

**DNOS**



***Master Index  
to Operating  
System Manuals***

Part No. 2270500-9701 \*C  
March 1985

**TEXAS INSTRUMENTS**

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## MANUAL REVISION HISTORY

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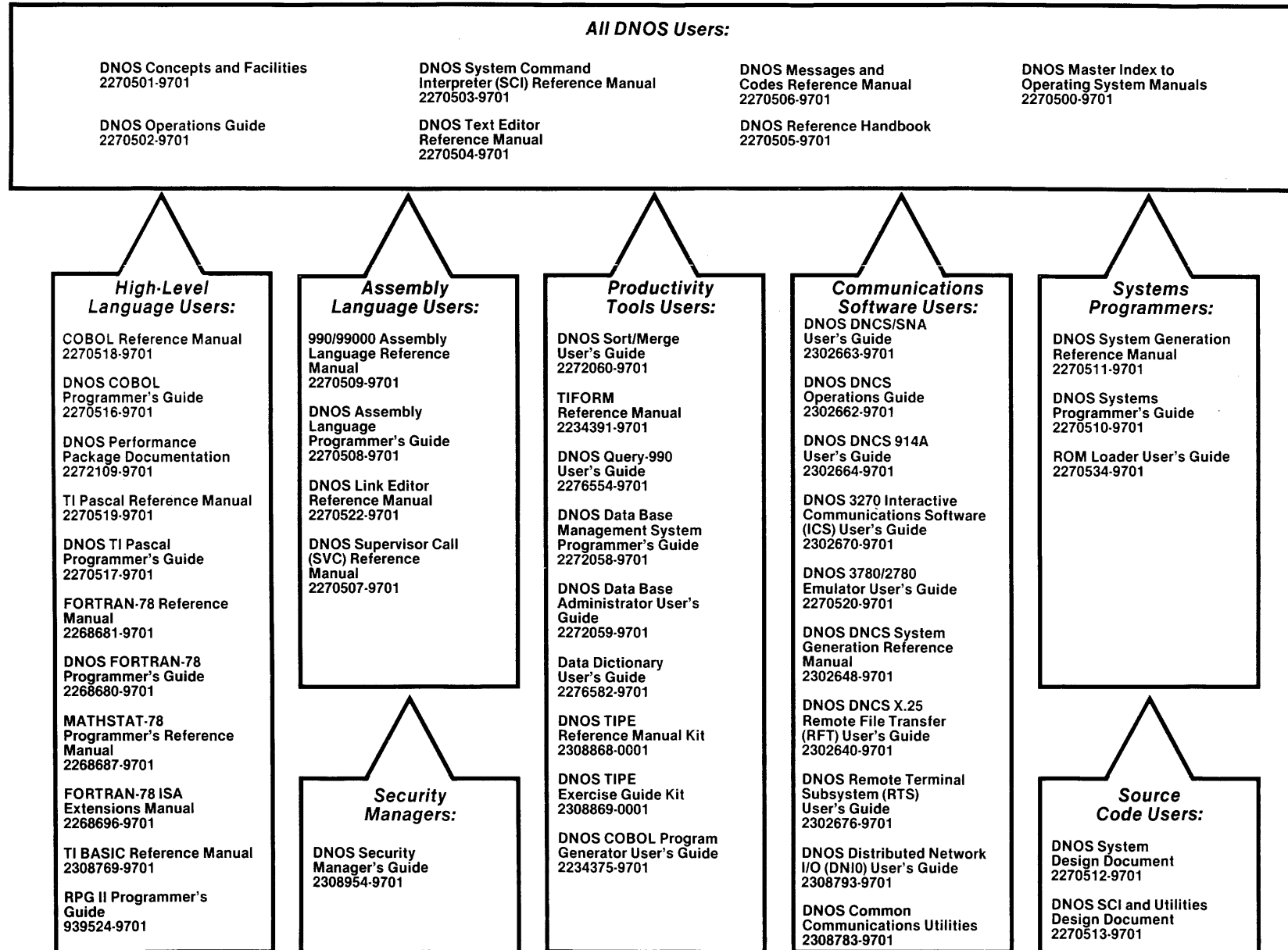
The computers, as well as the programs that TI has created to use with them, are tools that can help people better manage the information used in their business; but tools—including TI computers—cannot replace sound judgment nor make the manager's business decisions.

Consequently, TI cannot warrant that its systems are suitable for any specific customer application. The manager must rely on judgment of what is best for his or her business.

# DNOS Software Manuals

This diagram shows the manuals supporting DNOS, arranged according to user type. Refer to the block identified by your user group and all blocks above that set to determine which manuals are most beneficial to your needs.

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# DNOS Software Manuals Summary

## **Concepts and Facilities**

Presents an overview of DNOS with topics grouped by operating system functions. All new users (or evaluators) of DNOS should read this manual.

## **DNOS Operations Guide**

Explains fundamental operations for a DNOS system. Includes detailed instructions on how to use each device supported by DNOS.

## **System Command Interpreter (SCI) Reference Manual**

Describes how to use SCI in both interactive and batch jobs. Describes command procedures and gives a detailed presentation of all SCI commands in alphabetical order for easy reference.

## **Text Editor Reference Manual**

Explains how to use the Text Editor on DNOS and describes each of the editing commands.

## **Messages and Codes Reference Manual**

Lists the error messages, informative messages, and error codes reported by DNOS.

## **DNOS Reference Handbook**

Provides a summary of commonly used information for quick reference.

## **Master Index to Operating System Manuals**

Contains a composite index to topics in the DNOS operating system manuals.

## **Programmer's Guides and Reference Manuals for Languages**

Contain information about the languages supported by DNOS. Each programmer's guide covers operating system information relevant to the use of that language on DNOS. Each reference manual covers details of the language itself, including language syntax and programming considerations.

## **Performance Package Documentation**

Describes the enhanced capabilities that the DNOS Performance Package provides on the Model 990/12 Computer and Business System 800.

## **Link Editor Reference Manual**

Describes how to use the Link Editor on DNOS to combine separately generated object modules to form a single linked output.

## **Supervisor Call (SVC) Reference Manual**

Presents detailed information about each DNOS supervisor call and DNOS services.

## **DNOS System Generation Reference Manual**

Explains how to generate a DNOS system for your particular configuration and environment.

## **User's Guides for Productivity Tools**

Describe the features, functions, and use of each productivity tool supported by DNOS.

## **User's Guides for Communications Software**

Describe the features, functions, and use of the communications software available for execution under DNOS.

## **Systems Programmer's Guide**

Discusses the DNOS subsystems and how to modify the system for specific application environments.

## **ROM Loader User's Guide**

Explains how to load the operating system using the ROM loader and describes the error conditions.

## **DNOS Design Documents**

Contain design information about the DNOS system, SCI, and the utilities.

## **DNOS Security Manager's Guide**

Describes the file access security features available with DNOS.

# Preface

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This manual is a master index to the DNOS manuals. The frontispiece lists all the manuals that are associated with DNOS. Section 1 lists the manuals whose indexes are included in the master index.

There are three sections in the *DNOS Master Index to Operating System Manuals*. The first section, called the Master Index, is made up of the indexes from other DNOS manuals. An individual manual identifier was added to each record in each of the individual manual indexes. The records then were merged and concatenated into one master index.

The second section is an alphabetical index to the SCI commands as they are found in the *DNOS System Command Interpreter (SCI) Reference Manual*. It indexes only information in that manual. Information about SCI commands in other manuals is identified in Section 1.

The third section contains both an alphabetical and a numerical index to the information about supervisor calls that is in the *DNOS Supervisor Call (SVC) Reference Manual*. You can find information about SVCs in other manuals identified in Section 1.



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- 1 — Master Index**
- 2 — SCI Command Index**
- 3 — SVC Index**





# Master Index

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## 1.1 How to Use the Master Index

Use the master index to locate the manual and the paragraph, table, or figure number of the information you want to find. Then, use the table of contents, list of illustrations, or list of tables in the individual manual to obtain the corresponding page number.

