



Application System/400™

GC21-9678-2

**Information Directory**





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### **Third Edition (September 1989)**

This major revision makes obsolete GC21-9678-1. Because this publication has been reorganized, it should be reviewed in its entirety. Additions to the library for this release are indicated by a vertical line to the left of the addition.

This edition applies to Release 2 Modification Level 0 of IBM Operating System/400 licensed program (Program 5728-SS1), and to all subsequent releases and modifications until otherwise indicated in new editions or technical newsletters. Changes are periodically made to the information herein; any such changes will be reported in subsequent revisions or technical newsletters. This publication is for planning purposes only. The information herein is subject to change before the products described become available.

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## About This Manual

This manual is of interest to anyone who will be using the AS/400 system publications library. It addresses questions like:

- How do I get a book if I need it and don't have it?
- What is online information and how do I use it?
- If I know what I want to do, how do I find which manual explains it?

and any more you might have. This manual will not tell you everything you want to know about a subject, rather, where to look for answers in the AS/400 publications library.

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## How This Manual Is Arranged

This manual is divided into three parts:

- Part 1, *Introduction to the AS/400 Library*, includes a generic overview of the manuals that make up the AS/400 library and shows how they relate to each other and the tasks involved with daily operation of your system. For example, if you know you want to set up AS/400 Office, you can find which manuals you'll need to do so. Descriptions of universal tasks and descriptions of the job activities of typical users of the AS/400 system are also included.

A section on finding the information provides a summary of how online information can help you, what types of online information exist, and how to access it. It also includes additional sources of information such as online education, question-and-answer function, technical information access, and video tapes.

- Part 2, *Publication Titles and Descriptions* provides an index of the manuals followed by a brief description of each manual in the AS/400 library. For example, if you wanted more information about the *Office Planning Guide*, you could look up the order number of the manual in the index and then go to the page where the manual is described. The descriptions of the manuals include who should use the manual, tasks that the manual covers, and the size of the manual with an approximate page count.
- Part 3, *Appendixes* provides lists which can help you with ordering, verifying, and finding a description of a manual.
  - Appendix A, "Checklist of Manuals," is a list of all of the manuals. You can use this list to check off the manuals you have received and see which others are available.
  - Appendix B, "Ordering Copies," is a list of all of the manuals with bill-of-forms numbers for ordering extra copies.
  - Appendix C, "Index of Short Titles," is a list of the manuals by short or familiar title. This list refers you to the page where you can find the description of the manual.
  - Appendix D, "Related Publications," is a summary of additional information such as SAA manuals and redbooks.

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## How To Use This Manual

This manual is primarily an information source for what is available in the AS/400 library and how to order the manuals. However, there are a number of different situations where this manual can help. For example:

### If...

you know the title of a manual but want to know more about what is in the manual,

you want to learn about how to use word processing but don't know which manual to use,

you want to know what information is actually available on the AS/400 system,

you are ordering manuals and want to order binders to put them in,

you want to keep track of the manuals you have received and see what else is available,

you want to order extra copies of manuals,

you want to find the description of the *BGU User's Guide and Reference* but don't know the order number,

you want to know if there are additional manuals for special circumstances,

you want to know what is new for this release,

### ... in the Information Directory

look in Part 2 "Index of Long Titles" for the name of the manual, then go to the page number listed for a description of the manual. You can also look in Appendix C, "Index of Short Titles" for the short title of the manual and find the page number from there.

identify the general area (for example, office) and look at the Office Library in Part 1, "Library Overview," find the task you want to do (learning) and the manual listed below that task about word processing (*Word Processing Learning Guide*).

consult "Finding the Information" in Part 1 which tells you how to access online information, and learn more about the system through online education and video tapes.

refer to Part 2, "Publication Titles and Descriptions" to look up the order number of the manual. At the end of the description the approximate page count is given. Then go to the end of that section to see what sizes of binders are available

go to Appendix A "Checklist of Manuals" and check off the manuals you have received and see what else is available.

go to Appendix B "Ordering Copies" to find out how to order single copies or groups of manuals,

go to Appendix C "Index of Short Titles", find the title in the list, and go to the page specified to read the description.

go to Appendix D "Related Publications", to find out the additional manuals that are related to the AS/400 system.

find the vertical lines (|) in the farthest left column. These marks indicate new manuals for this release.

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## **Part 1. Introduction to the AS/400 Library**

This section includes an overview of available products, an explanation of the library organization, overviews of library groups, descriptions of typical AS/400 users, and descriptions of universal tasks related to the AS/400 system.



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## Product Overview

The manuals you need to install and operate the system are shipped with the AS/400<sup>1</sup> products. There are also system manuals available that provide additional information for specific tasks. For example, there is a *CL Programmer's Guide* available for persons who write control language programs. The following is a list of hardware products and licensed programs that are available to support your system.

- Hardware products
  - 9404 System Unit
  - 9406 System Unit
- Licensed programs
  - AS/400 Advanced DBCS Printer Support
  - AS/400 Advanced Function Printing Fonts
  - AS/400 Application Development Tools
  - AS/400 BASIC
  - AS/400 Business Graphics Utility
  - AS/400 Communications Utilities
  - AS/400 Cryptographic Support
  - AS/400 Language Dictionaries
  - AS/400 Office — OfficeVision/400
  - AS/400 Pascal
  - AS/400 PC Support
  - AS/400 Performance Tools
  - AS/400 PL/I
  - AS/400 Point-of-Sale Communications Utility<sup>2</sup>
  - AS/400 Query
  - AS/400 System/36 Migration Aid
  - AS/400 System/38 Migration Aid
  - AS/400 System/38 Utilities
  - AS/400 TCP/IP Connectivity Utilities<sup>2</sup>
  - C/400<sup>1,2</sup>
  - COBOL/400<sup>1</sup>
  - Operating System/400 (OS/400)<sup>1</sup>
  - RPG/400<sup>1</sup>
  - SQL/400<sup>1</sup>

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<sup>1</sup> Application System/400, AS/400, C/400, COBOL/400, Operating System/400, OS/400, RPG/400, and SQL/400 are trademarks of the International Business Machines Corporation.

<sup>2</sup> Available after January 15, 1990.





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## Library Overview

The AS/400 system library consists of manuals, online information, video tapes, and supplemental information such as newsletters and technical reports. The manuals in the AS/400 library are categorized according to task or subject. For example, the manuals in the AS/400 library about programming exist in a sublibrary called *Application Programming*. All of the manuals in this sublibrary deal with some aspect of programming on the AS/400 system. The AS/400 library is divided into the following sublibraries:

- Planning
- Installation
- System Operations
- Application Programming
- Languages
- Utilities
- Application Development Tools
- Communications
- PC Support
- Office
- System Support

The next few pages show overviews of these sublibraries. To find your way around the library, the following overviews show you the manuals that are related to each other in each of the sublibraries. Find the task or subject which most accurately describes what you need information about and under that topic the manuals supporting that task or topic will be listed. You can then use the order number to find the description of that manual in Part 2, *Publication Titles and Descriptions*.

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# Planning Library

## Pre-Installation

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### ► New Products

*New Products Planning Information,*  
GA21-9984

### ► 9404

*Planning Guide – 9404,* GA21-9914

### ► 9406

*Planning Guide – 9406,* GA21-9913

### ► Communications

*Data Communications Planning Guide,*  
GA21-9902

*Network Planning Guide,* GC21-9861

### ► Migrating from System/36

*Migrating from System/36 Planning Guide,*  
GC21-9623

### ► Migrating from System/38

*Migrating from System/38 Planning Guide,*  
GC21-9624

## Post-Installation

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### ► Distribution

*Central Site Distribution Guide,* GA21-9993

### ► Office

*Office: OfficeVision/400 Planning Guide,*  
SC21-9626

### ► PC Support

*PC Support: Planning and Installation Guide,*  
SC21-8089

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# Installation Library

## Customer Information

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▶ **9404**

*Total System Package Installation Guide – 9404, SA21-9964*

*Preloaded System Guide, GA21-9574*

▶ **9406**

*Total System Package Installation Guide – 9406, SA21-9965*

*Preloaded System Guide, GA21-9574*

▶ **Configuration (Local)**

*Device Configuration Guide, SC21-8106*

▶ **Configuration (Remote)**

*Communications: User's Guide, SC21-9601*

▶ **Hardware**

*Installation Directory, GA21-9981*

▶ **Licensed Programs**

*Licensed Programs and New Release Installation Guide, SC21-9878*

▶ **Upgrade**

*System Upgrade Guide – 9404, SA21-9919*

## Service Personnel Information

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▶ **9404**

*Installation Guide – 9404, SY31-9066*

▶ **9406**

*Installation Guide – Customized – 9406*

▶ **Upgrade**

*System Upgrade Guide – 9406 (Volume 1), SA21-9906*

*System Upgrade Guide – 9406 (Volume 2), SA21-9979*

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## System Operations Library

### ► Introduction

*Information Directory*, GC21-9678  
*National Language Support Guide*, GC21-9877  
*System Concepts*, GC21-9802  
*Application System/400: A Programmer's View Video*, SV32-0609  
*System Introduction*, GC21-9766  
*System Operations for the New System Operator Video*, SV32-0603  
*System Operations for the System/36 Operator Video*, SV32-0604

### ► Printing

*System Operations: Advanced Function Printing by Example*, SC21-8181

### ► Operate

*System Operations: Operator's Guide*, SC21-8082  
*System Operations: Common Tasks*, GA21-9573  
*PC Support: Operations Reference*, SC21-8090  
*System Operations: Online Education Administering Guide*, SC21-9770  
*System Operations: Question-and-Answer Database Coordinator's Guide*, SC21-8086

### ► Use

*System Operations: Display Station User's Guide*, SC21-9744

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# Application Programming Library

► **Application Development Tools**

See Table 1, page 11

► **Communications**

*Communications: Asynchronous Communications Programmer's Guide*, SC21-9592

*Communications: Advanced Program-to-Program Communications and Advanced Peer-to-Peer Networking User's Guide*, SC21-9598

*Communications: BSC Equivalence Link Programmer's Guide*, SC21-9593

*Communications: Programmer's Guide*, SC21-9590

*Communications: Finance Communications Programmer's Guide*, SC21-8099

*Communications: Intrasystem Communications Programmer's Guide*, SC21-9864

*Communications: Point-of-Sale Communications Utility User's Guide*, SC21-9868 (available after January 15, 1990)

*Communications: Retail Communications Programmer's Guide*, SC21-9858

*Communications: SNA Upline Facility Programmer's Guide*, SC21-9594

*Communications: Transmission Control Protocol/Internet Protocol Guide*, SC21-9875 (available after January 15, 1990)

► **Database**

*Database Concepts Video*, SV32-0606

*Programming: Database Guide*, SC21-9659

SQL Programming Language

► **Data Management**

*Programming: Data Management Guide*, SC21-9658

*Programming: Data Description Specifications Reference*, SC21-9620

► **Examples**

*Communications: Distributed Data Management User's Guide*, SC21-9600

*Application Programming: Application Development by Example*, SC21-9852

► **Languages**

See Table 2, page 11

► **Programming**

*Programming: Control Language  
Programmer's Guide*, SC21-8077

*Programming: Control Language Reference*,  
SBOF-0481

*Programming: Command Reference  
Summary*, SC21-8076

*System Concepts*, GC21-9802

*Application System/400: A Programmer's  
View Video*, SV32-0609

*Programming: System Reference Summary*,  
SC21-8104

► **Programming Tools**

*Programming: Advanced Printer Function  
Guide*, SC21-9668

*Programming: Cryptographic User's Guide*,  
SC21-8080

*Programming: Cross System  
Product/Application Execution User's Guide  
and Reference*, SH23-0516

*Programming: Office Services Concepts and  
Programmer's Guide*, SC21-9758

*Programming: Performance Tools Guide*,  
SC21-8084

*Programming: GDDM Programming Guide*,  
SC33-0536

*Programming: GDDM Programming  
Reference*, SC33-0537

► **Security**

*Programming: Backup and Recovery Guide*,  
SC21-8079

*Programming: Security Concepts and  
Planning*, SC21-8083

► **System/36 Environment**

*Programming: Concepts and Programmer's  
Guide for the System/36 Environment*,  
SC21-9663

RPG II Programming Language

System/36 COBOL Programming Language

*Programming: System Reference for the  
System/36 Environment*, SC21-9662

► **System/38 Environment**

*Programming: System/38 Environment  
Programmer's Guide and Reference*,  
SC21-9755

► **Utilities**

See Table 3, page 12

► **Work Management**

*Programming: Work Management Guide*,  
SC21-8078

## Application Development Tools

The following table shows the application development tools manuals available. The tools are shown in the left column and the names of the manuals are shown across the top. A blank means there is not a manual by that name for that application development tool.

Table 1. Application Development Tools

Application Development Tool	User's Guide and Reference	User's Guide
Advanced Printer Function (APF)		SC21-9668
Character Generator Utility (CGU)		SC09-1170
Data File Utility (DFU)	SC09-1169	
Data File Utility (DFU) List for the System/36 Environment	SC09-1222	
Programming Development Manager (PDM)	SC09-1173	
Screen Design Aid (SDA)	SC09-1171, ST00-3296	
Source Entry Utility (SEU)	SC09-1172	

## Languages

The following table shows the programming language manuals. The languages are shown in the left column and the names of the manuals are shown across the top. A blank means there is not a manual by that name for that language. An asterisk (\*) means that the manual is available after January 15, 1990.

Table 2. Languages

Language	User's Guide and Reference	User's Guide	Programmer's Guide	Reference	Reference Summary
BASIC	SC09-1157				SX09-1050
C/400		*SC09-1303		*SC09-1308	*SX09-1139
CL			SC21-8077	SBOF-0481	SC21-8076
COBOL/400		SC09-1158	SC09-1240		SX09-1049
Pascal		SC09-1209		SC09-1210	
PL/I	SC09-1156				SX09-1051
RPG/400		SC09-1161		SC09-1089	
System/36 Compatible COBOL	SC09-1160			SX09-1047	
System/36 Compatible RPG II	SC09-1162				
System/38 Compatible COBOL	SC09-1159			SX09-1048	SX09-1048
System/38 Compatible RPG		SC09-1161		SC09-1089	
SQL/400			SC21-9609	SC21-9608	

## Utilities

The following table shows the utility manuals available. The utilities are shown in the left column and the names of the manuals are shown across the top. A blank means there is not a manual by that name for that utility. An asterisk (\*) means that the manual is available after January 15, 1990.

Table 3. Utilities

Utility	User's Guide and Reference	User's Guide	Installation Guide
Business Graphics Utility (BGU)	SC09-1167		
Communications			
Remote Entry Job (RJE)	SC09-1168		SC09-1201
Point-of-Sale Communications Utility		*SC21-9868	
Interactive Data Definition Utility (IDDU)		SC21-9657	
Sort	SC09-1164		
System/38			
System/38-Compatible DFU	SC09-1217		
System/38-Compatible Query	SC09-1218		



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# Communications Library

## ► Administration

*Communications: Distribution Services Network Administrator's Guide*, SC21-9588

## ► Examples

*Data Communications: Remote Work Station Networking Example*, SA21-9977

*Data Communications: SNA/SDLC 3270 Device Emulation and Remote Job Entry Example*, SA21-9987

## ► Planning

*Data Communications Planning Guide*, GA21-9902

*Network Planning Guide*, GC21-9861

*Office: OfficeVision/400 Planning Guide*, SC21-9626

*PC Support: Planning and Installation Guide*, SC21-8089

## ► Programming

*Communications: Advanced Program-to-Program Communications and Advanced Peer-to-Peer Networking User's Guide*, SC21-9598

*Communications: Asynchronous Communications Programmer's Guide*, SC21-9592

*Communications: BSC Equivalence Link Programmer's Guide*, SC21-9593

*Communications: Programmer's Guide*, SC21-9590

*Communications: Finance Communications Programmer's Guide*, SC21-8099

*Communications: Intrasystem Communications Programmer's Guide*, SC21-9864

*Communications: Point-of-Sale Communications Utility User's Guide*, SC21-9868 (available after January 15, 1990)

*Communications: Retail Communications Programmer's Guide*, SC21-9858

*Communications: SNA Upline Facility Programmer's Guide*, SC21-9594

## ► Programming Languages

See Table 2, page 11

## ► Setting Up

*Communications: Remote Job Entry Facility Installation Guide*, SC09-1201

## ► Using

*Communications: 3270 Device Emulation User's Guide*, SC21-9602

*Communications: Advanced Program-to-Program Communications and Advanced Peer-to-Peer Networking User's Guide*, SC21-9598

*Communications: User's Guide*, SC21-9601

*Communications: Communications and Systems Management User's Guide*, SC21-9661

*Communications: Distributed Data Management User's Guide*, SC21-9600

*Communications: Remote Job Entry Facility User's Guide and Reference*, SC09-1168

*Communications: Transmission Control Protocol/Internet Protocol Guide*, SC21-9875 (available after January 15, 1990)

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## PC Support Library

### ► Application Programming

*Programming: Control Language Reference, SBOF-0481*

*Programming: Command Reference Summary, SC21-8076*

*Programming: Security Concepts and Planning, SC21-8083*

### ► Communications

*Communications: Advanced Program-to-Program Communications and Advanced Peer-to-Peer Networking User's Guide, SC21-9598*

