

Wang Customer Resource Catalog

**WANG**

Documentation and Training

First Edition  
Fall/Winter 1982/3

## **WANG SUPPORT**

"You're entitled to the best"

Wang is committed to provide you with full-service support. Our objective is simple: to provide you with comprehensive support services that complement Wang's state-of-the-art technology. It's just one more way Wang is helping to make your world more productive today. In addition to the toll-free "800" telephone numbers listed below, you will find an additional listing of our customer support services on the inside back cover of this catalog.

*Use these toll-free listings for a quick response to your specific support needs.*

### **800 TELEPHONE NUMBERS**

#### **Customer Marketing**

Customer Marketing offers new catalogs to Wang customers as a simple, direct way to order workstations, printers, disk drives, hardware accessories, and software packages. Product catalogs are now available for the Office Information Systems and VS Systems. For further information, please contact:

Customer Marketing  
Wang Laboratories, Inc.  
One Industrial Avenue  
Lowell, Massachusetts 01851

**800-225-0978 or (617) 453-7069**

#### **Supplies Division**

Organized for customer convenience, the Wang Supplies Division saves you considerable time and effort. You can purchase ribbons, print wheels, diskettes, and training materials by simply calling the Supplies Division. The entire line of supplies is detailed in the Supplies Catalog and available upon request.

As a single source for your supplies, the Wang Supplies Division provides you with easy, "one-stop" shopping. Two discount arrangements - the Annual Supplies Agreement and the Large Single Order Discount Schedule - are available for additional savings on your supply orders. For further information telephone:

**800-225-0234**

#### **Technical Writing**

Technical writing provides you with a full range of training manuals, data sheets, updates, and reference materials that help you make maximum use of each of our products. As a Wang customer, you can be assured that these materials will meet all of your individual and organizational needs.

**Help us to help you!** We would like to hear from you about our documentation, support and training materials. What documentation needs do you have? What do you like or dislike about our manuals? How can we improve our publications? Please return our comment form at the end of the catalog, or call the Needs Analysis Group of Information Resources for assistance, Charlie Peers, Susan Garrett, Kay Ben-Aroch or Bill Downey at:

**(617) 459-5000**

**WANG CUSTOMER RESOURCE CATALOG**  
**Documentation and Training**

**WANG**

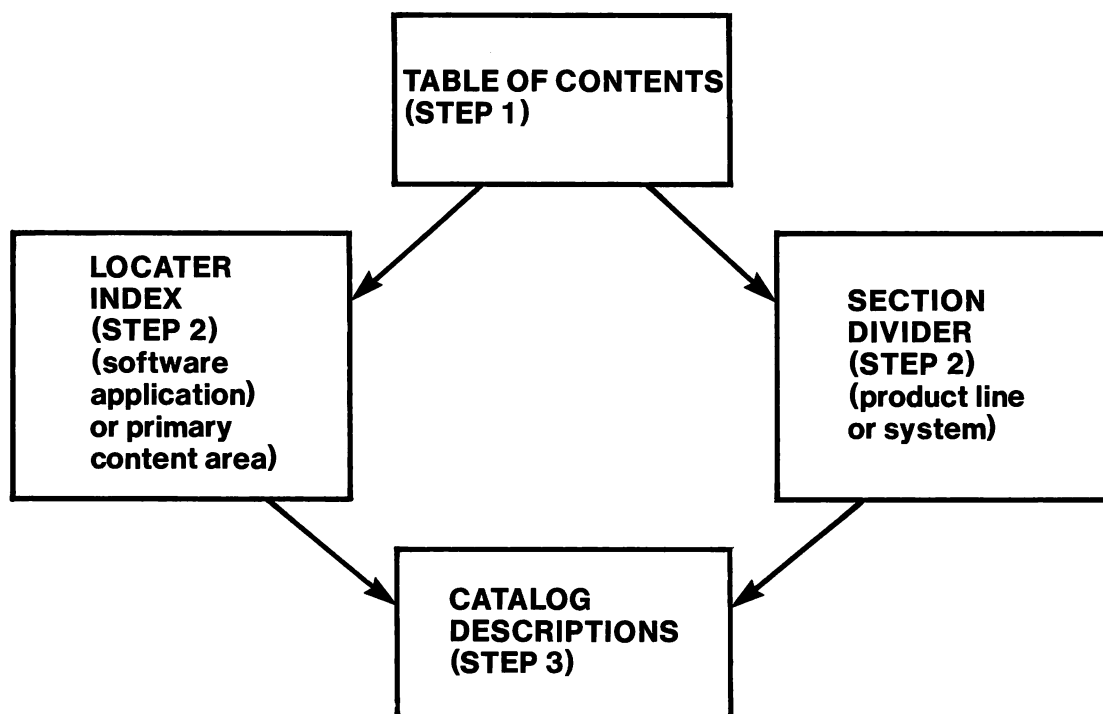
**LABORATORIES, INC.**

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One Industrial Avenue, Lowell, Massachusetts 01851, Tel. (617) 459-5000 TWX 720 343-6769, TELEX 94-7421

## HOW TO USE THIS CATALOG

This catalog is designed to help you find the **specific** information you need and is an easy to use reference guide. The following chart provides you with a model of how to use this catalog.



- STEP 1** First check the Table of Contents for the categories listed in the catalog.
- STEP 2** Next, check the Locator Index if you would like general information about the documents and courses described in the catalog.
- or
- STEP 2** To check by product line or system, turn to the divider page for the appropriate section as listed in the Table of Contents.
- STEP 3** Both the Locator Index and the Section Dividers **refer you to the page in the Catalog Description** section where the document or course is described.

This catalog also includes:

- **Order information**, with prepaid postage tip-in cards
- **A Document and Course Guide**, with a listing of types of publications and general information about them
- A listing of **Wang Education Centers** for additional information about courses and training opportunities
- Information about **additional customer services**
- Customer **comment form** for your thoughts
- A **numerical index** and an **alphabetical index**



## TABLE OF CONTENTS

HOW TO USE THIS CATALOG .....	2
PUBLICATIONS NUMBERING SYSTEM .....	4
DOCUMENTATION ORDERING INFORMATION .....	5
COURSE REGISTRATION INFORMATION .....	5
LOCATER INDEX .....	6
DOCUMENT AND COURSE GUIDE GUIDE .....	15
CATALOG DESCRIPTIONS .....	19
OFFICE SYSTEMS .....	19
Data Sheets .....	43
COMPUTER SYSTEMS .....	45
2200 .....	47
Professional Computers .....	58
VS .....	60
VS/IIS .....	69
Data Sheets .....	70
APPLICATION SOFTWARE .....	73
Data Sheets .....	81
NETWORKING/COMMUNICATIONS .....	83
Voice Products .....	85
MAILWAY .....	86
WangNet/Remote WangNet .....	89
Other Telecommunications Products .....	91
Data Sheets .....	97
NUMERICAL INDEX .....	98
ALPHABETICAL INDEX .....	111
COMMENT FORM .....	125
ADDITIONAL CUSTOMER SERVICES .....	INSIDE BACK COVER
WANG EDUCATION CENTERS .....	BACK COVER

## PUBLICATIONS NUMBERING SYSTEM

Each publication is identified by a document number, found on both the title page and back cover. The numbering code and format is as follows:

800-	1234XY-01	.01
777-	1234A	.01
700-	1234A	.01
<b>Category Number</b>	<b>Document ID Number</b>	<b>Errata Sheet/Addendum Number</b>

Category Number

800 indicates a VS document  
777 indicates a training document  
700 indicates other documents

Document ID Number

For 800 documents, the four digits and two letters identify the specific document. The "-01" identifies the edition.

For 700 and 777 documents, the four digits identify the specific document. The letter does not appear on the first edition, but identifies all subsequent editions.

Errata Sheet/  
Addendum Number

This series of numbers identify an addendum or errata sheet that accompanies the original document or subsequent edition.

## **DOCUMENTATION ORDERING INFORMATION**

To order any document listed in this catalog, please use the enclosed order cards. Include the title, the document number, the number of copies, the purchase order number, and where applicable, the price. (Please note that prices are subject to change without notice.)

**CUSTOMERS** may order by

Mail: Order Entry Department  
Information Resources  
51 Middlesex Street  
North Chelmsford, Massachusetts 01863

Telephone: 800-225-0234, extensions 329 - 342 (out of state)  
(617) 256-1400, extensions 329 - 342 (within Massachusetts)

***PLEASE ORDER TRAINING BOOKS (777- numbers) DIRECTLY FROM SUPPLIES DIVISION.***

**FIELD & HOME OFFICE PERSONNEL** may order from:

Order Entry Department  
Information Resources  
51 Middlesex Street  
North Chelmsford, Massachusetts 01863

***AN INTERNATIONAL EDITION OF THIS CATALOG IS AVAILABLE***

Please Note: If you order a document that has been revised, or has an addendum, the revision or the addendum will automatically be sent.

