPECIFICATION FORM **11" x 16" (50 SHEETS/PAD)**	UD1-1171	
REPORT PROGRAM GENERATOR II (RPG II) EDITOR Operations Guide	UP-9981	96
Describes how the RPG II programmer can use the RPG II editor to create and maintain RPG II source programs interactively from a workstation. Also lists the general editor commands available through the RPG II editor and describes how to use the general editor to store and compile the finished program.		
UPDATE PACKAGE A	UP-9981-A	6
Includes for OS/3 Release 11.0 a new cover, title page, and disclaimer to associate this document with the Unisys corporate identity. Content remains unchanged.		

Title and Description	Doc. No.	Pages

RESOURCE MANAGEMENT FACILITY — 1221529 — 2
Software Specification Sheet

SCREEN FORMAT SERVICES — UP-9977 R2 — 230
Technical Overview

Describes how programmers can use screen format services to create and maintain formatted screen displays for use with their application programs. Discusses the use of screen formats with COBOL, RPG II, FORTRAN IV, or assembler programs.

This revision contains a number of minor technical corrections. It also documents how to use the screen format generator to generate a COBOL copy module.

SECURITY MAINTENANCE UTILITY — UP-12028 R1 — 73
Operations Guide

Describes for the system administrator how to enforce system security by controlling access to the system's interactive facilities.

UPDATE PACKAGE A — UP-12028 R1-A — 13

This update contains minor technical corrections.

SOFTWARE RELEASE ANNOUNCEMENT (See OPERATING SYSTEM/3)

SORT/MERGE (See also INDEPENDENT SORT/MERGE)

SORT/MERGE — 1221525 — 2
Software Specification Sheet

SORT/MERGE MACROINSTRUCTIONS — UP-9072 R2 — 192
Programming Guide

Describes, for the assembly language programmer, the macroinstructions provided for sorting and merging files as part of an assembler program. This provides greater control over the sort/merge process than other available sort/merge facilities and includes two specialized features: tag sorts and merge-only routines.

UPDATE PACKAGE A — UP-9072 R2-A — 10

This update contains minor technical corrections.

UPDATE PACKAGE B — UP-9072 R2-B — 20

This update adds data capacity and access speed information for the 9493H disk subsystem. It also adds a description of the disk work file space expansion enhancement.

Title and Description	Doc. No.	Pages
SORT3 Programming Guide	UP-8836 R3	115
Describes the use of the SORT3 program, compatible with sort programs available with IBM System/3, System/32, and System/34. Describes the statements needed to create sort specifications and how to run SORT3.		
UPDATE PACKAGE A	UP-8836 R3-A	8
This update contains minor technical corrections.		
UPDATE PACKAGE B	UP-8836 R3-B	20
This update adds data capacity and access speed information for the 9493H disk subsystem. It also adds a description of the disk work file space expansion enhancement.		
SORT3 Software Specification Sheet	1221526	2
SPOOLING AND JOB ACCOUNTING Operating Guide	7004 4581-000	268
Describes, for the system administrator, basic spooling concepts, input and output spooling functions, remote spooling capabilities, and general spooling controls. Explains how the spool file is initialized and recovered, and how job accounting reports are produced. Includes the system operator's spooling reference and a spooling summary.		
This revision reflects support for Release 14.0. Included is a new SYSGEN parameter (SPOOLMAXREC), new options on the SYSLOG SYSGEN parameter, and enhancements to the DISPLAY ACT and DISPLAY SPL commands.		
SUPERVISOR Technical Overview	UP-8831 R3	72
Provides an overview of the OS/3 supervisor and its functions for OS/3 high-level language programmers and site administrators.		

Title and Description	Doc. No.	Pages
SYSTEM ACTIVITY MONITOR Programming Guide	UP-9983 R1	79

Describes, for the system administrator and site manager, the use of the system activity monitor (SAM) when evaluating system performance. Discusses the system activities and events that can be monitored, the statistical information collected, and the types of reports that can be produced from those statistics. Provides sample monitoring sessions and examples of how to use each statistic to analyze and remedy system performance problems.