*Communications: User's Guide, SC21-9601*

*Communications: Distributed Data Management User's Guide, SC21-9600*

### ► Customization

*PC Support: Operations Reference, SC21-8090*

*PC Support: Technical Reference, SC21-8091*

### ► Diagnosis

*PC Support: Messages and Problem Analysis Guide, SC21-8093*

### ► Planning

*Network Planning Guide, GC21-9861*

*Office: OfficeVision/400 Planning Guide, SC21-9626*

*PC Support: Planning and Installation Guide, SC21-8089*

### ► Setting Up

*PC Support: Planning and Installation Guide, SC21-8089*

### ► Migrating from System/36

*System/36 to AS/400 Migration Aid User's Guide and Reference, SC09-1166*

### ► Migrating from System/38

*System/38 to AS/400 Migration Aid User's Guide and Reference, SC09-1165*

### ► Using

*System Operations: Display Station User's Guide, SC21-9744*

*System Operations: Operator's Guide, SC21-8082*

*PC Support: User's Guide, SC21-8092*

*System Operations: Common Tasks, GA21-9573*

*Office: OfficeVision/400 Word Processing User's Guide, SC21-9618*

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# Office Library

## ► Administration

*Communications: Distribution Services Network Administrator's Guide*, SC21-9588

*Office: OfficeVision/400 Setting Up and Administering Guide*, SC21-9627

*System Operations: Online Education Administering Guide*, SC21-9770

## ► Application Programming

*Programming: Control Language Reference*, SBOF-0481

*Programming: Office Services Concepts and Programmer's Guide*, SC21-9758

Programming Languages

Utilities

Application Development Tools

*System Concepts*, GC21-9802

## ► Decision Support

*Utilities: Business Graphics Utility User's Guide and Reference*, SC09-1167

*Utilities: Interactive Data Definition Utility User's Guide*, SC21-9657

*Query: User's Guide*, SC21-9614

*Programming: Structured Query Language/400 Programmer's Guide*, SC21-9609

## ► Learning

*Office: OfficeVision/400 Learning Guide*, SC21-9615

*Office Overview and Enrollment Video*, SV32-0602

*PC Support: User's Guide*, SC21-8092

*Office: OfficeVision/400 Word Processing Learning Guide*, SC21-9617

## ► Migrating from System/36

*System/36 to AS/400 Migration Aid User's Guide and Reference*, SC09-1166

## ► Migrating from System/38

*System/38 to AS/400 Migration Aid User's Guide and Reference*, SC09-1165

## ► Operation

*PC Support: Operations Reference*, SC21-8090

*PC Support: Messages and Problem Analysis Guide*, SC21-8093

*PC Support: User's Guide*, SC21-8092

## ► Planning

*Network Planning Guide*, GC21-9861

*Office: OfficeVision/400 Planning Guide*, SC21-9626

*PC Support: Planning and Installation Guide*, SC21-8089

## ► Setting Up

*Office Overview and Enrollment Video*, SV32-0602

*Office: OfficeVision/400 Setting Up and Administering Guide*, SC21-9627

*PC Support: Planning and Installation Guide*, SC21-8089

## ► Using

*Office: OfficeVision/400 Adapted Word Processing Function User's Guide*, SC21-9879

*Office: OfficeVision/400 Common Tasks*, GX21-9868

*Office: OfficeVision/400 User's Guide*, SC21-9616

*Office: OfficeVision/400 Word Processing User's Guide*, SC21-9618

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# System Support Library

## 9404 Service Representative

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### ► Installation

*Installation Guide – 9404, SY31-9066*

### ► Service

*Intermediate Process for Service and Support, SC21-9846*

*System Support: Analyzing Problems Guide – 9404, SY31-9064*

*System Support: Diagnostic Aids, LY21-0597*

*System Support: Parts Catalog – 9404, S131-0903*

*System Support: Service Guide – 9404, SY31-9051*

*System Support: Unit Reference Code Guide – 9404, SY31-9062*

*Twinaxial Work Station Controller Port Tester User's Guide, SA21-9944*

## 9406 Service Representative

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### ► Installation

*Installation Guide – Customized – 9406*

### ► Service

*Intermediate Process for Service and Support, SC21-9846*

*System Support: Analyzing Problems Guide – 9406, SY31-9063*

*System Support: Diagnostic Aids, LY21-0597*

*System Support: Parts Catalog – 9406, S131-0902*

*System Support: Processor I/O Card Unit Service Guide – 9406, SY31-9067*

*System Support: Service Guide – 9406, SY31-0683*

*System Support: Unit Reference Code Guide – 9406, SY31-9061*

*Twinaxial Work Station Controller Port Tester User's Guide, SA21-9944*

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## Who You Are and What You Do

The following information is provided to help you understand how the AS/400 publications are written and who they are written for. The description of each publication, found in Part 2, includes the tasks covered in the publication and the types of users for which that publication is written. The following are definitions of general categories of tasks and users of the AS/400 system.

### Typical Users

**Executive:** Responsible for business profitability such as control over processes, people, revenue, materials, assets, and sales.

**Principal/Manager:** Responsible for communications, management, and personnel tracking.

**Technical Professional:** Responsible for project or product design, document creation, specifications, reviews, and analyses.

**Business Professional:** Responsible for communications, management of schedules, and information tracking and screening.

**Administrator/Supervisor:** Responsible for managing office equipment and people, supervising training, and scheduling work activities.

**Administrative Secretary:** Responsible for answering the telephone, making travel arrangements, making copies, proofing office documents, handling mail, and filing.

**Correspondence Secretary:** Responsible for typing, editing, changing reports, specifications, forms, and manuals.

**Clerk:** Responsible for typing, maintaining business files and lists, adding, updating, and maintaining records, and searching business files for specific records or data.

**Work Station Operator:** Responsible for entering and verifying data into a predetermined format, including entering data.

**Data Processing (DP) Manager:** Responsible for daily system operation, scheduling and monitoring education for operators and users.

**Programmer:** Responsible for managing the system environment, systems architecture design, application flow, file layout, data requirements, audit controls, and backup and recovery procedures.

**Application Programmer:** Responsible for designing and programming business applications for the end user.

**System Operator:** Responsible for operating the console, responding to messages, running backup and recovery procedures, labeling and storing diskettes and tapes, and diagnosing any system malfunction initially (problem analysis.)

**Service Personnel:** Responsible for servicing the system.

## Universal Tasks

**Evaluation:** Judging the applicability of a system for your use.

**Planning:** Making decisions about the options the hardware or programs offer.

**Installation:** Preparing the system to do useful work such as installing hardware and programs.

**Administration:** Managing the data processing resources such as processor cycles, storage, communication paths, and programs.

**Operation:** Starting and stopping the system, checking and controlling programs, and recording system status.

**Customization:** Enhancing or extending the system to further benefit the use.

**Application Programming:** Designing, coding, compiling, running, debugging, and testing programs.

**Diagnosis:** Identifying the source of a system problem, describing the problem, reporting a new problem, and correcting the problem.

**End Use:** Using the system and its programs to achieve the purpose for which it was provided.

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## Finding the Information

When your system is set up and your licensed programs are installed, you can begin to use your system. You will see information on your display in the form of menus, entry displays, and list displays. The information on these displays may be all you need to do some tasks.

If you need more information, you can press the Help key to see the help information. Help information includes how to use the display and an explanation of each option on a menu, each prompt on an entry display, and each column on a list display.

If you need more detailed information, press F11 to see the Search Help Index display. On that display, you can request information about any topic you specify.

The online information (help information and help index topics) may be all you need to do many tasks. For more difficult tasks, you can use the "Library Overview" to find out which manual contains the information you need.

The following kinds of information are provided with the AS/400 system:

- Help for menus, displays, and control language commands
- Index search function
- Manuals
- Online education
- Question-and-answer function
- IBM product information
- Technical Information Exchange
- Video tapes

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## Help for Menus and Displays

The menus and entry displays guide you through basic tasks. You can press the Help key on any display to see information about the display. The type of help information provided depends on the location of the cursor when you press the Help key.

- For all displays, the following information is provided:
  - What the display is used for
  - How to use the display
  - How to use the command line if there is one
  - How to use the input fields if any
  - What function keys are active and what they do
- The following information is also provided for specific areas of the display:
  - Menus – what you can do with each option.
  - Entry (prompting) displays – meanings and use of all values for each prompt.
  - List displays – meaning and use of each column.

If the cursor is in an area for which information is available and you press the Help key, the information for that area is shown. Then, if you press F2 (Extended help), information for the entire display is shown.

If the cursor is in an area for which no specific information is available and you press the Help key, information for the entire display is shown. Then you can move forward or backward through the information for the entire display and for each area.

For assistance in entering a command, type the command on a command line and press F4 (Prompt) or the Help key. For assistance in selecting a command, press F4 (Prompt) without typing anything.

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## Index Search

In addition to online help information for all displays, the AS/400 system provides online information about many topics. This information includes glossary definitions of concepts, and procedures for common tasks. To view that information, do the following:

1. On any display, press the Help key.
2. While help for that display is shown, press F11 (Search index). You will see the Search Help Index display. On that display, you can ask the system to search for information about a specific topic. You can also view a list of all topics available.
  - To search for information about a specific topic, type the words or phrase that describes the topic, and press the Enter key.
  - To view a list of all topics available, press the Enter key without typing anything.

For additional information about how to use the index search function, press the Help key on the Search Help Index display.

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## Manuals

The AS/400 manuals are also available to give you additional information about system operation and other tasks. See the "Library Overview" for information on which manual to use when performing major tasks.

There is a list of all AS/400 manuals online. This list includes the full name of the manual, order number, and level so you can see which version is the most current. To see this list, select option 10 (User support and education) on the AS/400 Main menu or press F13 (User support) on any system menu. Then, on the User Support menu, select option 5 (AS/400 publications).



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## Online Education

Online education is supplied in the form of tutorials to help you learn about your AS/400 system online. To use the tutorials, select option 10 (User support and education) on the AS/400 Main menu or press F13 (User support) on any system menu. Then, on the User Support menu, select option 9 (Online education).

There are three types of online education available on the AS/400 system:

- Tutorial System Support
- Optional IBM online education
- Additional online education

### Tutorial System Support

This is a basic course on AS/400 concepts such as *System Security Concepts* and *Working with System Displays* that is delivered with each system. The course is tailored to specific user needs and is available to all system users, no matter what work station they are using. See the *System Operations: Online Education Administering Guide*, SC21-9770, for more information about this course.

To use Tutorial System Support:

1. Go to the User Support menu by selecting option 10 (User support and education) from the AS/400 Main Menu or by pressing F13 (User support) from any system menu.
2. Select option 9 for online education.
3. Press the Enter key.

For information about how to use the displays when enrolling in Tutorial System Support, press the Help key.

### Optional IBM Online Education

You may purchase optional online education courses from IBM. These courses of study cover more advanced subjects than Tutorial System Support. To use this optional online education, you must be using a personal computer as an independent work station on the AS/400 system. To install this type of course from IBM, see the instructions that accompany the course.

To use optional online education:

1. Go to the User Support menu by selecting option 10 (User support and education) from the AS/400 Main Menu or by pressing F13 (User support) from any system menu.
2. Select option 9 for online education.
3. Press the Enter key.

### Additional Online Education

You may also use AS/400 Online Education to present courses that were not developed by IBM. These can be courses written by other companies or courses you have developed yourself using SEF/PC. These courses can cover any topic and fulfill a wide range of educational needs.

To install a course purchased from a company other than IBM, see the instructions that accompany the course. To install a course you developed yourself using SEF/PC, see the *Online Education Administering Guide*.

To use additional online education:

1. Go to the User Support menu by selecting option 10 (User support and education) from the AS/400 Main Menu or by pressing F13 (User support) from any system menu.
2. Select option 9 for online education.
3. Press the Enter key.

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## Question-and-Answer Function

The question-and-answer function (Q & A) gives you access to information stored on either a local or remote system. The information might be supplied by IBM or another support organization (including your own). See the *System Operations: Question-and-Answer Database Coordinator's Guide*, SC21-8086, for more information on establishing a Q & A database on your system.

To use the Q & A function:

1. Go to the User Support menu by selecting option 10 (User support and education) from the AS/400 Main Menu or by pressing F13 (User support) from any system menu.
2. Select option 4 for Question & Answer.
3. Press the Enter key.

**Note:** Contact your local IBM branch office or IBM authorized remarketer for availability and eligibility requirements for access to remote IBM Q & A databases, IBM product information, and technical information exchange.

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## IBM Product Information

The IBM product information function gives you access to current IBM information, such as:

- Product announcement material
- Education announcements and schedules
- Technical support information and technical bulletins
- Publication abstracts

To access IBM product information:

1. Go to the User Support menu by selecting option 10 (User Support and education) from the AS/400 Main Menu or by pressing F13 (User support) from any system menu.
2. Select option 6 for IBM product information.
3. Press the Enter key.

**Note:** Contact your local IBM branch office or IBM authorized remarketer for availability and eligibility requirements for access to remote IBM Q & A databases, IBM product information, and technical information exchange.

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## Technical Information Exchange

Technical information exchange allows you to exchange files between your system and an IBM marketing support system. You can receive a file on your system from an IBM marketing support system. You can also send data from your system to an IBM marketing support system.

To use technical information exchange:

1. Type the Work with Technical Information Exchange (WRKTIE) command on any command line.
2. Press F4 (Prompt).

**Note:** Contact your local IBM branch office or IBM authorized remarketer for availability and eligibility requirements for access to remote IBM Q & A databases, IBM product information, and technical information exchange.

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## Video Tapes

There are VHS video tapes for the AS/400 system that can be ordered from your IBM branch office. These video tapes provide the basic concepts of the AS/400 system and lead the user to additional, detailed sources of information on the AS/400 system.

### **SV32-0602, Office Overview and Enrollment**

This video tape provides information on how an AS/400 Office user can do many of the office functions. These functions include working with mail and calendar information, and word processing. There is also a segment for office administrators on enrolling AS/400 Office users.

### **SV32-0603, System Operations for the New System Operator**

This video tape provides the new AS/400 system operator with a basic operational overview of the AS/400 system and the OS/400 operating system. This video tape helps familiarize the new system operator with the computer, and shows how to get more detailed sources of information on the AS/400 system.

### **SV32-0604, System Operations for the System/36 Operator**

This video tape provides the System/36 operator with a basic operational overview of the AS/400 system and the OS/400 operating system. This video tape helps familiarize the System/36 operator with the computer, and shows how to get more detailed sources of information on the AS/400 system.

### **SV32-0605, Application System/400: Introduction**

This video tape introduces the Application System/400 and compares it to the IBM System/36 and the IBM System/38. The strengths and enhanced functions of the AS/400 system are included.

### **SV32-0606, Database Concepts**

This video tape provides the programmer with information about the basic parts of the AS/400 database management system. This includes a definition of the AS/400 database, and information about data integrity, recovery, auditability, data independence, security, associations, and ways to access the data. The instructor in the video tape uses comparisons between database and file management systems to explain the concepts.

### **SV32-0607, Architecture**

This video tape provides the programmer with information on the advanced architecture of the AS/400 system. This includes information about the high-level machine, single-level store, object orientation, and capability-based addressing. The instructor in this video tape uses comparisons between traditional system architectures and the AS/400 system to explain the concepts.

### **SV32-0608, System/38 Environment**

This video tape provides the programmer with information on the capabilities and implementation of the AS/400 System/38 environment. This includes information about the functions of the environment, commands and command processing, and differences between System/38 environment on the AS/400 system and the System/38.

### **SV32-0609, Application System/400: A Programmer's View**

This video tape provides the new AS/400 application programmer, unfamiliar with the System/38, with information on the basic concepts of the AS/400 system. This includes information about system architecture, programming tools, system management, and connectivity. This video is a preview for the *System Concepts* manual.

### **SV32-0611, Application System/400: Database Design**

This video tape provides information on database design for the AS/400 system as a relational database management system. The approach used is normalization as defined in relational database theory.

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## Part 2. Publication Titles and Descriptions

This section includes an index of all IBM AS/400 publications and a description for each one. The index shows all of the publications by long (official) title, the order numbers, and the page numbers of the descriptions.

The publication descriptions include the type of user for which the publication is written, the tasks that are covered in the publication, and the size and approximate page count of the publication. These descriptions are intended to help you determine what publications are needed and what publications you might want to order.

Further explanation of the types of users and tasks can be found in the *Library Overview*. The page count and size are included to help you determine which size binder to order for the manual. These binders are listed at the end of this section on page 60. The size of each manual is standard (8½" x 11") and each manual is 5-hole punched for storage in binders, unless otherwise specified.

The publication descriptions are listed in order number sequence: alphabetically by the first two letters of the order number, then numerically by the remaining digits. For example, GA manuals are listed before LY manuals, which are listed before SA manuals, and so on.