## 1.2 Manual Identifiers

In the master index a three-letter manual identifier precedes each group of one or more references. The identifiers and the manuals they identify are as follows:

Identifier	Manual	Revision
APG	<i>DNOS Assembly Language Programmer's Guide</i>	**
ARF	<i>990/9900 Assembly Language Reference Manual</i>	*A
CON	<i>DNOS Concepts and Facilities</i>	*B
COB	<i>DNOS COBOL Programmer's Guide</i>	*A
EDT	<i>DNOS Text Editor Reference Manual</i>	*B
FPG	<i>DNOS FORTRAN-78 Programmer's Guide</i>	*A
GEN	<i>DNOS System Generation Reference Manual</i>	*B
LNK	<i>DNOS Link Editor Reference Manual</i>	*A
MSG	<i>DNOS Messages and Codes Reference Manual</i>	*B
OND	<i>DNOS Online Diagnostics and System Log Analysis Task User's Guide</i>	*B
OPE	<i>DNOS Operations Guide</i>	*C
PPG	<i>DNOS Pascal Programmer's Guide</i>	**
REF	<i>DNOS Reference Handbook</i>	*B
SCI	<i>DNOS System Command Interpreter (SCI) Reference Manual</i>	*D
SEC	<i>DNOS Security Manager's Guide</i>	**
SPG	<i>DNOS Systems Programmer's Guide</i>	*C
SVC	<i>DNOS Supervisor Call (SVC) Reference Manual</i>	*B

This index lists key words and concepts covered in the DNOS manuals together with references to the area(s) in the manual in which they are covered. The key words and concepts appear on the left side of the index entry. The references on the right side of each entry are composed of the following elements:

- Manual identifier — three letter identifier, “XXX-”, with the symbol X representing a capital letter.
- Section identifier — “Section n” with the symbol n representing a numeric quantity.
- Appendix identifier — “Appendix X” with the symbol X representing a capital letter.
- Paragraph indicator — a string of alphanumeric characters punctuated with decimal points. The first character of the string refers to the section or appendix of the manual in which the paragraph is found. The following numbers are paragraph numbers.

Examples: GEN-3.5.2 refers to the *DNOS System Generation Reference Manual*, Section 3, paragraph 5.2. GEN-A.2 refers to GEN, Appendix A, paragraph 2.

- Table indicator — the letter T followed immediately by a character that represents the section or appendix that contains the table. The second character is followed by a dash (-) and the ordered number of the table in that section or appendix of the manual.

Examples: CON-T3-1 refers to the *DNOS Concepts and Facilities*, Section 3, Table 1. CON-TB-4 refers to CON, Appendix B, Table 4.

- Figure indicator — the letter F followed immediately by a character that represents the section or appendix that contains the figure. The second character is followed by a dash (-) and the ordered number of the figure in that section or appendix of the manual.

Examples: COB-F2-7 refers to the *DNOS COBOL Programmer's Guide*, Section 2, Figure 7. COB-FF-1 refers to COB, Appendix F, Figure 1.

You can find page numbers that correspond to the paragraph numbers in the table of contents, the list of illustrations, and the list of tables in the front of each manual.

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**Brush Indicator DS10**

Brush Indicator DS10 ..... OPE-FJ-3

BSC ..... CON-3.4.2

BSS Directive ..... ARF-5.3.1, 5.3.1.4

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BUD Command Procedure ..... SPG-12.10.1

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    I/O ..... FPG-11.2.1

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BUFFER KIF Handler Argument ..... FPG-8.2.2.5

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Business System Terminal Keyboard ..... SVC-F6-4

    Layout ..... FA-5 in CON, EDT, GEN, MSG, OPE, REF, or SCI

Business Systems:

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    FAULT Indicator ..... OPE-2.2.2.6

    Front Panel ..... OPE-2.2.2, F2-2

    HALT Control ..... OPE-2.2.2.7

    IDLE Indicator ..... OPE-2.2.2.5

    LOAD Control ..... OPE-2.2.2.9

    Numeric Display ..... OPE-2.2.2.2

    POWER Indicator ..... OPE-2.2.2.3

    RUN:

        Control ..... OPE-2.2.2.8

        Indicator ..... OPE-2.2.2.4

    1-S-2 Switch ..... OPE-2.2.2.1

    600/800 Front Panel ..... OPE-F11-2

Byte:

    Address ..... ARF-1.2.1

    Directive ..... ARF-2.4.2, 5.3.3, 5.3.3.1

    Even Address ..... ARF-1.2.2

    Instruction ..... ARF-1.2.1

    Move ..... ARF-3.89

    String Format CRC ..... ARF-T3-3

BYTE Directive ..... APG-5.1

Bytes Instruction:

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B-Tree ..... SPG-2.3.4.4, F2-15, F2-16

C:

    Instruction ..... ARF-3.22

    Option ..... FPG-3.3.2, 6.3, 6.3.1

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Workspace	ARF-1.3, 4.3.1, 4.3.2.4, 4.3.2.9, 4.3.3.3, 4.3.3.4
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I/O Operations	REF-5.3.2
I/O Utility I/O Operations	REF-5.3.2.1
KIF I/O Operations	REF-5.3.2.2
Master Read I/O Operations	REF-5.3.2.5
TPD I/O Operations	REF-5.3.2.4
733 ASR I/O Operations	REF-5.3.2.4
911 VDT I/O Operations	REF-5.3.2.4
931 VDT I/O Operations	REF-5.3.2.4
940 EVT I/O Operations	REF-5.3.2.4
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Input/Output	SVC-5.1
I/O	SVC-5.1
Capability:	
Functional	GEN-1.1
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TX990 Multitask	PPG-7.4.5
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Batch Stream	APG-5.3.4, 5.3.4, F5-94
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Operator Control Panel	OPE-FV-2
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CARR RCV and LINE RDY Indicators, 820 KSR	OPE-TD-1

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Carry Bit	ARF-1.4.4
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Cassette	SVC-6.7
Resource-Independent I/O	SVC-6.7.1
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CC Command	FPG-2.3.4.4
CD:	
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CDI Instruction	ARF-3.25
CDLETE KIF Handler Argument	FPG-8.2.1
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CD1400:	
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CED Instruction	ARF-3.26
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CFILW FORTRAN-66 Calling Sequence	FPG-D.6
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CFKEY Command	COB-2.4.3
CFPRO Command	APG-6.8, COB-2.4.3, FPG-4.3.4
CFREL Command	COB-2.4.3
CFSEQ Command	APG-9.5, COB-2.4.3
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Change Message Level (CM) Command Verb	OND-2.6.1, 3.4.2
Change Program Location (L) Debug Command	COB-7.2.4
Change Task Priority (CP) Command Verb	OND-3.4.3
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## Changing 810 Printer Ribbon

Changing 810 Printer Ribbon .....	OPE-S.1.3
Channel .....	SPG-1.5.4.1
Activity:	
Master/Slave .....	SPG-1.5.4.3
Symmetric .....	SPG-1.5.4.3
Characteristics .....	SPG-1.5.4.3
Creation .....	SPG-1.5.4.2
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Dormant .....	SVC-8.3.2.2
Global .....	APG-2.8.2.3, FPG-2.9.2.3
IPC .....	APG-2.8.2.2, COB-2.8.2.2, PPG-2.8.2.2, SVC-T8-1, FPG-2.9.2
Job-Local .....	APG-2.8.2.3, FPG-2.9.2.3
Master/Slave .....	APG-2.8.2.2, SVC-8.2, 8.3.1.1, 8.3.3, FPG-2.9.2.2
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Positions 911 VDT:	
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Display Terminal Graphics .....	SVC-TB-7
Line Printer .....	SVC-TB-10
SDSMAC .....	ARF-2.4.1
Selection 850 .....	OPE-T.2.1.2, TT-1
733/743 Data Terminal .....	SVC-TB-8
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855 .....	OPE-U.4
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Comparison .....	FPG-8.3.2, 8.3.4
Length .....	FPG-8.3.5
Manipulation .....	FPG-8.3
Repetition .....	FPG-8.3.9
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Operation .....	SVC-6.5.3.10
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VDT .....	SVC-6.3.3.18

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    - Testing . . . . . ARF-3.4.16
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**Limit**

Limit:

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## LRDNXT KIF Handler Argument