UPDATE PACKAGE A	UP-9983 R1-A	16

This update provides an index and a set of tab breakers. The content of the manual remains unchanged.

SYSTEM ACTIVITY MONITOR Software Specification Sheet	1221527	2
SYSTEM CONTROL SOFTWARE, TYPE NUMBER: 6210-XX Software Specification Sheet	1221528	4
SYSTEM INDEX AND PUBLICATIONS GUIDE	UP-8874 R3	146

Describes the OS/3 library, provides a composite index to enable users to locate a specific term, includes a glossary of terms that have unique meanings with OS/3, and provides a summary of the statement conventions.

This revision provides extensive additions to the index entries.

SYSTEM MESSAGES Reference Manual	7004 5190-000	900

A quick-reference manual intended for operators and programmers. Informs the operator of job status or tasks to be performed; informs programmer of job status and program errors. Message description composed of the remedial action or response required, as applicable.

This revision reformats the manual to the larger 8-1/2 by 11-inch size. This has reduced the overall size of the manual, making it easier to use. In addition, new messages reflecting support for Release 14.0 and the model 50 have been added.

SYSTEM PLATFORM Software Specification Sheet	1225354	6

Provides a brief description of the system platform software (SPS) for the model 7E.

Title and Description	Doc. No.	Pages

SYSTEM PLATFORM SOFTWARE FOR SYSTEM 80 MODEL 50   7004 4292-000   6
   Software Specification Sheet

   Provides a brief description of the system platform software (SPS) for the model 50.

SYSTEM SERVICE PROGRAMS (SSP)   UP-8841 R5   543
   Operating Guide

   Describes, for the novice programmer, the use of the system service programs, which
   are utility programs that support the operation and organization of the operating system
   and that include the SAT and MIRAM librarians, linkage editor, disk, tape, and diskette
   prep routines, and various copy routines.

   UPDATE PACKAGE A   UP-8841 R5-A   10

   This update provides additional information on using DMPRST to dump multiple disk
   volumes to tape in file mode.

   UPDATE PACKAGE B   UP-8841 R5-B   110

   This update modifies disk prep and dump/restore routines to include new peripherals
   and enhancements supported in Release 14.0. It also documents new software
   maintenance correction list (SMCLIST) functionality.

SYSTEM SERVICE PROGRAMS (SSP)   UP-8842 R4   197
   Programming Reference Manual

   For experienced programmers, provides a quick-reference guide to the system service
   programs. Includes the SAT and MIRAM librarians, the linkage editor, disk, tape, and
   diskette preps, and various other utility routines.

   UPDATE PACKAGE A   UP-8842 R4-A   12

   This update provides an index.

   UPDATE PACKAGE B   UP-8842 R4-B   12

   This update provides additional information on using DMPRST to dump multiple disk
   volumes to tape in file mode.

   UPDATE PACKAGE C   UP-8842 R4-C   52

   This update modifies disk prep and dump/restore routines to include new peripherals
   and enhancements supported in Release 14.0. It also documents new software
   maintenance correction list (SMCLIST) functionality.

SYSTEM/32, 34 TO OS/3 CONVERSION
User Guide

UP-9318 R1   102

Describes the various activities necessary to convert from an IBM System/32 or
System/34 data processing system to OS/3. Describes in detail the transcription of
source program libraries and data files, discusses the differences in COBOL, FORTRAN,
and RPG between the IBM systems and OS/3, and describes the utility programs
available to aid the conversion effort. Also provides a general conversion plan, outlining
the steps to be taken to facilitate the conversion.

SYSTEM 80
Technical Overview

7004 4524-000   202

Describes, for the system administrator or programmer unfamiliar with System 80,
overall operation and use of System 80 and OS/3 software. Discusses the function of all
software products, particularly the relationship of the components, one with another, and
in relation to the system as a whole.

This revision reflects support of Release 14.0 and the model 50. It also provides minor
technical corrections.

SYSTEM 80 TECHNICAL SUPPORT
Overview

7002 3916-100   26

Describes the Unisys support services available to System 80 users. Topics include: the
Unisys Support Center, System Maintenance Services, Documentation Services, and
User Associations.

This revision reflects the support available to Release 14.0 users.