# Index of Long Titles

**Note:** An asterisk (\*) indicates that the manual is available after January 15, 1990.

Table 4 (Page 1 of 3). Long Titles of AS/400 Manuals

Title	Order number	Page
Application Development Tools: Character Generator Utility User's Guide	SC09-1170	39
Application Development Tools: Data File Utility User's Guide and Reference	SC09-1169	39
Application Development Tools: Programming Development Manager User's Guide and Reference	SC09-1173	40
Application Development Tools: Screen Design Aid User's Guide and Reference	SC09-1171	40
Application Development Tools: Screen Design Aid User's Guide and Reference	ST00-3296	58
Application Development Tools: Source Entry Utility User's Guide and Reference	SC09-1172	40
Application Programming: Application Development by Example	SC21-9852	54
ASCII Work Station Reference	SA21-9922	35
Attaching Work Station and Communications Cables	SA21-9957	35
Central Site Distribution Guide	GA21-9993	32
Communications: Advanced Program-to-Program Communications and Advanced Peer-to-Peer Networking User's Guide	SC21-9598	48
Communications: Asynchronous Communications Programmer's Guide	SC21-9592	47
Communications: BSC Equivalence Link Programmer's Guide	SC21-9593	47
Communications: Communications and Systems Management User's Guide	SC21-9661	51
Communications: Distributed Data Management User's Guide	SC21-9600	48
Communications: Distribution Services Network Administrator's Guide	SC21-9588	46
Communications: Finance Communications Programmer's Guide	SC21-8099	45
Communications: Intrasystem Communications Programmer's Guide	SC21-9864	54
Communications: Point-of-Sale Communications Utility User's Guide	*SC21-9868	55
Communications: Programmer's Guide	SC21-9590	46
Communications: Remote Job Entry Facility Installation Guide	SC09-1201	40
Communications: Remote Job Entry Facility User's Guide and Reference	SC09-1168	39
Communications: Retail Communications Programmer's Guide	SC21-9858	54
Communications: SNA Hangeul 3270 PC Emulation User's Guide	K:SC18-2213	34
Communications: SNA Japanese 3270 PC Emulation User's Guide	N:SC18-2213	34
Communications: SNA Traditional Chinese 3270 Emulation User's Guide	SC40-1228	56
Communications: SNA Upline Facility Programmer's Guide	SC21-9594	47
Communications: Transmission Control Protocol/Internet Protocol Guide	*SC21-9875	55
Communications: User's Guide	SC21-9601	48
Communications: 3270 Device Emulation User's Guide	SC21-9602	49
Data Communications Planning Guide	GA21-9902	31
Data Communications: Remote Work Station Networking Example	SA21-9977	35
Data Communications: SNA/SDLC 3270 Device Emulation and Remote Job Entry Example	SA21-9987	36
Device Configuration Guide	SC21-8106	46
Information Directory	GC21-9678	33
Installation Directory	GA21-9981	32
Intermediate Process for Service and Support	SC21-9846	54
Languages: BASIC Reference Summary	SX09-1050	59
Languages: BASIC User's Guide and Reference	SC09-1157	37
Languages: C/400 Reference Summary	*SX09-1139	59
Languages: C/400 User's Guide	*SX09-1303	42
Languages: COBOL/400 Reference	SC09-1240	42
Languages: COBOL/400 Reference Summary	SX09-1049	59
Languages: COBOL/400 User's Guide	SC09-1158	37
Languages: Pascal Reference	SC09-1210	41

Table 4 (Page 2 of 3). Long Titles of AS/400 Manuals

Title	Order number	Page
Languages: Pascal User's Guide	SC09-1209	41
Languages: PL/I Reference Summary	SX09-1051	59
Languages: PL/I User's Guide and Reference	SC09-1156	37
Languages: RPG Reference Summary	SX09-1164	59
Languages: RPG/400 Reference	SC09-1089	37
Languages: RPG/400 User's Guide	SC09-1161	38
Languages: System/36-Compatible COBOL Reference Summary	SX09-1047	58
Languages: System/36-Compatible COBOL User's Guide and Reference	SC09-1160	37
Languages: System/36-Compatible RPG II User's Guide and Reference	SC09-1162	38
Languages: System/38-Compatible COBOL Reference Summary	SX09-1048	59
Languages: System/38-Compatible COBOL User's Guide and Reference	SC09-1159	37
Licensed Programs and New Release Installation Guide	SC21-9878	55
Migrating from System/36 Planning Guide	GC21-9623	32
Migrating from System/38 Planning Guide	GC21-9624	32
National Language Support Guide	GC21-9877	33
Network Planning Guide	GC21-9861	33
New Products Planning Information	GA21-9984	32
Office: OfficeVision/400 Adapted Word Processing Function User's Guide	SC21-9879	55
Office: OfficeVision/400 Common Tasks	GX21-9868	34
Office: OfficeVision/400 Learning Guide	SC21-9615	49
Office: OfficeVision/400 Planning Guide	SC21-9626	50
Office: OfficeVision/400 Setting Up and Administering Guide	SC21-9627	50
Office: OfficeVision/400 User's Guide	SC21-9616	50
Office: OfficeVision/400 Word Processing Learning Guide	SC21-9617	50
Office: OfficeVision/400 Word Processing User's Guide	SC21-9618	50
PC Support: Messages and Problem Analysis Guide	SC21-8093	45
PC Support: Operations Reference	SC21-8090	44
PC Support: Planning and Installation Guide	SC21-8089	44
PC Support: Technical Reference	SC21-8091	44
PC Support: User's Guide	SC21-8092	45
PC Support (for PS/55): Messages and Problem Analysis Guide	SH18-2186	58
PC Support (for PS/55): Operations Reference	SH18-2183	57
PC Support (for PS/55): Planning and Installation Guide	SH18-2182	57
PC Support (for PS/55): Technical Reference	SH18-2184	57
PC Support (for PS/55): User's Guide	SH18-2185	58
Planning Guide – 9404	GA21-9914	31
Planning Guide – 9406	GA21-9913	31
Programming: Advanced Printer Function Guide	SC21-9668	52
Programming: Backup and Recovery Guide	SC21-8079	43
Programming: Command Reference Summary	SC21-8076	42
Programming: Concepts and Programmer's Guide for the System/36 Environment	SC21-9663	52
Programming: Control Language Programmer's Guide	SC21-8077	42
Programming: Control Language Reference	SBOF-0481	36
Programming: Cross System Product/Application Execution User's Guide and Reference	SH23-0516	58
Programming: Cryptographic User's Guide	SC21-8080	43
Programming: Data Description Specifications Reference	SC21-9620	50
Programming: Data Management Guide	SC21-9658	51
Programming: Database Guide	SC21-9659	51
Programming: GDDM Programming Guide	SC33-0536	56
Programming: GDDM Programming Reference	SC33-0537	56
Programming: Office Services Concepts and Programmer's Guide	SC21-9758	53
Programming: Performance Tools Guide	SC21-8084	44
Programming: Security Concepts and Planning	SC21-8083	43



Table 4 (Page 3 of 3). Long Titles of AS/400 Manuals

<b>Title</b>	<b>Order number</b>	<b>Page</b>
Programming: Structured Query Language/400 Programmer's Guide	SC21-9609	49
Programming: Structured Query Language/400 Reference	SC21-9608	49
Programming: System Reference for the System/36 Environment	SC21-9662	52
Programming: System Reference Summary	SC21-8104	45
Programming: System/38 Environment Programmer's Guide and Reference	SC21-9755	53
Programming: Work Management Guide	SC21-8078	43
Query: User's Guide	SC21-9614	49
Removable Storage User's Guide – 9404	SA21-9967	35
System Concepts	GC21-9802	33
System Introduction	GC21-9766	33
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System Operations: Advanced Function Printing by Example	SC21-8181	46
System Operations: Common Tasks	GA21-9573	31
System Operations: Display Station User's Guide	SC21-9744	52
System Operations: Font Management Aid User's Guide	SC18-2216	42
System Operations: Online Education Administering Guide	SC21-9770	53
System Operations: Operator's Guide	SC21-8082	43
System Operations: Question-and-Answer Database Coordinator's Guide	SC21-8086	44
System Support: Diagnostic Aids	LY21-0597	34
System Support: System Upgrade Guide – 9406, Volume 1	SA21-9906	34
System Support: System Upgrade Guide – 9406, Volume 2	SA21-9979	36
System Upgrade Guide – 9404	SA21-9919	35
System/36 to AS/400 Migration Aid User's Guide and Reference	SC09-1166	39
System/36 to AS/400 Work Station Utility Conversion Guide	SC09-1221	41
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System/38 Compatibility: Text Management/38 User's Guide and Reference	SC21-9759	53
System/38 to AS/400 Migration Aid User's Guide and Reference	SC09-1165	38
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Utilities: Advanced Print Writer User's Guide and Reference	SH18-2178	56
Utilities: Business Graphics Utility User's Guide and Reference	SC09-1167	39
Utilities: Data File Utility List for the System/36 Environment User's Guide and Reference	SC09-1222	41
Utilities: IBM 5583 Kanji Print Function User's Guide and Reference	SH18-2179	57
Utilities: Interactive Data Definition Utility User's Guide	SC21-9657	51
Utilities: Sort User's Guide and Reference	SC09-1164	38



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## Publication Descriptions

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### GA21-9573, System Operations: Common Tasks

The *System Operations Common Tasks* manual provides the system operator or end user with a summary of how to do day-to-day system operations. 50 pp., 3½" x 7¼", stapled.

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### GA21-9902, Data Communications Planning Guide

The *Data Communications Planning Guide* provides the system administrator or data processing manager with information about how to order and plan for communications lines and modems after the communications subsystems have been selected. It also helps the user gather some communications configuration information at planning time.

This manual shows how to:

- Identify which communications feature type has been ordered
- Order telephone lines from a common carrier
- Order modems from a modem supplier
- Gather communications configuration information

Before using this manual, the user should review the *Network Planning Guide*, GC21-9861, and choose the communications subsystems that should be ordered from IBM. 200 pp.

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### GA21-9913, Planning Guide – 9406

The *Planning Guide – 9406* provides the system manager or the planner with information about planning to set up a 9406 System. 200 pp.

This manual discusses the following:

- General planning activities and how to use the planning information
- Considerations when planning a place for the system
- Cabling considerations for setting up the system
- Communications considerations for electronic customer support
- Planning information for installing licensed programs
- Considerations for device configuration, which include information about local, twinaxial, ASCII work station controllers, modems, and the devices that attach to these local workstation controllers
- Final planning considerations

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### GA21-9914, Planning Guide – 9404

The *Planning Guide – 9404* provides the system manager or the planner with information about planning to set up a 9404 System Unit. 200 pp.

This manual discusses the following:

- General planning activities and how to use the planning information

- Considerations when planning a place for the system
- Cabling considerations for setting up the system
- Communications considerations for electronic customer support
- Planning information for installing licensed programs
- Considerations for device configuration, which include information about local, twinaxial, and ASCII work station controllers, modems, and the devices that attach to these local work station controllers.
- Final planning considerations

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## **GA21-9981, Installation Directory**

The *Installation Directory* provides the system operator or office supervisor an overview of the information needed to install the system. The directory is organized by task beginning with unpacking the system and ending with configuring the system so that it is ready to process business applications. 25 pp.

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## **GA21-9984, New Products Planning Information**

The *New Products Planning Information* provides the system manager or planner with information about new products. It includes information about the new product offerings for each release. This manual is used in conjunction with *Planning Guide – 9404*, GA21-9914, and *Planning Guide – 9406*, GA21-9913. 225 pp.

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## **GA21-9993, Central Site Distribution Guide**

The *Central Site Distribution Guide* provides information for the central site programmer on how to distribute licensed programs to other systems under IBM licensing agreements. This manual includes planning information, instructions on how to create a distribution tape, and instructions on how to install the licensed programs on the distribution tape at the remote sites. 30 pp.

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## **GC21-9623, Migrating from System/36 Planning Guide**

The *Migrating from System/36 Planning Guide* provides the application programmer, system administrator, or data processing manager with information to help them migrate their products and applications using the System/36 to AS/400 Migration Aid. It includes information for planning the details of migration and an overview of the functions on the System/36 Migration Aid. 50 pp.

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## **GC21-9624, Migrating from System/38 Planning Guide**

The *Migrating from System/38 Planning Guide* provides the application programmer, system administrator, or data processing manager with information to help them migrate their products and applications using the System/38 to AS/400 Migration Aid. It includes information for planning the details of migration and an overview of the functions on the System/38 Migration Aid. 50 pp.

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## **GC21-9678, Information Directory**

The *Information Directory*, which you are currently using, provides the information needed to verify that the appropriate manuals were shipped with the product. It helps you to determine what additional manuals to order. It identifies and describes all the manuals in the AS/400 library. In addition, this manual also provides guidance on how, when, and where to use the online and printed information. 75 pp., stapled.

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## **GC21-9766, System Introduction**

The *System Introduction* acquaints the user with the features and capabilities of the AS/400 system. It familiarizes the user with characteristics of the system and the various licensed programs used on it. 100 pp., stapled, not punched.

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## **GC21-9802, System Concepts**

The *System Concepts* manual provides the application programmer, system administrator, or system operator with a general understanding of the concepts related to the overall design and use of the AS/400 system and its operating system. This manual includes general information about AS/400 features such as user interface, object, work, and system management, data management, database, communications, environments, Office and PC Support, and architecture. 200 pp.

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## **GC21-9861, Network Planning Guide**

The *Network Planning Guide* provides the data processing manager, IBM marketing representatives, IBM systems engineers, and industry remarketers with information about planning for a communications network.

The manual is intended to assist the user in identifying which communications application programs may be of use in the creation of a communications network.

This manual provides an overview of network planning tasks and directs the user to other manuals for specific information. 125 pp.

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## **GC21-9877, National Language Support Guide**

The *National Language Support Guide* provides information required to understand and use the national language support function on the AS/400 system for the data processing manager, system operator and manager, application programmer, end user, and IBM marketing representative and system engineer. This manual prepares the AS/400 user for planning, installing, configuring, and using of the AS/400 national language support (NLS) and multilingual system. It also provides an explanation of the database management of multilingual data and application considerations for a multilingual system. 100 pp.

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## **GX21-9868, Office: OfficeVision/400 Common Tasks**

The *Office Common Tasks* manual provides the experienced AS/400 Office user with quick information for common tasks or problems. This manual also includes keyboard layouts for various types of keyboards that are used in the office environment. 70 pp., 3½" x 7¼", stapled.

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## **K:SC18-2213, Communications: SNA Hangeul 3270 PC Emulation User's Guide**

The *SNA Hangeul 3270 PC Emulation User's Guide* is for Korean users and provides the display station operator, programmer, or host programmer with information on how to use SNA Hangeul 3270 PC emulation. 300 pp.

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## **LY21-0597, System Support: Diagnostic Aids**

The *Diagnostic Aids* manual consists of two volumes. Volume 1 provides the service representative with information about error logs, dumps, traces, and other service tools and procedures needed to determine, isolate, and solve programming problems occurring with the OS/400 licensed program and vertical licensed internal code (VLIC) as well as other hardware and software failures. It also provides information about problem management, resource and configuration management, and initial program load (IPL) phases of the AS/400 system are provided. This manual should be used to help solve service problems that occur after normal problem analysis and resolution procedures fail.

Volume 2 provides the service representative with information about trace points for the AS/400 system vertical licensed internal code (VLIC). Trace points identify specific trace activity in the various VLIC components. It also contains virtual licensed internal code log (VLOG) entry descriptions. VLOG entries identify code design errors in the VLIC code. 975 pp.

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## **N:SC18-2213, Communications: SNA Japanese 3270 PC Emulation User's Guide**

The *SNA Japanese 3270 PC Emulation User's Guide* is for Japanese users and provides the display station operator, programmer, or host programmer with information on how to use SNA Japanese 3270 PC emulation. 300 pp.

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## **SA21-9906, System Support: System Upgrade Guide – 9406 Volume 1**

The *System Upgrade Guide – 9406 (Vol 1)* provides the service representative with information about upgrading equipment on the 9406 System Unit. It provides information on an entire range of upgrades such as simple memory card additions, device and rack additions, and model upgrades. It is also used with instruction packets that are shipped with the upgrade equipment. 850 pp.

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## **SA21-9919, System Upgrade Guide – 9404**

The *System Upgrade Guide – 9404* provides the system operator or system administrator with information about what to do before adding a feature or a feature card to a 9404 System Unit. It also tells how to add feature equipment, how to verify the feature addition, and what to do if a problem occurs during feature addition. 100 pp.

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## **SA21-9922, ASCII Work Station Reference**

The *ASCII Work Station Reference* provides the programmer, system administrator, or system operator with information on how to use ASCII work stations attached to the AS/400 system. It describes how to adjust the settings of ASCII work stations and provides information on keyboard mappings and character code mappings. 200 pp.

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## **SA21-9944, Twinaxial Work Station Controller Port Tester User's Guide**

The *Twinaxial Work Station Controller Port Tester User's Guide* provides the system operator with information about using the IBM work station controller port tester to help isolate cabling and port problems on AS/400 systems. 20 pp.

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## **SA21-9957, Attaching Work Station and Communications Cables**

The *Attaching Cables* manual is intended for the system operator or system administrator who is installing the AS/400 system. Information in this manual will show how to attach work station and communications cables to the 9404 and 9406 system units. 20 pp.

- American National Standard Code for Information Interchange (ASCII) communications
- Local area network (LAN)
- Twinaxial

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## **SA21-9967, Removable Storage User's Guide – 9404**

The *Removable Storage User's Guide – 9404* provides the system operator or system administrator with information on how to handle and use diskettes and tape cartridges on the 9404 System Unit.

This manual also provides information about operating and caring for the diskette and tape units that are part of the 9404 System Unit. 50 pp.

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## **SA21-9977, Data Communications: Remote Work Station Networking Example**

The *Remote Work Station Networking Example* manual provides an example of how to install a network consisting of an AS/400 system and a remote work station. This manual is for the person responsible for installing a remote work station network and unfamiliar with remote work station communications. This manual includes all of the information needed to plan for and install the example network. Also pro-

vided is a list of AS/400 manuals you can refer to if the configuration differs from the one in the example. 188 pp.