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**MKL Command**

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File .....	CON-Section 8
Memory .....	ARF-1.2.3, CON-5.1
ORI Instruction .....	ARF-3.100
ORM Instruction .....	ARF-3.101
OSI .....	CON-3.5.1
OSLOBJ .....	FPG-4.6.14.1, 4.6.14.2
Run-Time Library .....	FPG-4.5.2, 10.2.2, 10.2.3, 10.2.4
Output:	
Configuration Prompt .....	GEN-3.3.4, 3.10
Control .....	OPE-8.3
Cover Page Example .....	APG-F5-2
Device Class Name .....	OPE-8.1.1
Example .....	APG-F5-2
System Log .....	MSG-F4-1
Format:	
Compressed Tagged Object Link Editor .....	APG-6.7.2
Normal Tagged Object .....	APG-6.7.1
Options Link Editor .....	APG-6.7
Interrupt .....	SPG-5.4.2.1
LP\$n Device .....	FPG-11.4.3
Spooler .....	OPE-8.1
Writer Task .....	OPE-8.1.1
Suppression, Linked .....	APG-6.3
Listing:	
Commands .....	LNK-2.2, 3.3.3, T2-1
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Delete (DD) Directory .....	OPE-F4-2
Execute Job Monitor .....	OPE-F16-7
Execute Performance Display .....	GEN-F5-2, OPE-F16-12
Link Editor .....	APG-6.5, F6-1
List Jobs .....	OPE-F10-3
List (LD) Directory .....	OPE-F4-3
List Software Configuration .....	OPE-F16-13
List Terminal Status .....	OPE-F16-2
LJ .....	OPE-F10-3
Long Form:	
Map Directory .....	OPE-F4-5
MD .....	OPE-F4-5
LSC .....	OPE-F16-13

**Output  
Listing (Continued)**

LTS .....	OPE-F16-2
Short Form:	
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Volume Status .....	OPE-F5-1, F16-4
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SMS .....	OPE-F16-9
SOS .....	OPE-F16-5
STI .....	OPE-F16-1
STS .....	OPE-F10-2, F10-4, F16-8
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Verify Copy (VC) .....	OPE-F6-3
XJM .....	OPE-F16-7
XPD .....	GEN-F5-2, OPE-F16-12
Option Assembler .....	APG-5.1
Spooling .....	CON-1.1, 6.4
Job .....	CON-4.1
Suppression Linked .....	APG-6.3
Output a Character HSR Subroutine .....	SPG-5.7.5
OUTPUT Contents:	
LIST Operation .....	PPG-F6-8
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Overall I/O Operation .....	SVC-F5-1
Overflow:	
Bit .....	ARF-1.4.5
Conditions .....	ARF-2.7.2
Interrupt Bit .....	ARF-1.4.11
Task Attributes Arithmetic .....	APG-3.11.10, 5.2.2, 6.8.1
Overlay .....	APG-3.9, 6.8, COB-5.3.3, FPG-4.6.15.5, LNK-1.3.4, 6.1, SVC-3.1, 3.5, 3.8, 3.9
Delete .....	SVC-3.7
Entry Vector (OEV) Table .....	LNK-6.2.2
Installation .....	APG-6.8
Link Control File .....	PPG-7.9.4
TX5 .....	PPG-7.9.6
TX990 .....	PPG-7.9.6
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Loading .....	APG-3.9.2
Automatic .....	LNK-2.3.16, 6.2.2
Manager .....	APG-3.9.2, FPG-4.6.12, LNK-1.3.2, 2.3.16, 6.2.2
Automatic .....	APG-3.9.2
Linking .....	LNK-6.3.1
Numbers .....	PPG-7.9.7
Path .....	APG-3.9, LNK-1.3.4, 6.2
Phase .....	COB-5.3.3
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Modules COBOL Segmentation in .....	COB-F5-8
Planning .....	LNK-6.2
Program Installation .....	PPG-7.9.5
Relocatable .....	APG-3.9.3
Root Phase .....	APG-3.9
Structure .....	FPG-F4-7, LNK-1.3.4, 2.3.27, 6.2, PPG-7.9.2, COB-5.5.6, F5-14

## Overlay (Continued)

Control Stream	LNK-6.3
Example	LNK-F1-3
Example Listing File	LNK-F6-2
Link Map	LNK-6.4
SVC Load	LNK-6.2.1
User-Loaded	LNK-6.2.1
Overlays	CON-5.3.1
Linking	LNK-Section 6
Program Segments With	LNK-6.3.2
Overview:	
Link Editor	LNK-Section 1
Program Structure	LNK-1.3
System	PPG-1.2
TIP Compiler	PPG-5.2
OVLY\$ Procedure	PPG-7.9.3, 10.7
Owner Task	SVC-8.2, 8.3.1.1
P Tag Character	APG-5.2.4.1, 5.2.4.4
PADSTR Macro	FPG-9.4.2.3
Page:	
Editing	See TIPE
Example, Output Cover	APG-F5-2
PAGE Command	LNK-2.3.25
PAGE Directive	ARF-5.3.2, 5.3.2.6
Page Eject (PAGE) Directive	ARF-5.3.2, 5.3.2.6
Page Title (TITL) Directive	APG-4.6, ARF-5.3.2, 5.3.2.3
Panel:	
Debug	APG-8.3.1.8, 8.3.3.2
Display	APG-F9-2
Paper:	
Compartment 743 KSR	OPE-FC-8
Loading:	
Diagram:	
743 KSR	OPE-FC-9
810 Printer	OPE-FS-6
733 ASR/KSR	OPE-FB-9
810 Printer	OPE-S.1.2
820 KSR	OPE-FD-12
850	OPE-T.6.2
855	OPE-U.6.2
Positioning LP300/600	OPE-FQ-6
Parallel Printer	GEN-3.5.1.24
Parameter	See Also Subparameter, ARF-7.4.5, 7.4.7.2, SVC-10.7.2
Entry Block	SVC-5.2.1
KEY\$FILE (Required)	PPG-T10-2
List	SVC-5.2.1, 5.2.1.1, 5.2.1.2
Required	GEN-3.4
Sysgen (Preanswered)	GEN-4.1, T4-1
System Table Area (STA)	GEN-5.6.2
850 Power-Up	OPE-T.3
855 Power-Up	OPE-U.3
Parent Phase	FPG-4.6.15.5
Parity:	
Bit Odd	ARF-1.4.6
Error Log Message, Memory	MSG-4.3
Setting 810 Printer	OPE-S.1.6.14
Partial:	
Bit Map	SPG-1.1, 2.2.3.2
Compilation OUTPUT Contents Deferred Processing	PPG-F6-5
Compilation OUTPUT Contents Initial Run	PPG-F6-5
Compilation OUTPUT Contents Source Listing	PPG-F6-6
Key	SVC-7.5.2

## Partial Link

Link:	
Control Stream	LNK-8.3
Example Listing File	LNK-F8-4
Map	LNK-8.4
Structure	LNK-8.2
Linking	LNK-Section 8, 1.3, 2.3.26
Commands	LNK-2.2, T2-1
PARTIAL Command	APG-6.7.1, LNK-2.3.26, 8.3
Partition:	
Control Stream Absolute Memory	LNK-7.3
Example Listing File Absolute Memory	LNK-F7-6
Link Map Absolute Memory	LNK-7.4
Structure Absolute Memory	LNK-7.2
Partitioning:	
Absolute Memory	LNK-1.3.5, 7.1
Commands Absolute Memory	LNK-2.2, T2-1
Example Absolute Memory	LNK-F1-4
Partitions Linking Absolute Memory	LNK-Section 7
Pascal:	
Compiler	LNK-B.2
Debug Commands	PPG-9.3.2
Programming Language	CON-3.2.4
Pascal Cross Reference (XPX) Command, Execute	PPG-5.3.6
Pascal Preprocessor (XPP) Command, Execute	PPG-5.3.5
Pascal Stack (LPS) Command, List	PPG-9.3.2.7
Pascal Stack (SPS) Command, Show	PPG-9.3.2.6
Pascal Task (XPT) Command, Execute	PPG-7.2.5
Passcode	SEC-3.3.6, 3.5.2
Patch	SEC-2.2.1, 2.3.4
Patch Generated System (PGS) Command	GEN-3.1, 3.7
Patchstream Error	GEN-3.8
Path	FPG-4.6.15.5
Overlay	APG-3.9, LNK-1.3.4, 6.2
850:	
Fanfold Paper	OPE-FT-7
Roll Paper	OPE-FT-6
855:	
Fanfold Paper	OPE-FU-7
Roll Paper	OPE-FU-6
PATH KIF Handler Argument	FPG-8.2.2.3
Pathname	COB-2.5, CON-6.3, FPG-2.5, PPG-2.5, SVC-5.2, 5.2.1, 5.2.1.1, 5.2.1.2, 6.2.1, 7.2.1, 8.3.1
Definition	APG-2.5
Interprocess Communication	SVC-5.2
IPC	SVC-5.2
Verification	SVC-7.2.1.5
PB Command	APG-8.2, 8.3.3.1, 8.3.3.3, 8.3.3.4, 8.3.4.3
PBP Command	PPG-9.3.2.4, 8.3.6.4, 9.7
PC DISPLAY Switch 990	OPE-2.2.1.11
PC ENTER Switch 990	OPE-2.2.1.15
PDT	GEN-3.5.1.22, 3.5.1.23, SPG-5.3.1, 5.4.1, SVC-11.2
In the Interrupt Workspace	GEN-3.5.1.22
Special Extension	SPG-5.8
PEND Directive	ARF-5.3.1, 5.3.1.11, 5.3.1.12, 5.3.5, 5.3.5.2
Perforation Skip Adjustment 810 Printer	OPE-S.1.6.6
Performance:	
Differences	ARF-4.3.3
Measurement Utility	GEN-5.6.1
Monitoring	SPG-12.6
Optimization	SPG-12.7
Period Time Delay	SVC-4.4
Permanent File	FPG-3.1