## **COURSE REGISTRATION INFORMATION**

For an **up-to-date listing of specific courses, schedules, and prices**, please contact your nearest Education Center. A list of the Wang Education Centers will be found on the back cover.

## LOCATER INDEX

The **Locater Index** contains the basic information on each listing found in the **Description** section. Because many of the documents and courses are applicable to more than one product line or system, the Locater Index is arranged in two versions: alphabetically by software or content area, and again on the divider pages by product or system group.

For example, to find documents or courses which provide information about software applications or programs such as COBOL or Payroll Application, check the Locater Index for COBOL or Payroll. Here, you will also find information which cross-references you to the system, type of document, and specific page number where a more in-depth description will be found.

The Columns in the Locater Index contain the following information:

- The **product line or software application**, and if it is used on **more than one system** (cross-reference).
- **Special codes** that designate availability in foreign languages, of new offerings, or revisions of previous documents.
- A **page number** for a description of the document or course.
- The **document number and price**.

## CODES AND ABBREVIATIONS USED IN THE CATALOG

<b>*</b>	<b>New publication in 1982</b>
<b>+</b>	<b>Revised edition</b>
<b>#</b>	<b>Price available upon request</b>
<b>AI</b>	<b>Alliance</b>
<b>DVX</b>	<b>Digital Voice Exchange</b>
<b>F</b>	<b>French edition</b>
<b>G</b>	<b>German edition</b>
<b>IIS</b>	<b>Integrated Information Systems</b>
<b>OIS</b>	<b>Office Information Systems</b>
<b>PC</b>	<b>Professional Computer</b>
<b>Photo</b>	<b>Photocomposition</b>
<b>PRE</b>	<b>Pre-Installation</b>
<b>TC</b>	<b>Other Telecommunications Products</b>
<b>VS</b>	<b>VS Systems</b>
<b>WPS</b>	<b>Word Processing System</b>
<b>WW</b>	<b>Wangwriter</b>

# LOCATER INDEX

## LOCATER INDEX

SOFTWARE APPLICATION OR SUBJECT	SYSTEM, PRODUCT OR MODEL	CODE	DESCRIPTION	PAGE	NUMBER	PRICE
2200VP	2200VP		Introductory Manual	53	700-4082A	5.00
2200MVP	2200MVP		Introductory Manual	52	700-4693D	10.00
2200MVP/LVP (Sharing Resources)	2200MVP/LVP		Course	52	MVP50	#
2200SVP	2200SVP		Introductory Manual	53	700-6163	15.00
Accounts Payable/Gen. Ledger	2200 GBS Release 2		System Manual	75	700-6203A	10.00
Administrative Functions	VS		Course	60	VS10	#
Advanced Functions	OIS, AI		Quick Reference	28	700-6898	3.00
Advanced Functions	AI	*	Reference Guide	21	700-7141	#
Advanced Functions	OIS		Training Workbook	30	700-7018	30.00
Advanced Functions	VS/IIS	*	Reference Guide	69	800-1122AR-01	#
Alliance Customer	AI	*	Registration Card	22	700-7118	n/c
Alliance Facts and Features	AI	*	Brochure	22	700-6959	#
Alliance Office System	AI	*	Summary Card	24	700-7144	#
Alliance System	AI	*	Course	23	AL10	#
Alliance System	AI	*	Administrator's Guide	23	700-6897	#
Alliance User	AI	*	Summary Card	24	700-6965	#
Alliance WISE	AI	*	Administrator's Guide	95	700-7186	#
Analysis of Covariance	2200		User Manual	75	700-4626	10.00
Analysis of Variance (ANOVA)	2200		Operator's Guide	75	700-3867C	25.00
Applications Design	VS		Course	60	VS40	#
Assembler Language	VS		Pocket Guide	61	800-6203AP-02	3.00
Assembler Language	VS	*	Reference	61	800-1200AS-03	10.00
Async/Sync Modem	TC, 2200	*	User Manual	68	700-6975	5.00
Async Communications	TC, 2200	*	User Guide	91	700-7121	5.00
Async Communications	TC, 2200	*	User Guide	91	700-7122	5.00
Async Communications	TC, VS	*	Programmer's Guide	94	800-1325AI-01	10.00
ATMSWPS Conversion	OIS, VS WPS, VS/IIS	*	Conversion Guide	61	800-1499TU-01	15.00
Audio Workstation	AI, OIS	*	Component Card	81	700-7587	#
BASIC	2200T, CPUs		Disk Reference	47	700-1309J	25.00
BASIC	2200		Beginner's	51	700-3231G	15.00
BASIC	OIS		Introduction	31	700-5721B	10.00
BASIC	VS		Quick Reference	62	800-6205BQ-01	10.00
BASIC	PC	*	Language Guide	58	700-7592	#
BASIC	PC	*	Reference	58	700-7594	#
BASIC	OIS		Language Reference	31	700-5750B(.03)	25.00
BASIC	AI	*	Reference Manual	21	700-6962	25.00
BASIC, Implementation	OIS		Course	30	OISOB	#
BASIC, Introduction to Program.	OIS		Course	29	OIS 5 B	#
BASIC, I/O Statements	2200T		Reference	49	700-3514F	10.00
BASIC, Language	VS	*	Language Reference	62	800-1202BA-04	10.00
BASIC, Matrix	2200		Reference	51	700-3332E	10.00
BASIC, Programming	VS		Course	60	VS30B	#
BASIC, Programming	2200		Course	51	VP30	#
BASIC, System Support	AI	*	System Support Manual	21	700-6963	#
BASIC, System Support 5	OIS		System Support Manual	31	700-5961B(.01)	5.00