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## **SA21-9979, System Support: System Upgrade Guide – 9406 Volume 2**

The *System Upgrade Guide – 9406 (Vol 2)* provides the service representative with information about upgrading equipment on the 9406 System Unit. It provides information on an entire range of upgrades such as simple memory card additions, device and rack additions, and model upgrades. It is also used with instruction packets that are shipped with the upgrade equipment. 850 pp.

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## **SA21-9987, Data Communications: SNA/SDLC 3270 Device Emulation and Remote Job Entry Example**

The *SNA/SDLC 3270 Device Emulation and RJE Example* manual provides an example of how to install a network using Systems Network Architecture (SNA) 3270 device emulation and remote job entry (RJE) on one communications line. This manual is for the person responsible for connecting an AS/400 system to a System/370<sup>3</sup> host system and unfamiliar with communications. This manual includes all of the information needed to plan for and configure an AS/400 system to a System/370 to use device emulation and RJE. Also provided is a list of AS/400 manuals you can refer to if the configuration differs from the one in the example. 154 pp.

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## **SBOF-0481, Programming: Control Language Reference**

The *CL Reference* provides the application programmer with a description of the AS/400 control language (CL) and its commands. Each command description includes a syntax diagram, parameters, default values, keywords, and an example. The information should be used to refer to the control language commands to request functions of the Operating System/400 (5728-SS1) licensed program and of the various languages and utilities.

This manual is divided into five volumes. Volume 1 provides an overview of the CL commands and describes the syntax coding rules needed to code them. Volumes 2 through 5 describe every control language command, including commands for the system control program, languages, and utilities. The order numbers for these volumes are:

Volume 1	SC21-9775	(Overview and Syntax) 300 pp.
Volume 2	SC21-9776	(ADDxxx through CPYxxx) 500 pp.
Volume 3	SC21-9777	(CRTxxx through DLTxxx) 525 pp.
Volume 4	SC21-9778	(DLYxxx through RRTxxx) 525 pp.
Volume 5	SC21-9779	(RSMxxx through WRKxxx) 450 pp.

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<sup>3</sup> System/370 is a trademark of the International Business Machines Corporation.



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## **SC09-1089, Languages: RPG/400 Reference**

The *RPG/400 Reference* provides the application programmer with the information needed to write programs for the AS/400 system using the RPG/400 programming language. This manual describes, position by position, the valid entries for all RPG specification forms, and provides a detailed description of all the operation codes. This manual also contains information on the RPG logic cycle, arrays and tables, editing functions, and indicators. 300 pp.

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## **SC09-1156, Languages: PL/I User's Guide and Reference**

The *PL/I User's Guide/Reference* provides the application programmer with information about using AS/400 PL/I in the System/38 environment. Differences between the System/38 environment and the AS/400 environment are identified as well as the enhancements available in the AS/400 environment. 400 pp.

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## **SC09-1157, Languages: BASIC User's Guide and Reference**

The *BASIC User's Guide/Reference* provides the application programmer with the information needed to write, test, and maintain AS/400 BASIC programs in both the AS/400 environment and the System/38 environment. 600 pp.

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## **SC09-1158, Languages: COBOL/400 User's Guide**

The *COBOL/400 User's Guide* provides the application programmer with the information needed to design, write, test, and maintain COBOL/400 programs on the AS/400 system.

COBOL/400 supports the ANSI 85 intermediate-level COBOL. 300 pp.

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## **SC09-1159, Languages: System/38-Compatible COBOL User's Guide and Reference**

The *System/38-Compatible COBOL User's Guide/Reference* provides the application programmer with information about using System/38-compatible COBOL on the AS/400 system.

It provides information on how to program in COBOL on the AS/400 system like a System/38 and how to use existing System/38 COBOL programs. 550 pp.

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## **SC09-1160, Languages: System/36-Compatible COBOL User's Guide and Reference**

The *System/36-Compatible COBOL User's Guide/Reference* provides the application programmer with information about using COBOL in the System/36 environment on the AS/400 system. It provides information on how to program in COBOL on the AS/400 system like a System/36 and how to use existing System/36 COBOL programs.

The reference material in this manual is based on and supports the 1974 ANSI COBOL standard. 450 pp.

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## **SC09-1161, Languages: RPG/400 User's Guide**

The *RPG/400 User's Guide* provides the application programmer with the information needed to write, test, and maintain RPG/400 programs on the AS/400 system. The manual provides information on data organizations, data formats, file processing, multiple file processing, automatic report function, RPG command statements, testing and debugging functions, application design techniques, problem analysis, and compiler service information. The differences between the System/38 RPG III, System/38 compatible RPG, and RPG/400 are identified. 500 pp.

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## **SC09-1162, Languages: System/36-Compatible RPG II User's Guide and Reference**

The *System/36-Compatible RPG II User's Guide/Reference* provides the application programmer with programming guide information for the RPG II language on the AS/400 system. It is intended for people who have a basic understanding of data processing concepts and of the RPG II language. The guide portion explains how to design, code, enter, compile, test, and run RPG II programs. The manual includes the RPG program cycle, the valid entries for each column of each RPG specification form and the differences between the way RPG II programs run on System/36 and the way they run on the AS/400 system. In addition, differences between compiling in the System/36 environment and the AS/400 environment are identified at the compiler level only. 1000 pp.

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## **SC09-1164, Utilities: Sort User's Guide and Reference**

The *Sort User's Guide/Reference* provides the application programmer with information about using the AS/400 sort function for the following tasks. 200 pp.

- Identifying the input and output files
- Specifying sort options
- Utilizing effective sort run time
- Identifying the double-byte character set (DBCS) sort information

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## **SC09-1165, System/38 to AS/400 Migration Aid User's Guide and Reference**

The *System/38 to AS/400 Migration Aid User's Guide/Reference* provides the system operator, application programmer, programmer, or data processing manager with information about using the System/38 to AS/400 Migration Aid to move System/38 objects to the AS/400 system using menus and displays, or commands. This manual contains three parts. Part 1 describes how to move System/38 objects to tape, diskette, or file. Part 2 describes how to restore these items to the AS/400 system. Part 3 provides information for those objects that require modification before use on the AS/400 system. 475 pp.

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## **SC09-1166, System/36 to AS/400 Migration Aid User's Guide and Reference**

The *System/36 to AS/400 Migration Aid User's Guide/Reference* provides the system operator, application programmer, programmer, or data processing manager with information about using the System/36 to AS/400 Migration Aid to move System/36 items to the AS/400 system using menus and displays, or commands. The manual contains three parts. Part 1 describes how to move System/36 items to tape, diskette or file. Part 2 describes how to restore these items to the AS/400 system. Part 3 provides information for those items that require modification before use on the AS/400 system. 800 pp.

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## **SC09-1167, Utilities: Business Graphics Utility User's Guide and Reference**

The *BGU User's Guide/Reference* provides the application programmer, programmer, system administrator, or business or technical professional with information about using the AS/400 Business Graphics Utility (BGU) to create various types of charts. It is divided into two sections: the first section includes several exercises that familiarize the user with the functions of BGU, and the second section contains reference material. 250 pp.

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## **SC09-1168, Communications: Remote Job Entry Facility User's Guide and Reference**

The *RJEF User's Guide/Reference* provides the system operator, application programmer, or programmer with information about using the Communications Utilities remote job entry facility (RJEF) to submit jobs to an IBM host processor.

This manual contains information for both the programmer who is using an RJEF system and the user who is operating a remote job entry session through the functions of RJEF. 225 pp.

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## **SC09-1169, Application Development Tools: Data File Utility User's Guide and Reference**

The *DFU User's Guide/Reference* provides the application programmer or programmer with information about using the Application Development Tools data file utility (DFU) to create programs to enter data into files, update files, inquire into files, and run DFU programs.

This manual also provides the work station operator with activities and material to learn DFU. 200 pp.

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## **SC09-1170, Application Development Tools: Character Generator Utility User's Guide**

The *CGU User's Guide* provides the application programmer or programmer with information about using the Application Development Tools character generator utility (CGU) to create and maintain a double-byte character set (DBCS) on the

AS/400 system. It also provides step-by-step examples that show how to use some of the functions of the character generator utility. 100 pp.

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## **SC09-1171, Application Development Tools: Screen Design Aid User's Guide and Reference**

The *SDA User's Guide/Reference* provides the application programmer, programmer, or system operator with information about using the Application Development Tools screen design aid (SDA) to design, create, and maintain displays, menus, and online help information. The manual contains examples and information to help the user learn how to use SDA on the AS/400 system and in the System/38 environment of the AS/400 system.

**Note:** This edition now contains information to help the user learn how to use SDA on the AS/400 system and in the System/38 environment only. For information on using SDA in the System/36 environment, see the description of ST00-3296 on page 58. 300 pp.

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## **SC09-1172, Application Development Tools: Source Entry Utility User's Guide and Reference**

The *SEU User's Guide/Reference* provides the application programmer or programmer with information about using the Application Development Tools source entry utility (SEU) to create and edit source members. The manual explains how to start and end an SEU session and how to use the many features of this full-screen text editor. The manual contains examples to help both new and experienced users accomplish various editing tasks, from the simplest line commands to using pre-defined prompts for high-level languages and data formats. 275 pp.

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## **SC09-1173, Application Development Tools: Programming Development Manager User's Guide and Reference**

The *PDM User's Guide/Reference* provides the application programmer or programmer with information about using the Application Development Tools programming development manager (PDM) to work with lists of libraries, objects, members, and user-defined options to easily do such operations as copy, delete, and rename.

This manual contains activities and some material to help the user learn PDM. The most commonly used operations and function keys are explained in detail using examples. 225 pp.

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## **SC09-1201, Communications: Remote Job Entry Facility Installation Guide**

The *RJEF Installation Guide* provides the system operator with information about using the Communications Utilities remote job entry facility (RJEF) to extend the functions of a large host system to remote locations through the use of data communications. RJEF enables the AS/400 system to submit jobs to an IBM host processor.

This manual explains the activities necessary to install, define, and operate RJEF. 225 pp.

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## **SC09-1209, Languages: Pascal User's Guide**

The *Pascal User's Guide* provides the application programmer with information about how to use the AS/400 Pascal compiler. The manual explains how to enter, compile, run, and debug AS/400 Pascal programs. It also describes how to use input and output (I/O) function and storage.

For detailed programming information such as how to write a program in Pascal and a basic understanding of the AS/400 Pascal language, see *Languages: Pascal Reference*, SC09-1210. 300 pp.

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## **SC09-1210, Languages: Pascal Reference**

The *Pascal Reference* provides the application programmer with information about using the AS/400 Pascal programming language. It includes information you can refer to while using AS/400 Pascal such as a detailed description of the program structure, declarations, data types, routines, variables, and statements in Pascal. 300 pp.

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## **SC09-1217, System/38 Compatibility: Data File Utility/38 User's Guide and Reference**

The *DFU/38 User's Guide/Reference* provides the work station operator, application programmer, programmer, or data processing manager with information about using DFU/38 on the AS/400 system. 325 pp.

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## **SC09-1218, System/38 Compatibility: Query/38 User's Guide and Reference**

The *Query/38 User's Guide/Reference* provides the work station operator, application programmer, programmer, or data processing manager with information about using Query/38 on the AS/400 system. 450 pp.

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## **SC09-1221, System/36-to-AS/400 Work Station Utility Conversion Guide**

The *System/36 WSU Conversion Guide* provides application programmers with information about converting Work Station Utility (WSU) programs on System/36 to RPG III programs on the AS/400 system. This manual contains suggested techniques and examples. 100 pp.

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## **SC09-1222, Utilities: Data File Utility List for the System/36 Environment User's Guide and Reference**

The *DFU List for the System/36 Environment User's Guide/Reference* provides application programmers with a description of the list function of the AS/400 Operating System/400 data file utility (DFU) which creates programs that list files, change existing list programs, and run programs against given files to produce lists. This is available only in the System/36 environment. This manual also contains practice and reference material which helps the user learn the DFU list function. 100 pp.

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## SC09-1240, Languages: COBOL/400 Reference

The *COBOL/400 Reference* provides the application programmer with a description of the COBOL/400 language organization, program organization, procedure division statements, and compiler directing statements. 575 pp.

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## \*SC09-1303, Languages: C/400 User's Guide

The *C/400 User's Guide* provides the experienced C/400 programmer with information on how to write application programs or develop programs using the C/400 CL language. This manual includes information on how to enter, run, and compile a C/400 program on the AS/400 system. 400 pp.

**Note:** This manual is available after January 15, 1990.

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## SC18-2216, System Operations: Font Management Aid User's Guide

The *Font Management Aid User's Guide* provides the system operator or work station operator with information about how to maintain or use double-byte character set (DBCS) user-defined characters. This manual also shows how to maintain and distribute user-defined characters or associated data entry dictionaries between the AS/400 system and its (DBCS) display stations. 100 pp.

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## SC21-8076, Programming: Command Reference Summary

The *Command Reference Summary* provides the system operator or system administrator with quick information about the organization of the AS/400 commands. This manual contains an alphabetic list of all AS/400 commands and a list, by command, of error messages the programmer can monitor for when writing programs. This information can be found in detail in the *Programming: Control Language Reference*, SBOF-0481. 1000 pp.

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## SC21-8077, Programming: Control Language Programmer's Guide

The *CL Programmer's Guide* provides the application programmer or programmer with a wide-ranging discussion of AS/400 programming topics, including the following. 400 pp.

- A general discussion of objects and libraries
- Control language (CL) programming, controlling flow and communicating between programs, working with objects in CL programs, and creating CL programs
- Predefined and impromptu messages and message handling
- How to define and create user-defined commands and menus
- Application testing, including debug mode, breakpoints, traces, and display functions

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## SC21-8078, Programming: Work Management Guide

The *Work Management Guide* provides the programmer with information about how to create a work management environment and how to change it. Other topics include the following. 300 pp.

- A description of tuning the system
- Collecting performance data including information on record formats and contents of the data being collected
- Working with system values to control or change the overall operation of the system
- A description of how to gather data to determine who is using the system and what resources they are using

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## SC21-8079, Programming: Backup and Recovery Guide

The *Backup and Recovery Guide* provides the programmer with information about the different media available to save and protect system data, as well as a description of how to record changes made to database files and how that information can be used for system recovery and activity report information. This manual describes user auxiliary storage pools (ASPS) and checksums along with other availability recovery topics. It also provides the system operator with information about how to install the system again from backup. 350 pp.

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## SC21-8080, Programming: Cryptographic User's Guide

The *Cryptographic User's Guide* provides the system operator or programmer with a description of the data security capabilities of the AS/400 Cryptographic Support. This manual explains how to use the support and may be used as a reference for programmers. 300 pp.

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## SC21-8082, System Operations: Operator's Guide

The *Operator's Guide* provides the system operator or system administrator with information about how to use the system unit operator display, send and receive messages, respond to error messages, start and stop the system, use control devices, work with program temporary fixes (PTFS) and process and manage jobs on the system. 275 pp.

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## SC21-8083, Programming: Security Concepts and Planning

The *Security Concepts and Planning* manual provides the programmer (or someone who is assigned the responsibilities of a security officer) with information about system security concepts, planning for security, and setting up security on the system. This manual does not describe security for specific licensed programs, languages, and utilities. 300 pp.

This manual tells how system security support can be used to:

- Protect the system and the data from being used by people who do not have the proper authorization
- Protect the data from intentional or unintentional damage or destruction
- Keep security information up-to-date
- Set up security on the system

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## **SC21-8084, Programming: Performance Tools Guide**

The *Performance Tools Guide* provides the programmer with information about what AS/400 Performance Tools are, gives an overview of the tools, and tells how the tools can be used to help manage system performance. The manual gives instructions on how to approach the analysis of system performance and how to do system performance measurement, reporting, capacity planning, and application analysis.

This manual also includes information about additional functions and related commands for further analysis. 200 pp.

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## **SC21-8086, System Operations: Question-and-Answer Database Coordinator's Guide**

The *Q & A Database Coordinator's Guide* describes how to use Q & A to search through questions and answers stored in a Q & A database on the system. Q & A lets everyone use the same information without having to consult a technical expert with questions. This manual also includes information about creating a Q & A database.

This manual is divided into three parts. Part 1 is for all users of the AS/400 system. Parts 2 and 3 are for users who coordinate the technical information provided in a Q & A database. 150 pp.

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## **SC21-8089, PC Support: Planning and Installation Guide**

The *PC Support Planning and Installation Guide* provides the personal computer technical coordinator with step-by-step instructions for installing AS/400 PC Support using DOS and OS/2<sup>4</sup>. This manual also includes information on PC Support memory requirements. 65 pp.

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## **SC21-8090, PC Support: Operations Reference**

The *PC Support Operations Reference* provides the personal computer technical coordinator with the information needed to set up, configure, and tailor AS/400 PC Support through batch and configuration files using DOS and OS/2. 600 pp.

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## **SC21-8091, PC Support: Technical Reference**

The *PC Support Technical Reference* provides the programmer or personal computer technical coordinator with technical information needed to do advanced configuration or tailoring of AS/400 PC Support using DOS and OS/2. 400 pp.

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<sup>4</sup> OS/2 is a trademark of the International Business Machines Corporation.



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## **SC21-8092, PC Support: User's Guide**

The *PC Support User's Guide* provides the personal computer operator or administrative secretary with concepts and examples of how to use the AS/400 PC Support functions using DOS and OS/2. It assumes that the PC Support licensed program is already installed. 225 pp.