TECHNICAL QUESTIONS, QUESTION AND ANSWER FORM
   8-1/2" x 11" (50 SHEETS/PAD)

UD1-1195

TRANSACTION PLATFORM SYSTEM (TPS)
Programming Guide (Volume 1)

7002 3981-100   362

Provides hardware design, operations, and programming information for end users,
applications development programmers, and system analysts. TPS provides information
for the development and execution of IMS and TIP/30 action programs, and LINC II,
MAPPER, OFIS, CAPIR, and IBM CICS Application Interface Routine.

TRANSACTION PLATFORM SYSTEM (TPS)
Programming Guide (Volume 2)

7002 3999-100   558

Provides hardware design, operations, and programming information for end users,
applications development programmers, and system analysts. TPS provides information
for the development and execution of IMS and TIP/30 action programs and LINC II,
MAPPER, OFIS, CAPIR, and IBM CICS Application Interface Routine.

Title and Description	Doc. No.	Pages
TRANSACTION PLATFORM SYSTEM Software Specification Sheet	1225353	6
TRANSPAC PUBLIC DATA NETWORK (PDN) SUPPORT (FRENCH) Software Specification Sheet	1221543	2

Section 3

Numerical Listing

Doc. No.	Title and Description	Pages
UD1-572	PRESENTATION FOLDER	
UD1-723	FLOWCHART TEMPLATE AND BOOKLET (REV. 3-73)	
UD1-787	FOLDERS: PRINTOUT AND LISTING FOLDER	
UD1-905	FORMS: COBOL PROGRAMMING FORM 11" x 16" (50 SHEETS/PAD)	
UD1-1108	FORMS: PRINTER, HIGH SPEED, FORMAT SHEET 11" x 16 (50 SHEETS/PAD)	
UD1-1156	FORMS: FORTRAN PROGRAMMING FORM 8-1/2" x 14" (50 SHEETS/PAD)	
UD1-1164	FORMS: REPORT PROGRAM GENERATOR II INPUT FORMAT SPECIFICATION FORM 11" x 16' (50 SHEETS/PAD)	
UD1-1165	FORMS: REPORT PROGRAM GENERATOR II OUTPUT FORMAT SPECIFICATION FORM 11" x 16" (50 SHEETS/PAD)	
UD1-1166	FORMS: REPORT PROGRAM GENERATOR II CONTROL CARD AND FILE SPECIFICATION FORM 11" x 16" (50 SHEETS/PAD)	
UD1-1167	FORMS: REPORT PROGRAM GENERATOR II CALCULATION SPECIFICATION FORM 11" x 16" (50 SHEETS/PAD)	
UD1-1170	FORMS: REPORT PROGRAM GENERATOR II FILE EXTENSION AND LINE CONTROL SPECIFICATION FORM 11" x 16" (50 SHEETS/PAD)	
UD1-1171	FORMS: REPORT PROGRAM GENERATOR II TELECOMMUNICATIONS SPECIFICATION FORM 11" x 16" (50 SHEETS/PAD)	
UD1-1195	FORMS: TECHNICAL QUESTIONS, QUESTION AND ANSWER FORM 8-1/2" x 11" (50 SHEETS/PAD)	
UD1-1548	FORMS: ASSEMBLER CODING FORM, 8-1/2" x 11" (50 SHEETS/PAD)	
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UP-8022 R7	**DATA BASE MANAGEMENT SYSTEM (DMS) DATA DESCRIPTION LANGUAGE** Programming Reference Manual	151
UP-8022 R7-A	UPDATE PACKAGE A	14
UP-8059 R3	**EXTENDED COBOL** Programming Reference	300
UP-8059 R3-A	UPDATE PACKAGE A	24
UP-8059 R3-B	UPDATE PACKAGE B	12
UP-8059 R3-C	UPDATE PACKAGE C	8
UP-8067 R7	**REPORT PROGRAM GENERATOR II (RPG II)** Programming Guide	910
UP-8253 R5	**REPORT PROGRAM GENERATOR II (RPG II)** Reference Card	1
UP-8424	**INTEGRATED COMMUNICATIONS ACCESS METHOD (ICAM), INTERFACING A REMOTE DEVICE HANDLER** Programmer Reference	133
UP-8549 R4	**INTEGRATED COMMUNICATIONS ACCESS METHOD (ICAM), DIRECT DATA INTERFACE (DDI)** User Guide	176
UP-8549 R4-A	UPDATE PACKAGE A	66
UP-8550 R5	**INTEGRATED COMMUNICATIONS ACCESS METHOD (ICAM), STANDARD MCP INTERFACE** Programming Guide	328
UP-8550 R5-A	UPDATE PACKAGE A	122
UP-8550 R5-B	UPDATE PACKAGE B	47
UP-8550 R5-C	UPDATE PACKAGE C	6
UP-8612 R4	**1974 AMERICAN STANDARD COBOL** Programming Quick-Reference Guide	77