## PF Command

- PF Command ..... FPG-2.9.5, OPE-8.2, SPG-11.4
- PGS Command ..... GEN-3.1, 3.7
- Phase ..... FPG-4.6.15.5, LNK-1.3.4, 2.3.27, 6.1
  - Directory (OPD) Table Overlay ..... LNK-6.2.2
  - Independent ..... FPG-4.6.15.5
  - Overlay ..... COB-5.3.3
  - Parent ..... FPG-4.6.15.5
  - Root ..... FPG-4.6.15.5, LNK-1.3.4
- PHASE Command ..... COB-5.5.5, 5.5.6, LNK-2.3.27, 6.3
- PHASE Link Editor Command ..... FPG-4.6.8
- PHASE 0 Command ..... LNK-3.3
- Phases of System Load Process ..... MSG-T2-1
- Physical:
  - Address Space ..... APG-3.2
  - Device Table ..... See Also PDT, GEN-3.5.1.22, 3.5.1.23, SVC-11.2
  - Record:
    - Size Default ..... FPG-11.2.4
    - Length ..... SPG-2.1.3.1
    - Length (PRECL) ..... COB-2.7.1
  - Records ..... SPG-2.1.3.1, SVC-7.2.1.1
  - Memory Size ..... GEN-4.10
  - Security Measures ..... SEC-5.4
- Picture Disk Diagnostic ..... OND-4.3
- PITCH/SFL LED 850 ..... OPE-T.2.2.3
- Placement Cursor ..... EDT-3.1.1
- Planning Overlay ..... LNK-6.2
- Platen Release Lever LQ45 ..... OPE-FR-9
- Playback/Record Control Switches and Indicators 733 ASR/KSR ..... OPE-TB-2
- PLAYBACK/RECORD CONTROL Switches (Switch Panel Middle Row) ..... OPE-FB-7
- Point:
  - Definition Tags Entry ..... LNK-A.3
  - End Action Entry ..... APG-3.6
- Pointer:
  - Type Variables ..... PPG-7.3.9.2
  - Workspace ..... REF-3.8, F3-5
- Pop String From Stack (POPS) Instruction ..... ARF-3.102
- Port Selection 850 ..... OPE-T.2.1.2, TT-2
- Position:
  - Expansion ..... GEN-3.5.1.16
  - Map ..... LNK-1.3.3
- Postallocated Portion ..... LNK-4.3
- Power:
  - Failing Interrupt ..... ARF-4.5.1.1
  - Failure Handling ..... CON-1.1, 9.3
  - Off 931 VDT ..... OPE-G.1.2.1
  - On Interrupt ..... ARF-4.5.1.1
  - On 931 VDT ..... OPE-G.1.2.1
  - Removal DS10 ..... OPE-J.1.2.2
  - Switch Location LQ45 ..... OPE-FR-5
- POWER:
  - Control 855 ..... OPE-U.2.1.1
  - Indicator:
    - Business Systems ..... OPE-2.2.2.3
    - 990 ..... OPE-2.2.1.1
- Power-Down:
  - Procedure WD500 ..... OPE-M.1.6.2
  - 810 Printer ..... OPE-S.1.5
  - 990 CPU ..... OPE-2.4
- Power Failure Recovery ..... GEN-3.4.13, OPE-12.1
  - TILINE Disk ..... OPE-12.3
  - VDT ..... OPE-12.2

**POWER LED 850**

POWER LED 850 .....	OPE-T.2.2.1
Power-Up:	
DS50 .....	OPE-K.2.2
DS200 .....	OPE-K.3.2
DS300 .....	OPE-K.3.2
Initialization Entry Point .....	SPG-5.4.2.3
Initialization HSR Subroutine .....	SPG-5.7.1
Parameters:	
850 .....	OPE-T.3
855 .....	OPE-U.3
Procedure WD500 .....	OPE-M.1.6.1
Tests:	
850 .....	OPE-T.3
855 .....	OPE-U.3
810 Printer .....	OPE-S.1.4
Preallocated Portion .....	LNK-4.3
Preanswered Parameters for Sysgen .....	GEN-2.3.1, GEN-4.1, GEN-T4.1
Precision, Real Numbers Double .....	ARF-2.8.7
PRECL .....	COB-2.7.1
Preconnection FORTRAN Unit .....	FPG-5.1
Predefined:	
Access Group .....	SEC-2.2
Interrupt .....	ARF-4.5.1.1
Symbols .....	ARF-2.7.1
Preemption .....	SVC-4.9
Prelog-On Procedures 990 CPU .....	OPE-2.1
Preparation:	
Directory .....	PPG-3.2
File .....	PPG-3.2
Preprocessor .....	PPG-5.2.2
Listing Example .....	PPG-F5-1
Options .....	PPG-5.3.9
Summary .....	PPG-5.5.1
Previous Character Key:	
Backspace One Character Function .....	EDT-2.2.14
Move Cursor Left Function .....	EDT-2.2.27
Previous Field Key, Back Tab Function .....	EDT-2.2.15
Previous Line Key, Move Cursor Up Function .....	EDT-2.2.24
PRGMSG Procedure .....	PPG-10.11.3
Primary:	
Directory .....	OPE-5.3
Key .....	SVC-7.2.1.1
KIF Key .....	SPG-2.3.4.3
Status Line .....	OPE-G.1.3.1
Primitive:	
Batch Stream SCI .....	SPG-3.6
Error Processing SCI .....	SPG-3.7
Notation SCI .....	REF-T2-4
SCI .....	COB-10.2.1, REF-T2-5, SCI-1.3, SPG-3.2.1
.BID .....	APG-8.2.1, SPG-3.5.9
.DATA .....	APG-2.3.5.4, SPG-3.5.13
.DBID .....	APG-8.2.1, SPG-3.5.10
.EOD .....	APG-2.3.5.4, SPG-3.5.13
.EOP .....	SPG-3.5.1
.OPTION .....	SCI-3.4.2, SPG-3.5.16
.PROC .....	SPG-3.5.1
.QBID .....	APG-8.2.1, SPG-3.5.11
.USE .....	APG-2.3.1, SCI-3.4.2
Primitives .....	SPG-3.5
Print:	
CONTRAST Control 743 KSR .....	OPE-FC-3