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## **SC21-8093, PC Support: Messages and Problem Analysis Guide**

The *PC Support Messages and Problem Analysis Guide* provides the personal computer operator, administrative secretary, or personal computer technical coordinator with information about DOS and OS/2 error messages and recovery and problem analysis as they relate to AS/400 PC Support functions. This manual also contains customer-related service information such as how to submit an authorized program analysis report (APAR) and how to apply a program temporary fix (PTF). 200 pp.

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## **SC21-8099, Communications: Finance Communications Programmer's Guide**

The *Finance Communications Programmer's Guide* provides information for the application programmer or system administrator who uses the OS/400 finance support. It describes how finance support communicates with a controller and how to set up finance support.

This manual provides information for writing application programs to communicate with application programs on the finance controller using one of the following interfaces:

- Intersystem communications function (ICF)
- Submit Finance Job (SBMFNCJOB) command
- Finance I/O Manager (FIOM)
- User-Defined Data Stream (UDDS)

It also includes coding examples to refer to when developing application programs including new commands and functions, as well as intersystem communications function (ICF) finance support. This manual provides information on developing finance communications application programs that use the OS/400 intrasystem communications function (OS/400-ICF). This manual is for use with the *Communications: Programmer's Guide*, SC21-9590, which describes the ICF file interface. 200 pp.

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## **SC21-8104, Programming: System Reference Summary**

The *System Reference Summary* provides the system operator with quick reference information when working with the AS/400 system. This manual contains summaries of information such as system values and OS/400 DDS keywords. 130 pp.

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## SC21-8106, Device Configuration Guide

The *Device Configuration Guide* provides the system operator or system administrator with information on how to do an initial configuration and how to change that configuration. This manual also contains conceptual information about device configuration. This manual includes the following information. 275 pp.

- Configuration terminology (lines, controllers, and devices)
- Other conceptual configuration information that will help the user understand what configuration is and how it works on the AS/400 system
- Information on automatic configuration
- Task information needed to do an initial configuration
- Task information needed to change a configuration to suit the system needs
- Task information needed to do local configuration, including configuring ASCII devices
- Unique double-byte character set (DBCS) configuration information (as a separate appendix)

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## SC21-8181, System Operations: Advanced Function Printing by Example

The *Advanced Function Printing by Example* manual is intended for the person who will be implementing advanced function printing on the AS/400 system. This manual provides information on the following topics. 65pp.

- Environments in which you can do advanced function printing
- Example AS/400 system configuration information
- Configuration relationships between the AS/400 system and Remote PrintManager (RPM)
- Resources needed on the AS/400 system to do advanced function printing
- How to receive and print advanced function printing data stream (AFPDS) files

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## SC21-9588, Communications: Distribution Services Network Administrator's Guide

The *Distribution Services Network Administrator's Guide* provides the system operator or system administrator with information about configuring a network for Systems Network Architecture Distribution Services (SNADS) and the Remote Spooling Communications Subsystem/Professional Office System (RSCS/PROFS) bridge. In addition, object distribution functions and document library and distribution services are discussed. 225 pp.

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## SC21-9590, Communications: Programmer's Guide

The *Communications Programmer's Guide* provides the AS/400 application programmer with the information needed to write application programs that use AS/400 communications and the OS/400 intersystem communications function (OS/400-ICF). This manual also contains information on data description specifications (DDS) keywords, system-supplied formats, return codes, file transfer support, and program examples. 700 pp.

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## **SC21-9592, Communications: Asynchronous Communications Programmer's Guide**

The *Asynchronous Communications Programmer's Guide* provides the application programmer with the following information.

- Description of asynchronous communications, including the types of communications lines and remote systems that are supported
- Remote system configuration requirements and the requirements needed by remote programs to start communicating with the AS/400 system
- Commands used by an AS/400 program to start a communications session
- Input and output operations used to communicate in a session
- Programming considerations for the AS/400 system and for the remote system
- Return codes that can be sent to a program
- How to use interactive terminal facility (ITF)

This manual provides information on developing asynchronous communications application programs that use the OS/400 intrasystem communications function (OS/400-ICF). This manual is for use with the *Communications: Programmer's Guide*, SC21-9590, which describes the ICF file interface. 150 pp.

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## **SC21-9593, Communications: BSC Equivalence Link Programmer's Guide**

The *BSC Equivalence Link Programmer's Guide* provides the AS/400 application programmer or programmer with the information needed to write programs that use binary synchronous communications equivalence link (BSCCEL) to communicate with a remote system. It also contains information for programmers about other systems and devices that communicate with BSCCEL on the AS/400 system. The manual describes how to set up BSCCEL and how to run application programs that use BSCCEL.

This manual provides information on developing BSCCEL communications application programs that use the OS/400 intrasystem communications function (OS/400-ICF). This manual is for use with the *Communications: Programmer's Guide*, SC21-9590, which describes the ICF file interface. 200 pp.

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## **SC21-9594, Communications: SNA Upline Facility Programmer's Guide**

The *SNA Upline Facility Programmer's Guide* provides the application programmer or programmer with programming information for using the OS/400 Systems Network Architecture (SNA) upline facility (SNUF) support with the AS/400 system. This manual describes how to use the SNA upline facility (SNUF) support, how to write application programs for the SNUF support and the return codes that the SNUF support can send to a program.

This manual is intended for AS/400 programmers who are writing communications programs that communicate with Customer Information Control System (CICS) or Information Management System/Virtual Storage (IMS/VS) on a remote system. It also contains programming considerations that both the remote programmer and the AS/400 programmer need when the systems are communicating.

This manual provides information on developing SNUF communications application programs that use the OS/400 intrasystem communications function (OS/400-ICF). This manual is for use with the *Communications: Programmer's Guide*, SC21-9590, which describes the ICF file interface. 150 pp.

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## **SC21-9598, Communications: Advanced Program-to-Program Communications and Advanced Peer-to-Peer Networking User's Guide**

The *APPC and APPN User's Guide* is intended for the programmer responsible for defining or using OS/400 advanced program-to-program communications (APPC) and advanced peer-to-peer networking (APPN). This manual provides information on configuring support and developing application programs to use the APPC/APPN support.

This manual provides information on developing APPC/APPN communications application programs that use the OS/400 intrasystem communications function (OS/400-ICF). This manual is for use with the *Communications: Programmer's Guide*, SC21-9590, which describes the ICF file interface. 435 pp.

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## **SC21-9600, Communications: Distributed Data Management User's Guide**

The *DDM User's Guide* provides the application programmer or programmer with information about remote file processing. It describes how to define a remote file to OS/400 DDM (distributed data management), how to create a DDM file, what file utilities are supported through DDM, and the requirements of OS/400 DDM as related to other systems. 225 pp.

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## **SC21-9601, Communications: User's Guide**

The *Communications User's Guide* provides the system operator, application programmer, programmer, or system administrator with the following information. 850 pp.

- Communications information that is common among the AS/400 communications support functions, such as:
  - Setting and changing communications values
  - Starting and stopping communications
- Communications configuration information, such as defining lines, controllers, and devices
- Information on handling communications errors
- Information about defining and using display station pass-through
- Information about the 3270 remote attachment
- Information about performance
- Information about X.21 short-hold mode multiple port sharing
- Task information needed to do remote configuration, including information on configuring a remote SDLC or X.25 communications line

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## **SC21-9602, Communications: 3270 Device Emulation User's Guide**

The *3270 Device Emulation User's Guide* is intended for the display station operator or the programmer who uses the OS/400 binary synchronous communications (BSC) and Systems Network Architecture (SNA) 3270 device emulation. Device emulation is available for both display stations and printers. This manual provides information about the following topics. 200 pp.

- Using 3270 device emulation
- Configuring the system for 3270 device emulation and setting up 3270 printer emulation
- Creating system device configuration on the host system

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## **SC21-9608, Programming: Structured Query Language/400 Reference**

The *SQL/400 Reference* provides the application programmer, programmer, or database administrator with information that describes SQL/400 statements and their parameters. It also includes an appendix describing the SQL communications area (SQLCA) and SQL description area (SQLDA). 150 pp.

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## **SC21-9609, Programming: Structured Query Language/400 Programmer's Guide**

The *SQL/400 Programmer's Guide* provides the application programmer, programmer, or database administrator with an overview of how to design, write, run, and test SQL/400 statements. It also describes interactive Structured Query Language (SQL). The manual provides examples of how to write SQL statements in COBOL, RPG, and PL/I programs. 300 pp.

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## **SC21-9614, Query: User's Guide**

The *Query User's Guide* provides the administrative secretary, business professional, or programmer with detailed information about how to use AS/400 Query to get data from any database file. It describes how to sign on to Query, and how to define and run queries to create reports containing the selected data. This manual describes all the tasks for defining the query of one or more files, the way the report is to look when the query is run, and whether the report is to be displayed, printed, or put in a database file. 225 pp.

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## **SC21-9615, Office: OfficeVision/400 Learning Guide**

The *Office Learning Guide* provides office users with information to help them learn how to use the mail, calendar, and directory functions of AS/400 Office. This manual provides examples that can be used for practice or as a guide for actual office applications.

For information about learning the Office word processing functions, see the *Office: OfficeVision/400 Word Processing Learning Guide*, SC21-9617. 150 pp.

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## **SC21-9616, Office: OfficeVision/400 User's Guide**

The *Office User's Guide* provides the office user with detailed information on how to use AS/400 Office including information on handling mail and calendars. It contains procedural information and can be used with the Office online information.

For information about using the Office word processing functions, see the *Word Processing Learning Guide* and *Word Processing User's Guide*. 275 pp.

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## **SC21-9617, Office: OfficeVision/400 Word Processing Learning Guide**

The *Word Processing Learning Guide* provides office users with information to help them learn how to use the word processing functions of AS/400 Office. This manual also contains examples of several documents that can be created using Office. This manual does not cover all the word processing functions available, but provides examples that can be used for practice or as guides for actual office applications. 300 pp.

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## **SC21-9618, Office: OfficeVision/400 Word Processing User's Guide**

The *Word Processing User's Guide* provides the office user with detailed information on how to use the word processing functions of AS/400 Office. It contains procedural information on all the word processing functions and can be used with the Office online information. 350 pp.

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## **SC21-9620, Programming: Data Description Specifications Reference**

The *DDS Reference* provides the application programmer with detailed descriptions of the entries and keywords needed to describe database files (both logical and physical) and certain device files (for displays, printers, and ICF) external to the user's programs. 750 pp.

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## **SC21-9626, Office: OfficeVision/400 Planning Guide**

The *Office Planning Guide* provides the office administrator with information about planning for the use of AS/400 Office. The information includes planning for enrolling users, word processing, mail and calendar processing, using Office with IBM Personal Computers, and using Office in a communications network. The planning activities include filling out planning worksheets that are used to do the setup tasks in the companion manual, *Office: OfficeVision/400 Setting Up and Administering Guide*, SC21-9627. 225 pp.

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## **SC21-9627, Office: OfficeVision/400 Setting Up and Administering Guide**

The *Office Setting Up and Administering Guide* provides the office administrator with information on how to set up and manage the day-to-day activities of the AS/400 Office. The setup tasks described in this manual are based on the tasks planned for in the companion manual, *Office Planning Guide*. 250 pp.

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## **SC21-9657, Utilities: Interactive Data Definition Utility User's Guide**

The *IDDU User's Guide* provides the administrative secretary, business professional, or programmer with detailed information on how to use AS/400 IDDU (interactive data definition utility) to describe data dictionaries, files, and records to the system.

The first part of this manual provides the administrative secretary or business professional with an introduction to computer file concepts and data definition concepts. The manual is intended to make it possible for the business professional or administrative secretary to use IDDU to describe the data used in queries and documents.

The second part of this manual provides representative tasks related to creating, maintaining, and using data dictionaries, files, record formats, and fields.

The third part of this manual provides the programmer with advanced information about using IDDU to work with files created on other systems and information about error recovery and problem prevention. 175 pp.

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## **SC21-9658, Programming: Data Management Guide**

The *Data Management Guide* provides the application programmer with information about using files in application programs. A file is the OS/400 object type that provides storage of and access to data in the database, or devices such as display stations and printers, or on another system. This manual includes information on the following topics. 550 pp.

- Fundamental structure and concepts of data management support on the system
- Data management support for display stations, printers, tapes, and diskettes, as well as spooling support
- Overrides and file redirection (temporarily making changes to files when an application program is run)
- Copying files by using system commands to copy data from one place to another
- Tailoring a system using double-byte data

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## **SC21-9659, Programming: Database Guide**

The *Database Guide* provides the application programmer or programmer with a detailed discussion of the AS/400 database organization, including information on how to create, describe, and manipulate database files on the system.

This manual also describes how to define files to the system using OS/400 DDS (data description specifications) keywords. 300 pp.

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## **SC21-9661, Communications: Communications and Systems Management User's Guide**

The *Communications and Systems Management User's Guide* provides the system operator, programmer, or system administrator with information for configuring the AS/400 system to use the remote management support (distributed host command

feature), the change management support (distributed systems node executive), and the problem management support (alerts). 200 pp.

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## **SC21-9662, Programming: System Reference for the System/36 Environment**

The *System Reference for the System/36 Environment* provides the application programmer or programmer with information about using System/36 procedure control expressions, procedures, operation control language (OCL) statements, control commands, and utilities on the AS/400 system. 750 pp.

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## **SC21-9663, Programming: Concepts and Programmer's Guide for the System/36 Environment**

The *Concepts and Programmer's Guide for the System/36 Environment* provides the application programmer or programmer with information identifying the differences in the applications process in the System/36 environment on the AS/400 system.

This manual helps the user understand the functional and operational differences (from a System/36 perspective) when processing in the System/36 environment on the AS/400 system. This includes the following topics. 525 pp.

- Environment functional overview
- Migration considerations
- Programming considerations
- Communications considerations
- Security considerations
- Coexistence considerations

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## **SC21-9668, Programming: Advanced Printer Function Guide**

The *APF Guide* provides the application programmer or programmer with information about using the AS/400 Application Development Tools advanced printer function (APF) to create and maintain tailored forms. Using the printing capabilities available on the 5224 and 5225 printers, forms can look preprinted and use a variety of special fonts.

This manual explains how to design the layout of a form, specify fields where special characteristics are to be applied, design those special characteristics, produce blank copies of a form, and merge spooled data with an already-defined form. 125 pp.

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## **SC21-9744, System Operations: Display Station User's Guide**

The *Display Station User's Guide* provides display station operators with information about how to sign on and off; send and receive messages; respond to keyboard error messages; use function keys; use display, command, and help information; and control and manage their own jobs. 150 pp.



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## **SC21-9755, Programming: System/38 Environment Programmer's Guide and Reference**

The *System/38 Environment Programmer's Guide/Reference* provides the application programmer or programmer with the information needed to migrate from a System/38, convert to an AS/400 system, and coexist in a network. It contains the following information. 275 pp.

- Overview of migration
- Detailed list of changes for migration
- Overview of conversion to an AS/400 system
- Description of list of changes for conversion
- Description of coexistence with an AS/400 system in a network
- Maintenance of System/38 applications on an AS/400 system
- Command list with footnotes

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## **SC21-9758, Programming: Office Services Concepts and Programmer's Guide**

The *Office Services Concepts and Programmer's Guide* provides the application programmer with information about writing applications that use Office functions. It introduces AS/400 Office application program interfaces (APIs). The manual also includes an overview of directory services, document distribution services, document library services, security services, word processing services, and information on finding new ways to integrate your applications with AS/400 Office. 300 pp.

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## **SC21-9759, System/38 Compatibility: Text Management/38 User's Guide and Reference**

The *Text Management/38 User's Guide/Reference* provides all users with information about using the functions available with Text Management/38. These functions include printing documents, creating form documents, using Text Management/38 with the database, using print control commands, and using dictionary functions. The manual also describes each Text Management display in detail. 350 pp.

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## **SC21-9770, System Operations: Online Education Administering Guide**

The *Online Education Administering Guide* provides education administrators with information about how to use the education supplied with the system. This manual contains information on how to effectively use the following online functions. 50 pp.

- Working with student information
- Working with courses
- Installing courses

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## **SC21-9846, Intermediate Process for Service and Support**

The *Intermediate Process for Service and Support* manual provides intermediate service and technical support personnel with information on how to use electronic customer support functions, IBM support facilities, and available communications facilities to provide service to end users.

This manual includes information providing problem analysis and resolution, and setting up question and answer databases for end users. It also provides a list of common tasks technical support personnel would do and a list of the manuals that may be helpful for each task in the service support process. *35 pp., stapled.*

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## **SC21-9852, Application Programming: Application Development by Example**

The *Application Development by Example* provides application programmers with information needed to understand the relationships of some of the various programmer tools and utilities on the AS/400 system that can be used to produce an application. It presents a hypothetical mailing list application that illustrates how the user can design and run applications on the AS/400 system.

The *System Operations: Display Station User's Guide*, SC21-9744, and the *System Introduction*, GC21-9766, should be read before using this manual. *300 pp.*

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## **SC21-9858, Communications: Retail Communications Programmer's Guide**

The *Retail Communications Programmer's Guide* provides the application programmer or system administrator (with data processing skills) with the information needed to set up, start, and end retail communications. This manual also includes information about creating communications definitions for retail communications as well as information on writing retail communications applications and about using retail pass-through and retail communications. This manual also includes information on how to write application programs to communicate with programs on point-of-sale controllers.