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UP-8819 R3	**INDEPENDENT SORT/MERGE** Programming Guide	171
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UP-8819 R3-B	UPDATE PACKAGE B	18
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UP-8832	**SUPERVISOR MACROINSTRUCTIONS** Operating Guide	255
UP-8832-A	UPDATE PACKAGE A	41
UP-8832-B	UPDATE PACKAGE B	42
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UP-8832-D	UPDATE PACKAGE D	14
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UP-8832-F	UPDATE PACKAGE F	6
UP-8836 R3	**SORT3** Programming Guide	115
UP-8836 R3-A	UPDATE PACKAGE A	8
UP-8836 R3-B	UPDATE PACKAGE B	20
UP-8839 R8	**MODELS 8-20 OS/3 INSTALLATION GUIDE**	289
UP-8839 R8-A	UPDATE PACKAGE A	22
UP-8841 R5	**SYSTEM SERVICE PROGRAMS (SSP)** Operating Guide	543
UP-8841 R5-A	UPDATE PACKAGE A	10
UP-8841 R5-B	UPDATE PACKAGE B	110

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UP-8842 R4	**SYSTEM SERVICE PROGRAMS (SSP)** Programming Reference Manual	197
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UP-8842 R4-B	UPDATE PACKAGE B	12
UP-8842 R4-C	UPDATE PACKAGE C	52
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UP-8856 R4	**ESCORT PROGRAMMING LANGUAGE** Quick-Reference Guide	21
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1221510	**1974 AMERICAN NATIONAL STANDARD COBOL EDITOR** Software Specification Sheet	2
1221512	**DATA BASE MANAGEMENT SYSTEM (DMS)** Software Specification Sheet	6
1221513	**ESCORT PROGRAMMING LANGUAGE** Software Specification Sheet	4
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1221530	**FILE PLACEMENT ANALYZER (FIPLAN)** Software Specification Sheet	2
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4000 0770-000	BINDER, THREE RING, FOR 8-1/2" X 11" PAGE (1")	
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7002 3866-100	**MODEL 7E OPERATIONS GUIDE**	324
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7004 1942-000	**MODEL 50 DETAILED OPERATIONS GUIDE**	265
7004 1967-000	**MODEL 50 INTEGRATED COMMUNICATIONS ACCESS METHOD (ICAM)** Operations Guide	180
7004 1959-000	**MODEL 50 CONFIGURATOR**	32
7004 1991-000	**OPERATING SYSTEM/3 (OS/3) RELEASE 14.0** Software Release Announcement	
7004 4284-000	**MODEL 50** Specification Sheet	4
7004 4292-000	**SYSTEM PLATFORM SOFTWARE FOR SYSTEM 80 MODEL 50** Software Specification Sheet	6
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7004 4524-000	**SYSTEM 80** Technical Overview	202
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7004 4581-000	**SPOOLING AND JOB ACCOUNTING** Operating Guide	268
7004 4599-000	**GENERAL EDITOR (EDT)** Operating Guide	298

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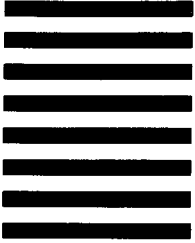
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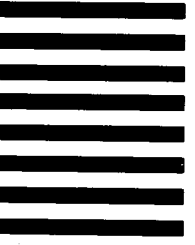||I||

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