# LOCATER INDEX

## LOCATER INDEX

SOFTWARE APPLICATION OR SUBJECT	SYSTEM, PRODUCT OR MODEL	CODE	DESCRIPTION	PAGE	NUMBER	PRICE
BASIC-2	2200VP/MVP		Disk Reference	47	700-4081G	25.00
BASIC-2, Error Codes	2200	*	Pocket Guide	47	700-7170	3.00
BASIC-2, ISS	2200		User Manual	50	700-5010A	25.00
BASIC-2, Language	2200		Language Reference	47	700-4080D	25.00
BASIC-2, Language	2200/VP/MVP/SVP		Pocket Guide	47	700-5992	3.00
BASIC-2, Multiuser System (Release 2.4)	2200SVP/LVP MVP/MVPC	*	Software Bulletin	48	700-7643	#
BASIC-2, Utilities	2200		Reference	48	700-6856	15.00
BASIC-3	2200	*	User Manual	48	700-6868	#
BASIC-3/COBOL	2200	*	Operations Guide	48	700-6870	#
Batch Communication	TC, AI	*	User Guide	95	700-7149	#
Batch Communication	TC, VS		User Guide	94	800-1305BC-01	10.00
Bidirectional Forms	OIS, WPS, Alliance		Summary Card	25	700-6153	n/c
Bill of Material System	GBS Release 2, 2200		System Manual	75	700-6508	10.00
Binary Synchronous	TC, 2200		User Guide	92	700-7123	10.00
Bioassay/Probit Anal.	2200		User Manual	75	700-4602A	10.00
Buffered Async	TC, 2200 (MIs 2227B		User Manual	92	700-4114C	10.00
Communication Controller	Option 62) COBOL 2200					
COBOL	2200		Language Reference	48	700-6869	25.00
COBOL	VS	*	Complete Reference	63	800-1201CB-05	30.00
COBOL	VS		Conversion Guide	62	800-1204CC-02	10.00
COBOL	VS	*	Quick Reference	62	800-6200CP-04	3.00
COBOL	VS	*	Course	63	VS28C	#
COBOL, Program Devel.	VS		Course	61	VS30C	#
Coding Form	2200		Coding Form	48	700-6817	n/c
Concepts & Interactive	VS		Introduction	65	800-1101PI-05	10.00
CP/M	AI		Administrator's Guide	22	700-7609	
CP/M	AI	*	User Guide	22	700-7610	#
CP/MCP/M	AI, OIS, WW		Primer	25	700-7046	#
CP/M	OIS, AI, WW		Reference	26	700-7019A	5.00
CP/M 2.2	WW		Summary Card	36	700-6958	2.00
Column Edit	OIS, WPS		User Manual	25	700-5104C	5.00
Communications	PC	*	Communications Guide	59	700-7558	#
Configuration Sheet	OIS 105			34	700-6168A	#
Configuration Sheet	OIS 105	F		34	700-6590A	#
Configuration Sheet	OIS 115			34	700-6167A	n/c
Configuration Sheet	OIS 125A			34	700-6166A	n/c
Configuration Sheet	OIS 130A			34	700-6165A	n/c
Configuration Sheet	OIS 140			35	700-4841E	n/c
Configuration Sheet	OIS 145			35	700-5264B	n/c
Data Files	2200VP			52	VP40	#
DATAMERGE	2200	*	User Manual	49	700-6881A	10.00