This manual provides information on developing retail communications application programs that use the OS/400 intrasystem communications function (OS/400-ICF). This manual is for use with the *Communications: Programmer's Guide*, SC21-9590, which describes the ICF file interface. *150 pp.*

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## **SC21-9864, Communications: Intrasystem Communications Programmer's Guide**

The *Intrasystem Communications Programmer's Guide* provides the application programmer or programmer with information about interactive communications between two application programs on the same AS/400 system.

This manual describes the communications operations that can be coded into a program that uses intrasystem communications support to communicate with another program.

This manual provides information on developing intrasystem communications application programs that use the OS/400 intrasystem communications function (OS/400-ICF). This manual is for use with the *Communications: Programmer's Guide*, SC21-9590, which describes the ICF file interface. 175 pp.

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## **\*SC21-9868, Communications: Point-of-Sale Communications Utility User's Guide**

The *Point-of-Sale Utility User's Guide* provides the application programmer with information needed to use the AS/400 retail communications in an Advanced Data Communication for Stores (ADCS) environment.

This manual is for use with the *Communications: Retail Communications Programmer's Guide*, SC21-9858, which describes retail communications support on which the point-of-sale applications are built. 100 pp.

**Note:** This manual is available after January 15, 1990.

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## **\*SC21-9875, Communications: Transmission Control Protocol/Internet Protocol Guide**

The *TCP/IP Guide* provides the application programmer with information about what Transmission Control Protocol (TCP) is and how TCP relates to other AS/400 communications and AS/400 Office. This manual also tells how to use the call level interface to write TCP programs and how to use the TCP commands and the TCP/IP menus. 300 pp.

**Note:** This manual is available after January 15, 1990.

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## **SC21-9878, Licensed Programs and New Release Installation Guide**

The *Licensed Programs and New Release Installation Guide* provides the system operator or system administrator with step-by-step procedures for initial install, installing licensed programs, program temporary fixes (PTFS), and secondary languages from IBM.

This manual is also for users who already have an AS/400 system with an installed release and want to upgrade to a new release. 100 pp.

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## **SC21-9879, Office: OfficeVision/400 Adapted Word Processing Function User's Guide**

The *Adapted Word Processing Function User's Guide* provides the end user with information on how to do word processing tasks with the adapted word processing function of AS/400 Office. This manual allows users to use word processing while on 3270 display stations attached to 3274 controllers, 5250 family display stations attached to a System/38 with pass-through, and double-byte capable work stations such as 5295 and Personal System/55.

This manual is for use after the *Word Processing Learning Guide*. 50 pp., 3½" x 7¼", stapled.

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## **SC33-0536, Programming: GDDM Programming Guide**

The *GDDM Programming Guide* provides the application programmer with information about using OS/400 graphical data display manager (GDDM) to write graphics application programs.

This manual includes many example programs and information to help managers and planners understand how the product fits into data processing systems. 250 pp.

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## **SC33-0537, Programming: GDDM Programming Reference**

The *GDDM Programming Reference* provides the application programmer with information about using OS/400 graphical data display manager (GDDM) to write graphics application programs. This manual provides detailed descriptions of all graphics routines available in GDDM. It also provides information about high-level language interfaces to GDDM. 250 pp.

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## **SC40-1228, Communications: Traditional Chinese 3270 PC Emulation User's Guide**

The *Traditional Chinese 3270 PC Emulation User's Guide* is for Chinese users and provides the display station operator, programmer, or host programmer with information on how to use SNA Chinese 3270 PC emulation. 300 pp.

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## **SH18-2176, Utilities: Advanced Page Printer Writer User's Guide and Reference**

The *Advanced Page Printer User's Guide/Reference* provides the application programmer or programmer with information about using the advanced page printer writer (APPW) to create and maintain symbols and tailored forms. Using the printing capabilities available on the IBM 5227 page printer, the tailored forms look like preprinted ones and can be used with a variety of fonts and special functions.

This manual describes how to design the layout of a form, design symbols and images, specify fields where symbols and images are applied, and merge spooled data with tailored forms.

**Note:** This manual is for DBCS users only. 300 pp.

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## **SH18-2178, Utilities: Advanced Print Writer User's Guide and Reference**

The *Advanced Print Writer User's Guide/Reference* provides the application programmer or programmer with information about using the advanced print writer (APW) to create and maintain symbols and tailored forms. Using the printing capabilities available on the IBM 5227, 5327, or a functionally equivalent printer, the tailored forms look like preprinted ones and can be used with a variety of special functions.

This manual describes how to design the layout of a form, design symbols, specify fields where symbols and images are applied, and merge spooled data with tailored forms.

**Note:** This manual is for DBCS users only. 225 pp.

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## SH18-2179, Utilities: IBM 5583 Kanji Print Function User's Guide and Reference

The *IBM 5583 Kanji Print Function User's Guide and Reference* provides the application programmer or programmer with information about using the Kanji printer function (KPF) to create and maintain symbols and tailored forms. Using the printing capabilities available on the IBM 5383, the tailored forms look like preprinted ones and can be used with a variety of special functions.

This manual describes how to design the layout of a form, design symbols, specify fields where symbols and images are applied, and merge spooled data with tailored forms.

**Note:** This manual is for DBCS users only. 200 pp.

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## SH18-2182, PC Support (for PS/55): Planning and Installation Guide

The *PC Support (for PS/55)<sup>5</sup> Planning and Installation Guide* provides the personal computer technical coordinator with simple, step-by-step procedures to be used when installing PC Support. Program diskettes are also included with the manual.

**Note:** Personal System/55<sup>5</sup> is a family of IBM personal computers that are capable of processing Chinese, Korean, and Japanese languages. 25 pp.

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## SH18-2183, PC Support (for PS/55): Operations Reference

The *PC Support (for PS/55) Operations Reference* provides the personal computer technical coordinator with the information needed to set up, configure, and tailor PC Support through batch and configuration files, as well as PC Support Organizer.

**Note:** Personal System/55 is a family of IBM personal computers that are capable of processing Chinese, Korean, and Japanese languages. 250 pp.

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## SH18-2184, PC Support (for PS/55): Technical Reference

The *PC Support (for PS/55) Technical Reference* provides the programmer or personal computer technical coordinator with the technical information needed to do advanced configuration or tailoring of PC Support for a special operating environment.

**Note:** Personal System/55 is a family of IBM personal computers that are capable of processing Chinese, Korean, and Japanese languages. 150 pp.

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<sup>5</sup> Personal System/55 and PS/55 are trademarks of the International Business Machines Corporation in the U.S.A. and/or other countries.

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## **SH18-2185, PC Support (for PS/55): User's Guide**

The *PC Support (for PS/55) User's Guide* provides the personal computer operator or administrative secretary with concepts and examples of how to use the PC Support functions. It assumes that the PC Support product is already installed and set up.

**Note:** Personal System/55 is a family of IBM personal computers that are capable of processing Chinese, Korean, and Japanese languages. 125 pp.

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## **SH18-2186, PC Support (for PS/55): Messages and Problem Analysis Guide**

The *PC Support (for PS/55) Messages and Problem Analysis Guide* provides the personal computer operator, administrative secretary, or personal computer technical coordinator with information about error messages and recovery, problem analysis, and customer-related service information, including how to submit an authorized program analysis report (APAR) and apply a program temporary fix (PTF).

**Note:** Personal System/55 is a family of IBM personal computers that are capable of processing Chinese, Korean, and Japanese languages. 150 pp.

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## **SH23-0516, Programming: Cross System Product/Application Execution User's Guide and Reference**

The *CSPI/AE User's Guide/Reference* provides the system administrator, planner, or application programmer with information on running and managing Cross System Product applications on the AS/400 system. This includes information on commands, application differences, and working with files and objects. This manual also includes sections on problem analysis, messages, and codes. 200 pp.

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## **ST00-3296, Application Development Tools: Screen Design Aid User's Guide and Reference**

The *SDA User's Guide/Reference* provides the application programmer or system operator with information on how to use the screen design aid (SDA) in the System/36 environment of the AS/400 system. For information on using SDA in the System/38 environment, see the description of SC09-1171 on page 40. 100 pp.

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## **SX09-1047, Languages: System/36-Compatible COBOL Reference Summary**

The *System/36-Compatible COBOL Reference Summary* provides the application programmer with a summary of System/36-compatible COBOL commands and statements. 50 pp., 5½" x 8½", spiral bound.

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## **SX09-1048, Languages: System/38-Compatible COBOL Reference Summary**

The *System/38-Compatible COBOL Reference Summary* provides the application programmer with a summary of the System/38-compatible COBOL statements. 100 pp., 5½" x 8½", spiral bound.

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## **SX09-1049, Languages: COBOL/400 Reference Summary**

The *COBOL/400 Reference Summary* provides the application programmer with a summary of COBOL/400 statements. 150 pp., 5½" x 8½", spiral bound.

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## **SX09-1050, Languages: BASIC Reference Summary**

The *BASIC Reference Summary* provides the application programmer with the information needed to write programs using AS/400 BASIC commands and statements for commercial data processing or solving business, technical, or scientific problems. 100 pp., 5½" x 8½", spiral bound.

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## **SX09-1051, Languages: PL/I Reference Summary**

The *PL/I Reference Summary* provides the application programmer with a summary of the AS/400 PL/I commands and syntax. 100 pp., 5½" x 8½", spiral bound.

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## **\*SX09-1139, Languages: C/400 Reference Summary**

The *C/400 Reference Summary* provides the application programmer or programmer with a summary of information on the basic C/400 commands and detailed syntax diagrams for C/400 functions. 40 pp., 5½" x 8½", spiral bound.

**Note:** This manual is available after January 15, 1990.

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## **SX09-1164, Languages: RPG Reference Summary**

The *RPG Reference Summary* provides the application programmer or programmer with a summary of information on the basic RPG commands and detailed syntax diagrams for RPG functions. 12 pp., fold-out card.

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## **System Messages**

You can print a single message or a group of messages on your AS/400 system. For information on how to do this, see the section titled *Handling Messages* in the *Operator's Guide*.

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## Binders

After the system is delivered and unpacked, you should organize the publications for storage in binders or on shelves so that they can be easily located when needed. You can order binders that have the AS/400 cover design through your local IBM branch office. The size and page count of each manual can be found at the end of the description of the manual in Part 2, *Publication Titles and Descriptions*. This can help you determine which binder to order. The standard sizes are:

- AS/400 Standard 3-Ring Binder (1 inch), SX21-9924  
Capacity: 240 sheets (480 pages)
- AS/400 Standard 3-Ring Binder (1-1/2 inches), SX21-9925  
Capacity: 360 sheets (720 pages)
- AS/400 Standard 3-Ring Binder (2 inches), SX21-9926  
Capacity: 480 sheets (960 pages)



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## Part 3. Appendixes

This section includes information on which publications are shipped with each product or licensed program, how to order copies of the publications, how to look up the descriptions of the publications from the short title of the manual, and what related publications exist.



## Appendix A. Checklist of Manuals

For each hardware product or licensed program group, the checklist identifies the manuals by name and order number, tells which manuals are shipped with the product or program, and identifies any additional manuals that are available for that product or program. Because these additional manuals are not needed by all customers, you can decide which might be useful to you.

For each licensed program, the first publication listed is the licensed program specification for that program. These specifications provide a description of the program, as well as warranty information and operating requirements for the program.

You can look at the checklist and check off the manual name and order number of the manuals that you received with the product or program you ordered. If other manuals look helpful but are not included with the product or program, refer to Part 2, *Publication Titles and Descriptions*, for a brief description of those manuals. The descriptions are arranged by order number. To order one copy of each manual in a feature code grouping, specify that feature code with your system order. If the feature code is not specified on your original order, contact your marketing representative or remarketer. There is no charge for the first copy of each manual if you order it by feature code and have a license for the program.

If you have a question or did not receive a manual you ordered, please contact your local branch office or your marketing representative.

Table 5 (Page 1 of 6). Checklist of Manuals

Group	Manual Title	Order Number
Introduction	System Introduction*	GC21-9766
	National Language Support Guide	GC21-9877
	System Concepts	GC21-9802
Migration Planning Information	Migrating from System/36 Planning Guide*	GC21-9623
	Migrating from System/38 Planning Guide*	GC21-9624
9404 System Unit Planning Information	Central Site Distribution Guide	GA21-9993
	Data Communications Planning Guide*	GA21-9902
	Network Planning Guide	GC21-9861
	New Products Planning Information Planning Guide - 9404*	GA21-9984 GA21-9914
9406 System Unit Planning Information	Central Site Distribution Guide	GA21-9993
	Data Communications Planning Guide*	GA21-9902
	Network Planning Guide	GC21-9861
	New Products Planning Information Planning Guide - 9406*	GA21-9984 GA21-9913

\* These manuals will be furnished by your marketing representative.

Table 5 (Page 2 of 6). Checklist of Manuals

Group	Manual Title	Order Number
9404 System Unit Ship Group	<b>These manuals are shipped with this product group:</b>	
	ASCII Work Station Reference	SA21-9922
	Attaching Work Station and Communications Cables	SA21-9957
	Installation Directory	GA21-9981
	Removable Storage User's Guide – 9404	SA21-9967
	System Upgrade Guide – 9404	SA21-9919
	Twinaxial Work Station Controller Port Tester User's Guide	SA21-9944
	For Service Personnel:	
	Installation Guide – 9404	SY31-9066
	System Support: Analyzing Problems Guide – 9404	SY31-9064
	System Support: Parts Catalog – 9404	S131-0903
	System Support: Service Guide – 9404	SY31-9051
	System Support: Unit Reference Code Guide – 9404	SY31-9062
9406 System Unit Ship Group	<b>These manuals are shipped with this product group:</b>	
	ASCII Work Station Reference	SA21-9922
	Attaching Work Station and Communications Cables	SA21-9957
	Installation Directory	GA21-9981
	Twinaxial Work Station Controller Port Tester User's Guide	SA21-9944
	For Service Personnel:	
	System Support: Analyzing Problems Guide – 9406	SY31-9063
	System Support: Parts Catalog – 9406	S131-0902
	System Support: Processor I/O Card Unit Service Guide – 9406	SY31-9067
	System Support: Service Guide – 9406	SY31-0683
	System Support: System Upgrade Guide – 9406, Volume 1	SA21-9906
	System Support: System Upgrade Guide – 9406, Volume 2	SA21-9979
	System Support: Unit Reference Code Guide – 9406	SY31-9061
Advanced DBCS Printer Support (5728-AP1)	<b>These manuals are shipped with this licensed program only if the language feature ordered is Chinese, Japanese, Korean, English uppercase for DBCS support, or English upper/lowercase for DBCS support:</b>	
	Licensed Program Specifications: AS/400 Advanced DBCS Printer Support	GH18-2204
	Utilities: Advanced Page Printer Writer User's Guide and Reference (Japanese only)	SH18-2176
	Utilities: Advanced Print Writer User's Guide and Reference	SH18-2178
	Utilities: IBM 5583 Kanji Print Function User's Guide and Reference (Japanese only)	SH18-2179
Advanced Function Printing (AFP) Fonts (5728-FNT)	<b>This licensed program specification is shipped with this licensed program:</b>	
	Licensed Program Specifications: AS/400 Advanced Function Printing (AFP) Fonts	G544-3297
Application Development Tools (5728-PW1)	<b>These manuals are shipped with this licensed program:</b>	
	Licensed Program Specifications: AS/400 Application Development Tools	GC09-1177
	Application Development Tools: Data File Utility User's Guide and Reference	SC09-1169
	Application Development Tools: Programming Development Manager User's Guide and Reference	SC09-1173
	Application Development Tools: Screen Design Aid User's Guide and Reference	SC09-1171
	Application Development Tools: Source Entry Utility User's Guide and Reference	SC09-1172
	Programming: Advanced Printer Function Guide	SC21-9668
	<b>This manual is shipped with this licensed program only if the language feature ordered is Chinese, Japanese, Korean, English uppercase for DBCS support, or English upper/lowercase for DBCS support:</b>	
	Application Development Tools: Character Generator Utility User's Guide	SC09-1170
	<b>Use Feature Code 7067 to order this additional manual:</b>	
	Application Development Tools: Screen Design Aid User's Guide and Reference	ST00-3296