## Print (Continued)

File Exercise:	
Hard-Copy Terminal	EDT-5.3.5
VDT	EDT-4.3.5
Mode	GEN-3.5.1.24
Width	PPG-5.3.9.3
Wheel Motor Assembly Release Button, LQ45	OPE-FR-7
Print File (PF) Command	OPE-8.2, SPG-11.4, FPG-2.9.5
PRINT MODE Subparameter	GEN-3.5.1.24, T3-22
Printer	SVC-6.8
Associated	GEN-3.5.1.3
Character Set Line	SVC-TB-10
Characteristics	SVC-6.8.6
LP300	CON-T1-1
LP600	CON-T1-1
LQ55	CON-T1-1
Parallel	GEN-3.5.1.24
Ribbon Assembly LP300/600	OPE-FQ-4
Serial	GEN-3.5.1.24
810	CON-T1-1, OPE-FS-1
840 RO	CON-T1-1
850	CON-T1-1, OPE-FT-1
855	CON-T1-1, OPE-FU-1
Printhead Adjustment Lever:	
850	OPE-FT-8
855	OPE-FU-8
Printhead Adjustment, 810 Printer	OPE-S.1.6.2
Printing:	
KIF SCI Command Sequences	REF-1.6.1
850:	
Compressed	OPE-T.5.3.1
Double-Strike	OPE-T.5.3.3
Double-Wide	OPE-T.5.3.2
Emphasized	OPE-T.5.3.4
Priority Task	APG-2.8.5, CON-4.4.1
Interrupt	ARF-1.4.13
Job	SVC-2.1, 2.2.1, 2.2.4
Level	APG-3.11.3, SVC-4.1, 4.6, OND-1.2.2.1, 3.3.2.3
Real-Time	CON-4.4.1, SVC-4.1, 4.6
Run-Time	CON-4.4.1
Scheduler Entry Point	SPG-5.4.2.6
Task Attributes	APG-3.11.3, 6.8.1
Time-Sharing (Static/Dynamic)	CON-4.4.1
Privilege:	
Access	CON-6.2, SVC-5.1, 8.2, 8.3.2.1, 8.3.3.1
File Access	CON-8.4.3
Levels of SCI Commands	SCI-T4-5, 2.2.8, T2-1
Software	SVC-3.1, 3.2
Privileged:	
Commands System Operator	OPE-9.1
Mode Bit	ARF-1.4.8
Task Attributes	APG-3.11.1, 6.8.1
Hardware	APG-3.11.1.1
Software	APG-3.11.1.2
User	APG-2.3.2, SCI-1.3
Problem Analysis Systems	CON-1.1
Procedure:	
COBOL	COB-F10-3
Command	SCI-1.3
Commands Shared	LNK-2.2, T2-1
Data	FPG-4.3.2
Dirty	FPG-4.3.2

**Procedure (Continued)**

Example Shared .....	LNK-F1-1
GETMSG .....	PPG-10.11.2
IDATE .....	PPG-10.9.2
Installation .....	APG-6.8
KEY\$FILE .....	PPG-10.4.1
Library .....	SPG-3.2.2
Pure .....	APG-3.8, FPG-4.3.2
Reentrant .....	APG-3.7, 3.8, FPG-4.3.2
SCI .....	COB-F10-1
Segment .....	APG-3.3, 3.7, 6.8.3, COB-5.3.2, FPG-F4-1, LNK-1.3.2, 2.3.28, 4.2, SVC-3.1, 3.3, 3.6, 3.8, 3.9, 4.2, 4.3, 10.5
Attached .....	LNK-1.3.2
Shared .....	LNK-4.2
Segments:	
Linking .....	LNK-Section 4
Reentrant .....	COB-5.3.2
Shared .....	APG-3.7
Shared .....	APG-3.7, 3.8, 6.8, LNK-1.3.2, 2.3.4, 2.3.8
SYSCOM .....	PPG-10.12.1
Tailored SCI .....	COB-F10-2
Tailoring Command .....	COB-10.2.5
WD500:	
Power Down .....	OPE-M.1.6.2
Power Up .....	OPE-M.1.6.1
Procedures:	
Command .....	SEC-4.9
Dumping the Crash File SCI .....	REF-1.6.10
Forcing a System Crash SCI .....	REF-1.6.12
Installing .....	PPG-7.2.4
IPL .....	REF-1.6.10, 1.6.11
Link Editor Task, Two .....	APG-6.6.3, F6-4
Multiple Tasks Sharing Two .....	PPG-F7-4, F7-7
Semaphore .....	PPG-10.15
System Common Access .....	PPG-10.12
System Crash .....	REF-1.6.9
Time and Date .....	PPG-10.9
TLF Displays .....	REF-T2-3
PROCEDURE Command .....	LNK-2.3.28, 4.3
PROCEDURE Directive .....	APG-3.8
PROCEDURE Link Editor Command .....	FPG-4.6.7, T4-1
Procedure/Task Structure .....	LNK-4.2
Control Stream .....	LNK-4.3
Example Listing File .....	LNK-4.4
Link Map .....	LNK-4.4
Proceed From Breakpoint — Pascal (PBP) Command .....	PPG-9.3.2.4
Proceed From Breakpoint (PB) Command .....	APG-8.2, 8.3.3, 8.3.4.3, 8.3.6.4, 9.7
Process:	
Configuration .....	PPG-6.3.4
Command Example .....	PPG-6.3.4.4
Modify .....	PPG-6.3.8
Text Editing .....	PPG-6.3.104
Linking .....	LNK-3.1
Record .....	PPG-8.3.3, F8-3
Processing:	
Commands Symbol .....	LNK-2.2, T2-1
Error .....	LNK-2.3.10, 3.3.2
Macro .....	ARF-7.2
OUTPUT Contents Full Compilation Deferred .....	PPG-F6-4
Partial Compilation Deferred .....	PPG-F6-7
Utility Configuration .....	PPG-6.1
XOP .....	SPG-1.3.6



**Processor**

Processor:	
Command	SCI-1.3
Configuration	PPG-6.3
SCI Command	SCI-2.2.1
Productivity:	
Options, System	CON-3.3
Tools	COB-9.1, FPG-1.4, 7.1, PPG-12.1
Program	APG-3.1, COB-1.3
Area	LNK-2.3.29
Building Via Text Editor	COB-3.5
Command Split	PPG-6.4.1
Considerations LUNO I/O:	
TX5	PPG-7.6.3
TX990	PPG-7.6.3
Control	OPE-10.3
SVCs	CON-T4-1
Counter	ARF-1.2.4, 1.2.5
Instruction Store	ARF-3.130
Relative Address	ARF-3.2.4, 3.2.6
Relative Addressing	ARF-3.2.6
Creation Source	FPG-3.1
Development	REF-4.2
File Used for	FPG-3.2.1
Files Required for	COB-T3-1
Overview	PPG-1.3
Directive	APG-6.4
End (PEND) Directive	ARF-5.3.5, 5.3.5.2
Execute	OPE-10.3
Execution	APG-7.1, FPG-5.3.5.4, 5.5, 5.6
SVC	APG-7.3
With a Batch Stream	FPG-5.6
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Real Instruction:

- Multiply ..... ARF-3.93
- Negate ..... ARF-3.98
  - Double Precision ..... ARF-3.97
- Numbers ..... ARF-2.8.6, 2.8.7
- Store ..... ARF-3.131
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Real Numbers Double Precision ..... ARF-2.8.7

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- Priority ..... CON-4.4.1, SVC-4.1, 4.6
- Task ..... APG-6.8.10

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- Cabinet Controls and Indicators 804 ..... OPE-FV-3
- Panel WD800 ..... OPE-FN-1
- View External Controls ..... OPE-FD-2

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- Recursive Subprogram ..... FPG-9.3.2
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- Locking ..... CON-8.4.4, SPG-2.1.2.2, SVC-Section 7
- Logical ..... FPG-11.2.2, 11.2.3, SPG-2.1.3.1, SVC-7.2.1.1
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- Power Failure ..... CON-1.1, 9.3, OPE-12.1
- SCI Command Sequences Spooler ..... REF-1.6.3
- TILINE Disk Power Failure ..... OPE-12.3
- VDT Power Failure ..... OPE-12.2

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- Calling Sequence ..... FPG-10.9

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- Receiving Sequence for a ..... FPG-9.3.2

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- Procedure ..... APG-3.7, 3.8, FPG-4.3.2
  - Segments ..... COB-5.3.2
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Cassette .....	SVC-6.7.2
Magnetic Tape .....	SVC-6.9.2
TPD .....	SVC-6.5.3
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**Ribbon**