Table 5 (Page 3 of 6). Checklist of Manuals

Group	Manual Title	Order Number
BASIC (5728-BA1)	<b>These manuals are shipped with this licensed program:</b>	
	Licensed Program Specifications: AS/400 BASIC	GC09-1190
	Languages: BASIC Reference Summary	SX09-1050
	Languages: BASIC User's Guide and Reference	SC09-1157
Business Graphics Utility (5728-DS1)	<b>These manuals are shipped with this licensed program:</b>	
	Licensed Program Specifications: AS/400 Business Graphics Utility	GC09-1180
	Utilities: Business Graphics Utility User's Guide and Reference	SC09-1167
C/400 (5728-CX1)	<b>These manuals will be available after January 15, 1990.:</b>	
	Licensed Program Specifications: C/400	GC09-1304
	Languages: C/400 Reference Summary	SX09-1139
	Languages: C/400 User's Guide	SC09-1303
	Systems Application Architecture Common Programming Interface: C Reference	SC09-1308
COBOL/400 (5728-CB1)	<b>These manuals are shipped with this licensed program:</b>	
	Licensed Program Specifications: COBOL/400	GC09-1189
	Languages: COBOL/400 Reference	SC09-1240
	Languages: COBOL/400 Reference Summary	SX09-1049
	Languages: COBOL/400 User's Guide	SC09-1158
	<b>Use Feature Code 7064 to order these additional manuals:</b>	
	Languages: System/36-Compatible COBOL Reference Summary	SX09-1047
	Languages: System/36-Compatible COBOL User's Guide and Reference	SC09-1160
	<b>Use Feature Code 7065 to order these additional manuals:</b>	
	Languages: System/38-Compatible COBOL Reference Summary	SX09-1048
Languages: System/38-Compatible COBOL User's Guide and Reference	SC09-1159	
Communications Utilities (5728-CM1)	<b>These manuals are shipped with this licensed program:</b>	
	Licensed Program Specifications: AS/400 Communications Utilities	GC09-1176
	Communications: Distribution Services Network Administrator's Guide	SC21-9588
	Communications: Remote Job Entry Facility Installation Guide	SC09-1201
	Communications: Remote Job Entry Facility User's Guide and Reference	SC09-1168
Cryptographic Support (5728-CR1)	<b>These manuals are shipped with this licensed program:</b>	
	Licensed Program Specifications: Cryptographic Support	GC21-9622
	Programming: Cryptographic User's Guide	SC21-8080
Language Dictionaries (5728-DCT)	<b>This manual is shipped with this licensed program:</b>	
Licensed Program Specifications: AS/400 Language Dictionaries	GC21-9796	
Office (5728-WP1)	<b>These manuals are shipped with this licensed program:</b>	
	Licensed Program Specifications: AS/400 Office	GC21-9631
	Office: OfficeVision/400 Adapted Word Processing Function User's Guide	SC21-9879
	Office: OfficeVision/400 Common Tasks	GX21-9868
	Office: OfficeVision/400 Learning Guide	SC21-9615
	Office: OfficeVision/400 Planning Guide	SC21-9626
	Office: OfficeVision/400 Setting Up and Administering Guide	SC21-9627
	Office: OfficeVision/400 User's Guide	SC21-9616
	Office: OfficeVision/400 Word Processing Learning Guide	SC21-9617
	Office: OfficeVision/400 Word Processing User's Guide	SC21-9618
	Office: OfficeVision/400 122 Typewriter Keyboard Template	SX21-9937
	Office: OfficeVision/400 5250 and PC Keyboard Emulating 5250 Style Template	SX21-9938
	Office: OfficeVision/400 3101 Keyboard Template	SX21-9943
	Office: OfficeVision/400 ASCII Enhanced Keyboard Template	SX21-9942
	Office: OfficeVision/400 IBM Enhanced Keyboard Template	SX21-9940
Office: OfficeVision/400 PC Enhanced Keyboard Template	SX21-9941	
Office: OfficeVision/400 PC Keyboard Emulating PC Style Template	SX21-9939	

Table 5 (Page 4 of 6). Checklist of Manuals

Group	Manual Title	Order Number
Operating System/400 (5728-SS1)	<b>These manuals are shipped with this licensed program:</b>	
	Licensed Program Specifications: Operating System/400	GC21-9621
	Communications: User's Guide	SC21-9601
	\ Device Configuration Guide	SC21-8106
	Information Directory	GC21-9678
	Key to Service Software	GA21-9992
	Licensed Programs and New Release Installation Guide	SC21-9878
	Programming: Backup and Recovery Guide	SC21-8079
	Programming: Command Reference Summary	SC21-8076
	Programming: Security Concepts and Planning	SC21-8083
	Software Maintenance Strategy	GA21-9575
	Special Character Set Keyboard Template Package	SX21-9950
	System Operations: Common Tasks	GA21-9573
	\ System Operations: Display Station User's Guide	SC21-9744
	System Operations: Online Education Administering Guide	SC21-9770
	System Operations: Operator's Guide	SC21-8082
	System Operations: Question-and-Answer Database Coordinator's Guide	SC21-8086
	<b>Use Feature Code 7060 to order these additional manuals:</b>	
	Communications: 3270 Device Emulation User's Guide	SC21-9602
	Communications: Advanced Program-to-Program Communications and Advanced Peer-to-Peer Networking User's Guide	SC21-9598
	Communications: Asynchronous Communications Programmer's Guide	SC21-9592
	Communications: BSC Equivalence Link Programmer's Guide	SC21-9593
	Communications: Communications and Systems Management User's Guide	SC21-9661
	Communications: Distributed Data Management User's Guide	SC21-9600
	Communications: Distribution Services Network Administrator's Guide	SC21-9588
	Communications: Finance Communications Programmer's Guide	SC21-8099
	Communications: Intrasystem Communications Programmer's Guide	SC21-9864
	Communications: Programmer's Guide	SC21-9590
	Communications: Retail Communications Programmer's Guide	SC21-9858
	Communications: SNA Upline Facility Programmer's Guide	SC21-9594
	<b>Use Feature Code 7061 to order these additional manuals:</b>	
	Application Programming: Application Development by Example	SC21-9852
	IBM's Technical Reference for Digitized Type	S544-3516
	Programming: Control Language Programmer's Guide	SC21-8077
	Programming: Control Language Reference	
	Volume 1 Overview and Syntax	SC21-9775
	Volume 2 ADDxxx through CPYxxx	SC21-9776
	Volume 3 CRTxxx through DLTxxx	SC21-9777
	Volume 4 DLYxxx through RRTxxx	SC21-9778
	Volume 5 RSMxxx through WRKxxx	SC21-9779
	Programming: Cross System Product/Application Execution User's Guide and Reference	SH23-0516
	Programming: Database Guide	SC21-9659
	Programming: Data Description Specifications Coding Form	GX21-9891
	Programming: Data Description Specifications Debugging Template	GX21-9890
	Programming: Data Description Specifications Reference	SC21-9620
	Programming: Data Management Guide	SC21-9658
	\ Programming: GDDM Programming Guide	SC33-0536
	\ Programming: GDDM Programming Reference	SC33-0537
	Programming: Office Services Concepts and Programmer's Guide	SC21-9758
	Programming: System Reference Summary	SC21-8104
	Programming: Work Management Guide	SC21-8078
	Utilities: Interactive Data Definition Utility User's Guide	SC21-9657
	Utilities: Sort Coding Form	SX09-1068
	\ Utilities: Sort User's Guide and Reference	SC09-1164
	<b>Use Feature Code 7062 to order these additional manuals:</b>	
Programming: Concepts and Programmer's Guide for the System/36 Environment	SC21-9663	
Programming: System Reference for the System/36 Environment	SC21-9662	
Utilities: Data File Utility List for the System/36 Environment User's Guide and Reference	SC09-1222	
<b>Use Feature Code 7063 to order this additional manual:</b>		
Programming: System/38 Environment Programmer's Guide and Reference	SC21-9755	

Table 5 (Page 5 of 6). Checklist of Manuals

Group	Manual Title	Order Number
	<b>Use Feature Code 8006 to order this additional manual at the prevailing retail price:</b> System Support: Diagnostic Aids	LY21-0597
	<b>Use Feature Code 7060 to order this additional manual only if the language feature ordered is Korean, English uppercase for DBCS support, or English upper/lowercase for DBCS support:</b> Communications: SNA Hangeul 3270PC Emulation User's Guide (Korean only)	K:SC18-2213
	<b>Use Feature Code 7060 to order this additional manual only if the language feature ordered is Japanese, English uppercase for DBCS support, or English upper/lowercase for DBCS support:</b> Communications: SNA Japanese 3270 PC Emulations User's Guide (Japanese only)	N:SC18-2213
	<b>Use Feature Code 7060 to order this additional manual only if the language feature ordered is Traditional Chinese, English uppercase, or English upper/lower case for DBCS support:</b> Communications: SNA Traditional Chinese 3270 PC Emulation User's Guide (Traditional Chinese only)	SC40-1228
	<b>This manual is shipped with this licensed program only if the language feature ordered is Chinese, Japanese, Korean, English uppercase for DBCS support, or English upper/lowercase for DBCS support:</b> System Operations: Font Management Aid User's Guide	SC18-2216
Pascal (5728-PS1)	<b>These manuals are shipped with this licensed program:</b> Licensed Program Specifications: AS/400.Pascal Languages: Pascal Reference Languages: Pascal User's Guide	GC09-1239 SC09-1210 SC09-1209
PC Support (5728-PC1)	<b>The following are shipped with this licensed program:</b> Licensed Program Specifications: AS/400 PC Support Plastic Diskette Holder PC Support: Planning and Installation Guide PC Support: Keyboard Templates PC Support: Messages and Problem Analysis Guide PC Support: Operations Reference PC Support: Technical Reference PC Support: User's Guide	GC21-9633 SA38-0015 SC21-8089 SX21-9912 SC21-8093 SC21-8090 SC21-8091 SC21-8092
PC Support for PS/55 (5728-PC1)	<b>These manuals are shipped with this licensed program only if the language feature is Chinese, Japanese, Korean, English uppercase for DBCS support, or English upper/lowercase for DBCS support:</b> PC Support (for PS/55): Planning and Installation Guide PC Support (for PS/55): Messages and Problem Analysis PC Support (for PS/55): Operations Reference PC Support (for PS/55): Technical Reference PC Support (for PS/55): User's Guide	SH18-2182 SH18-2186 SH18-2183 SH18-2184 SH18-2185
Performance Tools (5728-PT1)	<b>These manuals are shipped with this licensed program:</b> Licensed Program Specifications: AS/400 Performance Measurement Tools Programming: Performance Tools Guide	GC21-9652 SC21-8084
PL/I (5728-PL1)	<b>These manuals are shipped with this licensed program:</b> Licensed Program Specifications: AS/400 PL/I Languages: PL/I Reference Summary Languages: PL/I User's Guide and Reference	GC09-1191 SX09-1051 SC09-1156
Point-of-Sale Communications Utility (5728-CF1)	<b>These manuals will be available after January 15, 1990:</b> Licensed Program Specifications: AS/400 Point-of-Sale Communications Utility Communications: Point-of-Sale Communications Utility User's Guide	GC21-9881 SC21-9868
Query (5728-QU1)	<b>These manuals are shipped with this licensed program:</b> Licensed Program Specifications: AS/400 Query Query: User's Guide	GC21-9653 SC21-9614

Table 5 (Page 6 of 6). Checklist of Manuals

Group	Manual Title	Order Number
RPG/400 (5728-RG1)	<b>These manuals are shipped with this licensed program:</b>	
	Licensed Program Specifications: RPG/400	GC09-1186
	Languages: RPG Reference Summary	SX09-1164
	Languages: RPG/400 Reference	SC09-1089
	Languages: RPG/400 User's Guide	SC09-1161
	<b>Use Feature Code 7066 to order this additional manual:</b>	
	Languages: System/36-Compatible RPG II User's Guide and Reference	SC09-1162
Structured Query Language/400 (5728-ST1)	<b>These manuals are shipped with this licensed program:</b>	
	Licensed Program Specifications: Structured Query Language/400	GC21-8098
	Programming: Structured Query Language/400 Programmer's Guide	SC21-9609
	Programming: Structured Query Language/400 Reference	SC21-9608
System/36 Migration Aid (5727-MG1)	<b>These manuals are shipped with this licensed program:</b>	
	Licensed Program Specifications: System/36 to AS/400 Migration Aid	GC09-1181
	System/36 to AS/400 Migration Aid User's Guide and Reference	SC09-1166
	<b>Use Feature Code 7049 to order these additional manuals:</b>	
	Programming: Concepts and Programmer's Guide for the System/36 Environment	SC21-9663
	Programming: System Reference for the System/36 Environment	SC21-9662
	System/36 to AS/400 Work Station Utility Conversion Guide	SC09-1221
System/38 Migration Aid (5714-MG1)	<b>These manuals are shipped with this licensed program:</b>	
	Licensed Program Specifications: System/38 to AS/400 Migration Aid	GC09-1182
	Programming: System/38 Environment Programmer's Guide and Reference	SC21-9755
	System/38 to AS/400 Migration Aid User's Guide and Reference	SC09-1165
System/38 Utilities (5728-DB1)	<b>These manuals are shipped with this licensed program:</b>	
	Licensed Program Specifications: AS/400 System/38 Utilities	GC09-1236
	System/38 Compatibility: Data File Utility/38 User's Guide and Reference	SC09-1217
	System/38 Compatibility: Query/38 User's Guide and Reference	SC09-1218
	System/38 Compatibility: Text Management/38 User's Guide and Reference	SC21-9759
TCP/IP Connectivity Utility (5728-TC1)	<b>These manuals will be available after January 15, 1990:</b>	
	Licensed Program Specifications: AS/400 TCP/IP Connectivity Utility	GC21-9882
	Communications: Transmission Control Protocol/Internet Protocol Guide	SC21-9875

## Ordering Additional Manuals

You can order manuals from IBM through the System Library Subscription Service (SLSS) or directly through your local IBM branch office.

## The System Library Subscription Service

The System Library Subscription Service (SLSS) provides you with an easy way to obtain system manuals.

SLSS is available through your local IBM branch office. You can order single or multiple copies of manuals through SLSS and receive updated copies each time the manual is changed. Your marketing representative will discuss this service with you, help you create your order, and advise you of what is billable on your order. All manuals with an S prefix on the form number are billable on SLSS at this time.

Ask your marketing representative for a copy of the manual *Entering an SLSS Subscription*, G320-1561, if you want more information concerning SLSS.



## Appendix B. Ordering Copies

All manuals listed in this directory are available through your local IBM branch office. Manuals with a G prefix on the order number are provided free of charge in reasonable quantities; those with an S prefix are billed at the prevailing retail price. Quantity discounts are available; please discuss this with the branch office personnel or your marketing representative.

You might want to order additional copies of a manual or a group of manuals. For example, to order additional copies of the *Display Station User's Guide* so that you have a copy at each display station, specify the order number for that manual, SC21-9744. To order additional copies of all the manuals that were shipped with the Operating System/400 (5728-SS1) program, specify the bill-of-forms number, SBOF-3053. The order number for each manual, as well as the order number for each group of manuals, is shown in the following list.

Table 6 (Page 1 of 5). Bill of Forms List

Group	Manual Title	Order Number
Introduction	<b>Use bill-of-forms number GBOF-3050 to order these manuals:</b>	
	System Introduction	GC21-9766
	Information Directory	GC21-9678
	<b>Use the order numbers to order these manuals:</b>	
	National Language Support Guide	GC21-9877
	System Concepts	GC21-9802
Migration Planning Information	<b>Use the order numbers to order these manuals:</b>	
	Migrating from System/36 Planning Guide	GC21-9623
9404 System Unit Planning Information	Migrating from System/38 Planning Guide	GC21-9624
	<b>Use the order numbers to order these manuals:</b>	
	Central Site Distribution Guide	GA21-9993
	Data Communications Planning Guide	GA21-9902
	Network Planning Guide	GC21-9861
	New Products Planning Information	GA21-9984
	Planning Guide – 9404	GA21-9914
<b>Use bill-of-forms number GBOF-3052 to order this manual and binder:</b>		
Planning Guide – 9404	GA21-9914	
AS/400 3-Ring Binder (1-1/2 inches)	SX21-9925	
9406 System Unit Planning Information	<b>Use the order numbers to order these manuals:</b>	
	Central Site Distribution Guide	GA21-9993
	Data Communications Planning Guide	GA21-9902
	Network Planning Guide	GC21-9861
	New Products Planning Information	GA21-9984
	Planning Guide – 9406	GA21-9913
	<b>Use bill-of-forms number GBOF-3051 to order this manual and binder:</b>	
	Planning Guide – 9406	GA21-9913
AS/400 3-Ring Binder (1-1/2 inches)	SX21-9925	
9404 System Unit Ship Group	<b>Use the order numbers to order these manuals:</b>	
	ASCII Work Station Reference	SA21-9922
	Attaching Work Station and Communications Cables	SA21-9957
	Installation Directory	GA21-9981
	Removable Storage User's Guide – 9404	SA21-9967
	System Upgrade Guide – 9404	SA21-9919
	Twinaxial Work Station Controller Port Tester User's Guide	SA21-9944

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Group	Manual Title	Order Number
	For Service Personnel:	
	Installation Guide – 9404	SY31-9066
	System Support: Analyzing Problems Guide – 9404	SY31-9064
	System Support: Parts Catalog – 9404	S131-0903
	System Support: Service Guide – 9404	SY31-9051
	System Support: Unit Reference Code Guide – 9404	SY31-9062
9406 System Unit Ship Group	<b>Use the order numbers to order these manuals:</b>	
	ASCII Work Station Reference	SA21-9922
	Attaching Work Station and Communications Cables	SA21-9957
	Installation Directory	GA21-9981
	Twinaxial Work Station Controller Port Tester User's Guide	SA21-9944
	For Service Personnel:	
	System Support: Analyzing Problems Guide – 9406	SY31-9063
	System Support: Parts Catalog – 9406	S131-0902
	System Support: Processor I/O Card Unit Service Guide – 9406	SY31-9067
	System Support: Service Guide – 9406	SY31-0683
	System Support: System Upgrade Guide – 9406, Volume 1	SA21-9906
	System Support: System Upgrade Guide – 9406, Volume 2	SA21-9979
	System Support: Unit Reference Code Guide – 9406	SY31-9061
Advanced DBCS Printer Support (5728-AP1)	<b>Use the order numbers to order these DBCS manuals:</b>	
	Utilities: Advanced Page Printer Writer User's Guide and Reference (Japanese only)	SH18-2176
	Utilities: Advanced Print Writer User's Guide and Reference	SH18-2178
	Utilities: IBM 5583 Kanji Print Function User's Guide and Reference (Japanese only)	SH18-2179
Application Development Tools (5728-PW1)	<b>Use bill-of-forms number SBOF-3068 to order these manuals:</b>	
	Application Development Tools: Data File Utility User's Guide and Reference	SC09-1169
	Application Development Tools: Programming Development Manager User's Guide and Reference	SC09-1173
	Application Development Tools: Screen Design Aid User's Guide and Reference	SC09-1171
	Application Development Tools: Source Entry Utility User's Guide and Reference	SC09-1172
	Programming: Advanced Printer Function Guide	SC21-9668
	<b>Use the order number to order this manual:</b>	
	Application Development Tools: Screen Design Aid User's Guide and Reference	ST00-3296
	<b>Use the order number to order this manual:</b>	
	Application Development Tools: Character Generator Utility User's Guide	SC09-1170
BASIC (5728-BA1)	<b>Use bill-of-forms number SBOF-3059 to order these manuals:</b>	
	Languages: BASIC Reference Summary	SX09-1050
	Languages: BASIC User's Guide and Reference	SC09-1157
Business Graphics Utility (5728-DS1)	<b>Use the order number to order this manual:</b>	
	Utilities: Business Graphics Utility User's Guide and Reference	SC09-1167
C/400 (5728-CX1)	<b>Use bill-of-forms number SBOF-2227 (after January 15, 1990) to order these manuals:</b>	
	Languages: C/400 Reference Summary	SX09-1139
	Languages: C/400 User's Guide	SC09-1303
	Systems Application Architecture Common Programming Interface: C Reference	SC09-1308
COBOL/400 (5728-CB1)	<b>Use bill-of-forms number SBOF-3060 to order these manuals:</b>	
	Languages: COBOL/400 Reference	SC09-1240
	Languages: COBOL/400 Reference Summary	SX09-1049
	Languages: COBOL/400 User's Guide	SC09-1158
	<b>Use bill-of-forms number SBOF-3061 to order these manuals:</b>	
	Languages: System/36-Compatible COBOL Reference Summary	SX09-1047
	Languages: System/36-Compatible COBOL User's Guide and Reference	SC09-1160

Table 6 (Page 3 of 5). Bill of Forms List

Group	Manual Title	Order Number
	<b>Use bill-of-forms number SBOF-3062 to order these manuals:</b>	
	Languages: System/38-Compatible COBOL Reference Summary	SX09-1048
	Languages: System/38-Compatible COBOL User's Guide and Reference	SC09-1159
Communications Utilities (5728-CM1)	<b>Use bill-of-forms number SBOF-3063 to order these manuals:</b>	
	Communications: Distribution Services Network Administrator's Guide	SC21-9588
	Communications: Remote Job Entry Facility Installation Guide	SC09-1201
	Communications: Remote Job Entry Facility User's Guide and Reference	SC09-1168
Cryptographic Support (5728-CR1)	<b>Use the order number to order this manual:</b>	
	Programming: Cryptographic User's Guide	SC21-8080
Office (5728-WP1)	<b>Use bill-of-forms number SBOF-3064 to order these manuals:</b>	
	Office: OfficeVision/400 Adapted Word Processing Function User's Guide	SC21-9879
	Office: OfficeVision/400 Common Tasks	GX21-9868
	Office: OfficeVision/400 Learning Guide	SC21-9615
	Office: OfficeVision/400 Planning Guide	SC21-9626
	Office: OfficeVision/400 Setting Up and Administering Guide	SC21-9627
	Office: OfficeVision/400 User's Guide	SC21-9616
	Office: OfficeVision/400 Word Processing Learning Guide	SC21-9617
	Office: OfficeVision/400 Word Processing User's Guide	SC21-9618
	<b>Note:</b> One copy of each template listed below is included in this SBOF.	
	<b>Use the order numbers to order individual copies of these keyboard templates:</b>	
	Office: OfficeVision/400 122 Typewriter Keyboard Template	SX21-9937
	Office: OfficeVision/400 5250 and PC Keyboard Emulating 5250 Style Template	SX21-9938
	Office: OfficeVision/400 3101 Keyboard Template	
	Office: OfficeVision/400 ASCII Enhanced Keyboard Template	SX21-9943
	Office: OfficeVision/400 IBM Enhanced Keyboard Template	SX21-9942
	Office: OfficeVision/400 PC Enhanced Keyboard Template	SX21-9940
	Office: OfficeVision/400 PC Keyboard Emulating PC Style Template	SX21-9941
		SX21-9939
Operating System/400 (5728-SS1)	<b>Use bill-of-forms number SBOF-3053 to order these manuals:</b>	
	Communications: User's Guide	SC21-9601
	Device Configuration Guide	SC21-8106
	Information Directory	GC21-9678
	Key to Service Software	GA21-9992
	Licensed Programs and New Release Installation Guide	SC21-9878
	Programming: Backup and Recovery Guide	SC21-8079
	Programming: Command Reference Summary	SC21-8076
	Programming: Security Concepts and Planning	SC21-8083
	Software Maintenance Strategy	GA21-9575
	System Operations: Common Tasks	GA21-9573
	System Operations: Display Station User's Guide	SC21-9744
	System Operations: Online Education Administering Guide	SC21-9770
	System Operations: Operator's Guide	SC21-8082
	System Operations: Question-and-Answer Database Coordinator's Guide	SC21-8086
	<b>Use bill-of-forms number SBOF-3054 to order these manuals:</b>	
	Communications: 3270 Device Emulation User's Guide	SC21-9602
	Communications: Advanced Program-to-Program Communications and Advanced Peer-to-Peer Networking User's Guide	SC21-9598
	Communications: Asynchronous Communications Programmer's Guide	SC21-9592
	Communications: BSC Equivalence Link Programmer's Guide	SC21-9593
	Communications: Communications and Systems Management User's Guide	SC21-9661
	Communications: Distributed Data Management User's Guide	SC21-9600
	Communications: Distribution Services Network Administrator's Guide	SC21-9588
	Communications: Finance Communications Programmer's Guide	SC21-8099
	Communications: Intrasystem Communications Programmer's Guide	SC21-9864
	Communications: Programmer's Guide	SC21-9590
	Communications: Retail Communications Programmer's Guide	SC21-9858
	Communications: SNA Upline Facility Programmer's Guide	SC21-9594

Table 6 (Page 4 of 5). Bill of Forms List

Group	Manual Title	Order Number
	<b>Use the order numbers to order these manuals:</b>	
	Data Communications: Remote Work Station Networking Example	SA21-9977
	Data Communications: SNA/SDLC 3270 Device Emulation and Remote Job Entry Example	SA21-9987
	Intermediate Process for Service and Support	SC21-9846
	<b>Use bill-of-forms number SBOF-0481 to order these manuals:</b>	
	Programming: Control Language Reference	
	Volume 1 Overview and Syntax	SC21-9775
	Volume 2 ADDxxx through CPYxxx	SC21-9776
	Volume 3 CRTxxx through DLTxxx	SC21-9777
	Volume 4 DLYxxx through RRTxxx	SC21-9778
	Volume 5 RSMxxx through WRKxxx	SC21-9779
	<b>Use bill-of-forms number SBOF-3055 to order these manuals:</b>	
	Application Programming: Application Development by Example	SC21-9852
	Programming: Backup and Recovery Guide	SC21-8079
	Programming: Control Language Programmer's Guide	SC21-8077
	Programming: Database Guide	SC21-9659
	Programming: Data Management Guide	SC21-9658
	Programming: Office Services Concepts and Programmer's Guide	SC21-9758
	Programming: Security Concepts and Planning	SC21-8083
	Programming: System Reference Summary	SC21-8104
	Programming: Work Management Guide	SC21-8078
	<b>Use bill-of-forms number SBOF-3056 to order these manuals:</b>	
	Programming: Data Description Specifications Coding Form	GX21-9891
	Programming: Data Description Specifications Debugging Template	GX21-9890
	Programming: Data Description Specifications Reference	SC21-9620
	<b>Use bill-of-forms number SBOF-3057 to order these manuals:</b>	
	Programming: GDDM Programming Guide	SC33-0536
	Programming: GDDM Programming Reference	SC33-0537
	<b>Use bill-of-forms number SBOF-3058 to order these manuals:</b>	
	Programming: Concepts and Programmer's Guide for the System/36 Environment	SC21-9663
	Programming: System Reference for the System/36 Environment	SC21-9662
	Utilities: Data File Utility List for the System/36 Environment User's Guide and Reference	SC09-1222
	<b>Use the order numbers to order these manuals:</b>	
	Programming: Cross System Product/Application Execution User's Guide and Reference	SH23-0516
	Programming: System/38 Environment Programmer's Guide and Reference	SC21-9755
	Special Character Set Keyboard Template Package	SX21-9950
	Utilities: Interactive Data Definition Utility User's Guide	SC21-9657
	Utilities: Sort Coding Form	SX09-1068
	Utilities: Sort User's Guide and Reference	SC09-1164
	<b>Use Feature Code 8006 to order this manual:</b>	
	System Support: Diagnostic Aids	LY21-0597
	<b>Use the order numbers to order these manuals:</b>	
	IBM's Technical Reference for Digitized Type	S544-3516
	System Operations: Advanced Function Printing by Example	SC21-8181
	<b>Use the order numbers to order these DBCS manuals:</b>	
	Communications: SNA Hangeul 3270 PC Emulation User's Guide (Korean only)	SC18-2216
	Communications: SNA Japanese 3270 PC Emulation User's Guide (Japanese only)	N:SC18-2213
	Communications: SNA Traditional Chinese 3270 PC Emulation User's Guide (Traditional Chinese only)	K:SC18-2213
	System Operations: Font Management Aid User's Guide	SC40-1228
Pascal (5728-PS1)	<b>Use bill-of-forms number SBOF-3065 to order these manuals:</b>	
	Languages: Pascal Reference	SC09-1210
	Languages: Pascal User's Guide	SC09-1209

Table 6 (Page 5 of 5). Bill of Forms List

Group	Manual Title	Order Number
PC Support (5728-PC1)	<b>Use bill-of-forms number SBOF-3066 to order these manuals:</b>	
	PC Support: Planning and Installation Guide	SC21-8089
	PC Support: Keyboard Templates	SX21-9912
	PC Support: Messages and Problem Analysis Guide	SC21-8093
	PC Support: Operations Reference	SC21-8090
	PC Support: Technical Reference	SC21-8091
PC Support for PS/55 (5728-PC1)	<b>Use bill-of-forms number SBOF-3016 to order these DBCS manuals:</b>	
	PC Support (for PS/55): Planning and Installation Guide	SH18-2182
	PC Support (for PS/55): Messages and Problem Analysis Guide	SH18-2186
	PC Support (for PS/55): Operations Reference	SH18-2183
	PC Support (for PS/55): Technical Reference	SH18-2184
	PC Support (for PS/55): User's Guide	SH18-2185
Performance Tools (5728-PT1)	<b>Use the order number to order this manual:</b>	
	Programming: Performance Tools Guide	SC21-8084
PL/I (5728-PL1)	<b>Use bill-of-forms number SBOF-3067 to order these manuals:</b>	
	Languages: PL/I Reference Summary	SX09-1051
Point-of-Sale Communications Utility (5728-CF1)	Languages: PL/I User's Guide and Reference	SC09-1156
	<b>Use the order number to order this manual (after January 15, 1990):</b>	
Query (5728-QU1)	Communications: Point-of-Sale Communications Utility User's Guide	SC21-9868
	<b>Use the order number to order this manual:</b>	
RPG/400 (5728-RG1)	Query: User's Guide	SC21-9614
	<b>Use bill-of-forms number SBOF-3069 to order these manuals:</b>	
Structured Query Language/400 (5728-ST1)	Languages: RPG Reference Summary	SX09-1164
	Languages: RPG/400 Reference	SC09-1089
	Languages: RPG/400 User's Guide	SC09-1161
System/36 Migration Aid (5727-MG1)	<b>Use the order number to order this manual:</b>	
	Languages: System/36-Compatible RPG II User's Guide and Reference	SC09-1162
	<b>Use bill-of-forms number SBOF-3070 to order these manuals:</b>	
System/38 Migration Aid (5714-MG1)	Programming: Structured Query Language/400 Programmer's Guide	SC21-9609
	Programming: Structured Query Language/400 Reference	SC21-9608
	<b>Use the order numbers to order these manuals:</b>	
	Programming: Concepts and Programmer's Guide for the System/36 Environ	SC21-9663
	Programming: System Reference for the System/36 Environment	SC21-9662
System/38 Utilities (5728-DB1)	System/36 to AS/400 Work Station Utility Conversion Guide	SC09-1221
	System/36 to AS/400 Migration Aid User's Guide and Reference	SC09-1166
System/38 Migration Aid (5714-MG1)	<b>Use bill-of-forms number SBOF-3072 to order these manuals:</b>	
	Programming: System/38 Environment Programmer's Guide and Reference	SC21-9755
System/38 Utilities (5728-DB1)	System/38 to AS/400 Migration Aid User's Guide and Reference	SC09-1165
	<b>Use bill-of-forms number SBOF-3071 to order these manuals:</b>	
	System/38 Compatibility: Data File Utility/38 User's Guide and Reference	SC09-1217
	System/38 Compatibility: Query/38 User's Guide and Reference	SC09-1218
TCP/IP Connectivity Utility (5727-TC1)	System/38 Compatibility: Text Management/38 User's Guide and Reference	SC21-9759
	<b>Use the order number (after January 15, 1990) to order this manual:</b>	
	Communications: Transmission Control Protocol/Internet Protocol Guide	SC21-9875



## Appendix C. Index of Short Titles

The following list shows all of the manuals by short (familiar) title, the order numbers, and the page number of the description. An asterisk (\*) indicates that the manual is available after January 15, 1990.

Table 7 (Page 1 of 3). Short Titles of AS/400 Manuals

Title	Order number	Page
Adapted Word Processing Function User's Guide	SC21-9879	55
Advanced Function Printing by Example	SC21-8181	46
Advanced Page Printer Writer User's Guide/Reference	SC18-2176	56
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## Appendix D. Related Publications

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### Systems Application Architecture Publications

Systems Application Architecture (SAA) publications are available for use as reference materials for development of cross-system consistency across hardware, architecture, and operating systems environments. An asterisk (\*) indicates that the manual is available after January 15, 1990.

The following SAA manuals are related to the AS/400 system and system publications:

GC26-4341, *Systems Application Architecture: An Overview*

SC09-1286, *Systems Application Architecture Common Programming Interface: RPG Reference*

\*SC09-1308, *Systems Application Architecture Common Programming Interface: C Reference*

SC26-4348, *Systems Application Architecture Common Programming Interface: Database Reference*

SC26-4349, *Systems Application Architecture Common Programming Interface: Query Reference*

SC26-4351, *Systems Application Architecture Common User Access: Panel Design and User Interaction*

SC26-4354, *Systems Application Architecture Common Programming Interface: COBOL Reference*

SC26-4355, *Systems Application Architecture Common Programming Interface: Application Generator Reference*

SC26-4356, *Systems Application Architecture Common Programming Interface: Dialog Reference*

SC26-4358, *Systems Application Architecture Common Programming Interface: Procedures Language Reference*

SC26-4359, *Systems Application Architecture Common Programming Interface: Presentation Reference*

SC26-4362, *Systems Application Architecture Writing Applications: A Design Guide*

To order the SAA publications, refer to the process described under "Ordering Additional Manuals" on page 68.

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## Supplemental Information

Redbooks are supplemental information sources produced by various IBM International Technical Support Centers. They typically cover certain topics in more detail than may be covered in the manuals. They are in a step-by-step format and include examples of configurations and code. To order the redbooks, follow the ordering procedures under "Ordering Additional Manuals" on page 68. These are the redbooks that are currently available.

GG24-3249, *System/36 System Migration to AS/400*

GG24-3250, *System/36 to AS/400 Application Migration*

GG24-3251, *System/38 Application Migration to AS/400*

GG24-3252, *System/36 and System/38 Office migration to AS/400*

GG24-3253, *AS/400 Communications Migration*

GG24-3255, *AS/400 PC Support*

GG24-3268, *AS/400 Office in a DIA/SNADS Network*

GG24-3284, *AS/400 Network Management in a Peer Environment*

GG24-3287, *AS/400 Advanced Peer to Peer Networking (APPN)*

GG24-3289, *Management of AS/400 in SNA Subarea Network Using  
Netview*

GG24-3304, *Converting System/36 Environment Applications to  
Native AS/400*

GG24-3305, *AS/400 Communications Problem Determination*

GG24-3306, *AS/400 Office Application Program Interfaces*

GG24-3321, *Structured Query Language/400: A Guide for  
Implementation*

GG24-3322, *AS/400 Security and Auditing Considerations*

In addition to the redbooks, there is a variety of additional information available related to the AS/400 system such as newsletters and technology reports. Contact your branch office for information about these publications.

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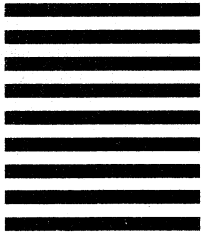
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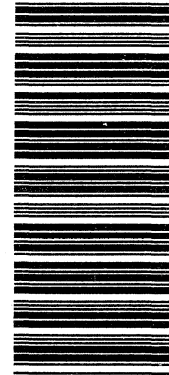






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