- Ribbon:
  - Advance Control LQ45 ..... OPE-FR-3
  - Cartridge Installation:
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    - 855 ..... OPE-U.6.1
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**Shared  
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    - SCI ..... COB-2.3.3, SCI-2.3.2, PPG-2.3.3
      - Example ..... SCI-2.3.2.5
  - Mode, SCI ..... PPG-2.3.3
  - Modification Listing File ..... EDT-4.4.1
  - Power Failure Recovery ..... OPE-12.2
  - Print File Exercise ..... EDT-4.3.5
  - Read Example ..... SVC-6.3.3.17
  - Resource-Independent I/O ..... SVC-6.3.2
  - Resource-Specific I/O ..... SVC-6.3.3
  - Revise File Exercise ..... EDT-4.4
  - Screen Description TIFORM ..... COB-F9-2
  - Source ..... PPG-10.5.4
  - Terminal-Specific Information ..... SVC-6.3.4
  - Terminating Text Editor Exercise ..... EDT-4.3.4
  - Type Subparameter ..... GEN-3.5.1.31
    - 911 ..... CON-T1-1, GEN-3.5.1.31
    - 931 ..... CON-T1-1, GEN-3.5.1.3, 3.5.1.31
    - 940 ..... GEN-3.5.1.3, 3.5.1.31
- Vector (OEV) Table Overlay Entry ..... LNK-6.2.2
- Vectors Transfer ..... ARF-1.2.4
- Verbs ..... ARF-7.5
  - Command ..... See Name or Mnemonic of Individual Command Verb
  - Of the SCI Command Names ..... SCI-T1-1
  - ON Command ..... OND-3.7.3
- Verification Pathname ..... SVC-7.2.1.5
- Verify:
  - Backup (VB) Command ..... OPE-6.3.6
  - Backup Output Listing ..... OPE-F6-4



## Verify (Continued)

- Copy Command ..... OPE-6.3.2
- Output Listing ..... OPE-F6-3
- Vertical:
  - Format Recall 810 Printer ..... OPE-S.1.6.12
  - Format Storage 810 Printer ..... OPE-S.1.6.11
  - Tab Adjustment 810 Printer ..... OPE-S.1.6.7
  - Tab Clear 810 Printer ..... OPE-S.1.6.8
- Video Display Terminal ..... See VDT
- Diagnostic Task ..... OND-5.4
- I/O ..... SVC-6.3
- Unit 931 VDT ..... OPE-G.1.2
- Volume:
  - Backup Utilities ..... OPE-T6-1
  - Copying ..... SEC-6.4
  - Disk ..... SVC-9.1
  - Loading ..... SVC-9.3
  - Name ..... APG-2.4.1, COB-2.4.1, PPG-2.4.1, OPE-5.3, FPG-2.4.1
  - Unloading ..... SVC-9.4
- VT Subparameter Response ..... GEN-T3-26
- W:
  - Command ..... GEN-3.6
  - Tag Character ..... APG-5.2.4.1
- Wait for Operator Response Routine ..... SPG-3.10.6.3
- Wait on Diagnostics (WD) Command Verb ..... OND-3.6.2
- Wait (W) Command ..... GEN-3.6, FPG-2.3.4.3
- Warning:
  - Beep Flag ..... SVC-6.3.3.16, 6.5.3.8
  - Message Assembler ..... APG-5.2.2
  - Messages ..... APG-8.3.3.4, ARF-9.2, LNK-9.1
    - Assembler ..... APG-5.2.2
    - Listing File ..... LNK-T9-2
    - SDSMAC ..... ARF-9.3, T9-1
- WD Command Verb ..... OND-3.6.2
- WD500:
  - Controls and Indicators ..... OPE-FM-2
  - Disk:
    - Drive ..... CON-T1-1
    - Formatting ..... OPE-M.1.5
    - Unit ..... OPE-FM-1
  - Diskette:
    - Care and Handling ..... OPE-M.1.3
    - Formatting ..... OPE-M.1.5
    - Installation ..... OPE-FM-4
    - Loading ..... OPE-M.1.4.1
    - Removal ..... OPE-M.1.4.2
    - Write-Protect Methods ..... OPE-FM-3
  - Front Panel LED Definitions ..... OPE-TM-1
  - Power Down Procedure ..... OPE-M.1.6.2
  - Power Up Procedure ..... OPE-M.1.6.1
- WD800:
  - Diagnostic Error Codes ..... OPE-TN-1
  - Front Panel ..... OPE-FN-2
  - Rear Panel ..... OPE-FN-1
  - Unit Select Addresses ..... OPE-TN-2
  - WD800/18 Disk Drive ..... CON-T1-1
  - WD800/43 Disk Drive ..... CON-T1-1
- WD800A:
  - WD800A/38 Disk Drive ..... CON-T1-1
  - WD800A/69 Disk Drive ..... CON-T1-1
  - WD800A/114 Disk Drive ..... CON-T1-1

**WD900**

WD900:

- Air Flow System ..... OPE-FW-2
- Control Board ..... OPE-FW-1
- Front Panel ..... OPE-FW-1
- WD900/138 Disk Drive ..... CON-T1-1
- WD900/425 Disk Drive ..... CON-T1-1
- Well-Defined Expressions ..... ARF-2.5
- Width Print ..... PPG-5.3.9.3
- Word ..... APG-8.3.1.10
  - Address ..... ARF-1.2.1
  - Boundary ..... ARF-1.2.2
  - Boundary (EVEN) Directive ..... ARF-5.3.1, 5.3.1.6
  - (DATA) Directive Initialize ..... ARF-5.3.3, 5.3.3.2
  - Instruction Move ..... ARF-3.87
  - Instruction Subtract ..... ARF-3.107
  - Memory ..... ARF-1.2.2
  - Wrap Function, CTRL C Key ..... EDT-2.3.3
  - Wrap Function, F3 Key ..... EDT-2.2.4
- Workspace ..... APG-8.3.1.12, ARF-1.2.6, PPG-11.4.1
- Cache ..... ARF-1.3, 4.3.1, 4.3.2.4, 4.3.2.9, 4.3.3.3, 4.3.3.4
- Pointer ..... REF-3.8, F3-5
  - Register ..... ARF-1.2.7
    - Instruction Load ..... ARF-3.84
  - Immediate Instruction Load ..... ARF-3.85, 4.2.3
  - Instruction Return ..... ARF-4.2.3
    - Store ..... ARF-3.133
  - (WPNT) Directive ..... ARF-5.3.3, 5.3.3.6
- Register ..... APG-8.3.2.8, REF-3.8, F3-5, T3-4
  - Address ..... ARF-3.2.1
  - Address, Indirect ..... ARF-3.2.2
  - Addressing ..... ARF-3.2.1
  - Cache ..... ARF-1.3
  - Indirect Addressing ..... ARF-3.2.2
  - Indirect Autoincrement Addressing ..... ARF-3.2.3
- WP DISPLAY Switch 990 ..... OPE-2.2.1.10
- WP ENTER Switch 990 ..... OPE-2.2.1.14
- WPNT Directive ..... ARF-5.3.3, 5.3.3.6
- Writable Control Store ..... ARF-1.3
  - Bit ..... ARF-1.4.12
  - Instruction Load ..... ARF-3.71
  - Task Attributes ..... APG-3.11.11, 6.8.1, 6.8.3, 6.8.5
- Write:
  - Access Right ..... SEC-2.3.3
  - Access Secure File ..... OPE-4.2.3
  - Deferred Mode ..... SVC-7.2.1.12
  - EOL to File Routine ..... SPG-3.10.2.4
  - Immediate Mode ..... SVC-7.2.1.1, 7.2.1.12
  - Protection ..... SPG-2.1.2.1, SVC-7.1.3.1
    - FD1000 Diskette ..... OPE-L.3, FL-2
    - File ..... CON-8.4.2
  - Operation Conditions ..... SVC-6.3
  - Operational Parameters HSR Subroutine ..... SPG-5.7.6
  - Output Signal or Function HSR Subroutine ..... SPG-5.7.2
  - Statement:
    - Calling Sequence for a ..... FPG-10.4
    - Unformatted ..... FPG-11.2.3
  - To Disk:
    - Deferred ..... CON-8.4.7
    - Immediate ..... CON-8.4.7
  - To File Routine ..... SPG-3.10.2.3
  - With Reply ..... SVC-6.3.2.8

**Write-Protect File Operation**

Write-Protect File Operation	SEC-3.5.1
Write-Protect Methods WD500 Diskette	OPE-FM-3
WRITE Statement	COB-12.2
Writer Task Output Spooler	OPE-8.1.1
X:	
Tag Character	APG-5.2.4.1
Instruction	ARF-3.143, 3.143.1
Option	FPG-3.3.8, FB-3
XA Command Verb	OND-3.3.1
XANAL	SPG-8.2
XANAL Commands	SPG-T8-3
XANAL Listing	SPG-8.2.1
XB Command	APG-2.3.5, 2.3.5.3, 5.3.2, COB-2.3.5, FPG-2.3.4, 2.3.4.3
XBJ Command	APG-2.3.5, 2.3.5.3, 5.3.3, OPE-10.2.3, COB-2.3.5, SPG-1.5.1.2, FPG-2.3.4.3
XCC Command	COB-4.2.2
XCCF Command	COB-4.2.1
XCLOSE KIF Entry Point	FPG-8.2.1
XCNGAC KIF Entry Point	FPG-8.2.1
XCODE Command	PPG-5.3.4
XCP Command	COB-6.2.2
XCPF Command	COB-1.3, 6.2.1
XCT Command	APG-2.3.1, COB-6.4.2
XCTF Command	COB-1.3, 6.4.1
XD Command	APG-8.2, 8.2.1, 8.2.2, 8.3.4.4, PPG-9.3.1.1
XD Command Verb	OND-3.3.2
XE Command	EDT-1.3, 3.18, OPE-4.5.1, APG-4.1, 4.5.1, 4.5.2, FPG-3.2.5
XES Command	EDT-1.3, 3.19, FPG-3.2.5, FPG-3.2.5
XF Instruction	ARF-3.144
XFERM Routine	SPG-5.5.12
XFT Command	FPG-5.4.2
XFTF Command	FPG-5.4.2
XF78 Command	FPG-3.3
XF78F Command	FPG-3.3
XGSU:	
Prompts	GEN-T3-6
Required Parameters	GEN-T3-7
XHT Command	APG-7.2.3, 8.2.1, 8.3.4.4, 8.3.4.5, 9.6
XINSRT KIF Entry Point	FPG-8.2.1
XIT Instruction	ARF-3.145
XJ Command	SPG-1.5.1.2
XJM:	
Command	OPE-16.3.2
Output Listing	OPE-F16-7
XLE Command	LNK-3.4, APG-2.3.5.2, 6.3, 9.4, COB-1.3, 3.5, FPG-2.3.5.2
XMA Command	APG-5.1, 9.3
XMA Instruction	ARF-G.2
XMEM Command Verb	OND-3.3.3
XNESTER Command	PPG-4.4
XODD Command	OND-2.5.1
XOI Command	OPE-9.2
XOP	SPG-1.1
Instruction	APG-3.5, ARF-3.146, 3.146.1
Processing	SPG-1.3.6
Vectors	SPG-8.2.1.9
XOPNRN Key Indexed File Handler Argument	FPG-8.2.1
XOR Instruction	ARF-3.147
XORM Instruction	ARF-3.148
XPD:	
Command	GEN-5.6.1, OPE-16.4.4
Display Field Description	GEN-T5-1

**XPD (Continued)**

Output Listing .....	GEN-F5-2, OPE-F16-12
XPP Command .....	PPG-5.3.5
XPT Command .....	APG-2.3.1, PPG-7.2.5
XPX Command .....	PPG-5.3.6
XRASS Command .....	PPG-13.3
XRDCHR KIF Entry Point .....	FPG-8.2.1
XREF Assembler Option .....	APG-5.1
XSCU Command .....	GEN-5.2, 5.7
Example .....	GEN-5.10
XSGU Command .....	GEN-1.3.2, 3.3
XSILT Command .....	PPG-5.3.3
XSLA Command Verb .....	OND-3.3.4, 6.4.2
XT Command .....	APG-2.3.1, 7.2.1, 8.2.1
XTIP Command .....	PPG-5.3.1
XTIPL Command .....	PPG-5.3.2
XTS Command .....	APG-7.2.2, 9.8
XV Instruction .....	ARF-3.149
XVEC Instruction .....	ARF-6.1, 6.4
X.25 Protocol .....	CON-3.5.1.2
Y Tag Character .....	APG-5.2.4.1
YESNO Field Prompt Type .....	SPG-3.4.4.8
Z Tag Character .....	APG-5.2.4.1
Zeros Corresponding (BYTE) Instruction Set .....	ARF-3.137
Zeros Corresponding Instruction Set .....	ARF-3.136
\$ASG Verb .....	ARF-7.5.3
\$BLOCK .....	LNK-4.3
\$CALL Verb .....	ARF-7.5.8
\$ELSE Verb .....	ARF-7.5.10
\$END Verb .....	ARF-7.5.12
\$ENDIF Verb .....	ARF-7.5.11
\$EXIT Verb .....	ARF-7.5.7
\$GOTO Verb .....	ARF-7.5.6
\$IF Verb .....	ARF-7.5.9
\$LDCR Procedure .....	PPG-10.2.1
\$MACRO Verb .....	ARF-7.5.1
\$NAME Verb .....	ARF-7.5.5
\$SBO Procedure .....	PPG-10.2.2
\$SBSTG Verb .....	ARF-7.5.4
\$SBZ Procedure .....	PPG-10.2.3
\$STCR Procedure .....	PPG-10.2.4
\$TB Function .....	PPG-10.2.5
\$TIP Synonym .....	PPG-5.2.1
\$VAR Verb .....	ARF-7.5.2
\$\$BT Synonym .....	COB-10.2.3.6
\$\$CC Synonym .....	SPG-11.5, COB-10.2.3.4
\$\$DA Synonym .....	SPG-11.5, FPG-5.7
\$\$EA Synonym .....	SPG-11.5
\$\$LU Synonym .....	COB-10.2.3.5
\$\$MO Synonym .....	COB-10.2.3.1
\$\$ST Synonym .....	COB-10.2.3.2
\$\$UI Synonym .....	COB-10.2.3.3
.BID Primitive .....	APG-8.2.1, SPG-3.5.9
.DATA Primitive .....	APG-2.3.5.4, SPG-3.5.13
.DBID Primitive .....	APG-8.2.1, SPG-3.5.10
.ELSE Primitive .....	COB-10.2.1.6, SPG-3.5.2
.ENDIF Primitive .....	COB-10.2.1.6, SPG-3.5.2
.EOD Primitive .....	APG-2.3.5.4, SPG-3.5.13

**.EOP Primitive**

.EOP Primitive	SPG-3.5.1
.EVAL Primitive	COB-10.2.1.4, SPG-3.5.6
.EXIT Primitive	COB-10.2.1.5, SPG-3.5.5
.IF Primitive	COB-10.2.1.6, SPG-3.5.2
.LOOP Primitive	COB-10.2.1.7, SPG-3.5.7
.MENU Primitive	COB-10.2.1.9, SPG-3.5.17
.MESSAGES.TEXT Directory	SPG-9.2.1, 10.5
.MSTAT78.OBJ	FPG-4.6.14.6
.OPTION Primitive	SCI-3.4.2, COB-10.2.1.8, SPG-3.5.16
.OPTION Primitive, Use With International ASCII	SPG-10.4
.PROC Primitive	SPG-3.5.1
.PROMPT Primitive	SPG-3.5.3
.QBID Primitive	APG-8.2.1, SPG-3.5.11
.RBID Primitive	SPG-3.5.12
.REPEAT Primitive	COB-10.2.1.7, SPG-3.5.7
.SCI990 Directory	SEC-4.9.1
.SCI990 Library	SPG-3.9.1
.SHOW Primitive	COB-10.2.1.2, SPG-3.5.18
.SPLIT Primitive	SPG-3.5.8
.STOP Primitive	COB-10.2.1.10, SPG-3.5.14
.SVC Primitive	SPG-3.5.19
.SYN Primitive	COB-10.2.1.3, SPG-3.5.4
.\$\$ACCCHN Channel	SPG-1.2
.\$\$ACT1	SVC-10.4, SPG-1.1.2.4, 6.1
.\$\$ACT2	SVC-10.4, SPG-1.1.2.4, 6.1
.\$\$CDT Directory	SPG-1.1.2.4
.\$\$CDTQUE Directory	SPG-1.1.2.4
.\$\$CLF File	SPG-1.1.2.4
.\$\$CMDS:	
Command Procedure Library	SPG-11.4
Directory	SPG-12.9, 1.1.2.4
.\$\$CRASH File	SPG-1.1.2.4
.\$\$DIAG File	SPG-1.1.2.4
.\$\$DSTCHN Channel	SPG-1.2
.\$\$EXPMMSG Directory	SEC-4.9.1, SPG-1.1.2.4
.\$\$IPL File	SPG-1.1.2.4, 1.4.3
.\$\$ISBTCH File	SPG-1.1.2.4, 1.4
.\$\$ISLIST File	SPG-1.1.2.4
.\$\$LANG File	SPG-1.1.2.4
.\$\$LOG1 File	SEC-5.6, SPG-1.1.2.4
.\$\$LOG2 File	SEC-5.6, SPG-1.1.2.4
.\$\$MAIL Channel	SPG-1.2
.\$\$MSG Directory	SPG-1.1.2.4, 9.2, SEC-4.9.1
.\$\$MVI File	SPG-1.1.2.4
.\$\$OPER Channel	SPG-1.2
.\$\$OSLINK Directory	SEC-4.9.1
.\$\$PROGA	FPG-4.3.4
.\$\$PWCS File	SPG-1.1.2.4
.\$\$ROLLA, \$\$ROLLD Files	SPG-1.1.2.4
.\$\$ROLLD Directory	SEC-4.9.1
.\$\$SCA File	SPG-1.1.2.4
.\$\$SDTQUE Directory	SPG-12.12.1, SEC-4.9.1
.\$\$SDTQUE.\$\$BANNER File	SPG-12.13.1.1
.\$\$SECURE File	SPG-1.1.2.4
.\$\$SGUS\$ Directory	SEC-4.9.1, SPG-1.1.2.4
.\$\$SHARED	LNK-4.3, SVC-3.1
File	SPG-1.1.2.4
Program File	COB-5.3, APG-3.8, 3.11.4, 6.8
.\$\$SHIP Base Configuration in	GEN-T3-1
.\$\$SPOOL Channel	SPG-1.2
.\$\$SYSLIB Directory	SEC-4.9.1, SPG-1.1.2.4

**.\$\$\$SYSLIB.RCBMPD**

.\$\$\$SYSLIB.RCBMPD .....	COB-5.5.1
.\$\$\$SYSLIB.RCBNOIO .....	COB-5.5.1
.\$\$\$SYSLIB.RCBPRC .....	COB-5.5.1
.\$\$\$SYSLIB.RCBTSK .....	COB-5.5.1
.\$\$\$SYSLIB.RCBTSKD .....	COB-5.5.1
.\$\$\$SYSTEM Directory .....	SPG-1.1.2.4, 12.9
.\$\$\$SYSTEM.S\$HSTRY File .....	SPG-12.9
.\$\$USER Directory .....	SPG-1.1.2.4
.\$\$UTIL .....	SPG-6.3.3
File .....	SPG-1.1.2.4
Program File .....	APG-3.11.4, 6.8
.\$\$XBJ Channel .....	SPG-1.2
.UNTIL Primitive .....	COB-10.2.1.7, SPG-3.5.7
.USE Primitive .....	APG-2.3.1, SCI-3.4.2, COB-10.2.1.1, SPG-3.5.15
.VCATALOG Directory .....	OPE-5.3
.WHILE Primitive .....	COB-10.2.1.7, SPG-3.5.7
0 Command PHASE .....	LNK-3.3
0 Tag Character .....	APG-5.2.4.1, 5.2.4.4
1 Tag Character .....	APG-5.2.4.1
1-S-2 Switch Business Systems .....	OPE-2.2.2.1
12-Millisecond Test Clock Interrupt .....	ARF-4.5.1.5
13-Slot Chassis:	
Base System Configuration 990A13 .....	GEN-F3-1
CRU Base Address 990A13 and .....	GEN-F3-4
Interrupt Assignment .....	GEN-3.1.3, F3-7
17-Slot Chassis:	
Base System Configuration .....	GEN-F3-3
CRU Base Address .....	GEN-F3-5, F3-6
Interrupt Assignment .....	GEN-3.1.3, F3-8
2 Tag Character .....	APG-5.2.4.1
2780/3780 Communications Protocol Subparameter Responses .....	GEN-T3-16
3 Tag Character .....	APG-5.2.4.1
3270 ICS Communications .....	CON-3.4.2
3780 Emulator Communications Software .....	COB-9.6.2
3780/2780 Emulator Communications .....	CON-3.4.1
4 Tag Character .....	APG-5.2.4.1, 5.2.4.4
5 Tag Character .....	APG-5.2.4.1, 5.2.4.4
6 Tag Character .....	APG-5.2.4.1, 5.2.4.4
64-Character Layout 733 ASR/KSR Keyboard Standard* .....	OPE-FB-2
7-Bit Character Check Routine .....	SPG-5.5.7
7 Tag Character .....	APG-5.2.4.1, 5.2.4.4
733 ASR .....	SVC-6.4.3
ASCII Key Codes and Designations .....	SVC-T6-3
Character Validation .....	SVC-6.4.3.7
Data Terminal I/O .....	SVC-6.4
I/O Operations Call Block Extensions .....	REF-5.3.2.4
Key Designations and Codes for ASCII Mode .....	SVC-T6-3
Read Example .....	SVC-6.4.3.6
Resource-Independent I/O .....	SVC-6.4.2
Resource-Specific I/O .....	SVC-6.4.3
733 ASR/KSR .....	OPE-FB-2
Data Terminal .....	OPE-FB-1
ON LINE/OFF and POWER Switches .....	OPE-FB-4
Device Function Switches (Switch Panel Bottom Row) .....	OPE-FB-8, TB-3
Hard-Copy Data Terminal .....	CON-T1-1
Installing the Cassette .....	OPE-FB-10
Loading Paper .....	OPE-FB-9
Playback/Record Control Switches and Indicators .....	OPE-TB-2
Standard Keyboard:	
64-Character Layout .....	OPE-FB-2
96-Character Layout .....	OPE-FB-3

## 733 ASR/KSR (Continued)

Tape Cassette Write Tabs .....	OPE-FB-11
Control Switches (Switch Panel Top Row) .....	OPE-FB-6
Upper Switch Panel Controls and Indicators .....	OPE-FB-5
733/743 Data Terminal Character Set .....	SVC-TB-8
743 KSR:	
AC Power Switch .....	OPE-FC-2
Codes Generated:	
With CTRL Key Depressed .....	OPE-FC-6
With No Mode Key Depressed .....	OPE-FC-4
With NUM Key Depressed .....	OPE-FC-7
With Shift Key Depressed .....	OPE-FC-5
Data Terminal .....	OPE-FC-1
Paper Compartment .....	OPE-FC-8
Loading Diagram .....	OPE-FC-9
Print CONTRAST Control .....	OPE-FC-3
8-Bit Character Check Routine .....	SPG-5.5.7
8 Tag Character .....	APG-5.2.4.1, 5.2.4.4
804:	
Card Reader .....	CON-T1-1, OPE-FV-1
Controls and Indicators .....	OPE-FV-3
Operator Control Panel .....	OPE-FV-2
Rear Cabinet Controls and Indicators .....	OPE-FV-3
810 Printer .....	CON-T1-1, OPE-S.1, FS-1
Auxiliary Control Panel .....	OPE-S.1.1.2, FS-5
Baud Rate Setting .....	OPE-S.1.6.13
Characters-per-Inch Adjustment .....	OPE-S.1.6.4
Common Operation Problems .....	OPE-S.1.7
Control Panel Locations .....	OPE-FS-3
Controls and Indicators .....	OPE-FS-2
Fixed Form Length Adjustment .....	OPE-S.1.6.9
Initial Condition Change .....	OPE-S.1.6
Line Feed Adjustment .....	OPE-S.1.6.5
Lines-per-Inch Adjustment .....	OPE-S.1.6.3
Operator Control Panel .....	OPE-S.1.1.1, FS-4
Paper Loading .....	OPE-S.1.2
Diagram .....	OPE-FS-6
Parity Setting .....	OPE-S.1.6.14
Perforation Skip Adjustment .....	OPE-S.1.6.6
Power Down .....	OPE-S.1.5
Power Up .....	OPE-S.1.4
Printhead Adjustment .....	OPE-S.1.6.2
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## SVC Index

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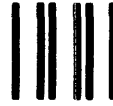
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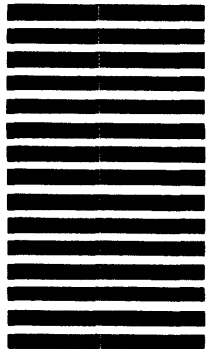
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