# LOCATER INDEX

## LOCATER INDEX

SOFTWARE APPLICATION OR SUBJECT	SYSTEM, PRODUCT OR MODEL	CODE	DESCRIPTION	PAGE	NUMBER	PRICE
Decision Processing	AI		Learning Guide	22	777-4007	15.00
Decision Processing	OIS, WPS, VS/IIS		Learning Guide	29	700-4614C	15.00
Digital Drum Plotter	2272-2		User Manual	56	700-3869C	10.00
Disk Drive	2260BC/2260C		User Manual	55	700-5102A	5.00
Disk Drive	2280/2280N		User Manual	56	700-5216A	5.00
Disk Drive	OIS, Model 6560, WPS		Summary Card	39	700-5271A	n/c
Disk Drive	OIS, Model 6580, AI		Summary Card	40	700-5272A	n/c
Disk Drive (275MB)	OIS, Model 6565, AI		Summary Card	39	700-6849	n/c
Diskette Compatibility	TC, 2200		User Manual	49	700-4369C	5.00
Diskette Drive	2270		User Manual	56	700-5107	10.00
DVX	DVX	*	Course	86	DVX	#
DVX	DVX		Admin. Manual	85	700-6971	#
DVX	DVX		Summary Card	85	700-7101	1.00
Emulation (3270)	TC, OIS	*	User Guide	95	700-6980	#
Emulation (3271)	TC, 2200		User Guide	92	700-6978	5.00
Emulation (3271)	TC, 2200	*	User Guide	93	700-6979	#
Emulation (3271)	TC, VS	*	User Guide	94	800-1306EM-02	#
Emulation (3780)	TC, 2200	*	User Guide	93	700-7075	#
Emulation (SNA 3274 & 3777)	TC, VS	*	General Description	94	800-1326SE-01	#
Emulator, BSC (3270)	TC, AI	*	User Guide	95	700-7557	#
Emulator, BSC (3275)	TC, 2200		User Manual	93	700-4826B	5.00
Envelope Feeder	2200, Model 2281W		User Manual	49	700-6833	5.00
Envelope Feeder	OIS, WPS, AI		User Manual	26	700-6252	5.00
Ergonomic Workstations	5700, 5800, 5900	*	Summary Card	39	700-7048	n/c
	VS/IIS, AI					
EZQUERY	VS	*	Reference	63	800-1129EQ-01	#
File Management Utilities	VS		Util. Reference	63	800-1308FM-01	25.00
Filing	AI	*	Reference	22	700-7608	#
Finance/Utilities/Games	GLBR 22B, 2200 series		Program Library	77	700-3119D	25.00
Format Modification	OIS		User Manual	31	700-6278	10.00
Forms Feeder	OIS		Summary Card	27	700-5255B	n/c
FORTTRAN	VS		Reference	63	800-1208FR-01	15.00
GBS Release 2	2200 series		Introduction	78	700-6822	10.00
GBS Release Reports 2 Sample	GBS Release 2, 2200		Reports Manual	75	700-6554	10.00
GBS/MVP	2200		System Manual	76	700-5926	25.00
GBS/MVP MODs I-IV	GBS Release 2, 2200		Technical Guide	76	700-5022B	5.00
GBS/MVP MOD III	GBS/MVP, 2200		User Manual	76	700-5701	25.00
Glossary	OIS, AI	*	Training Workbook	23	700-4006A	30.00
Glossary	OIS, VS/IIS, WPS		Quick Reference	27	700-7194	1.00
Glossary	WW	*	Training Workbook	37	777-6597B	35.00
Glossary	OIS, WPS, VS/IIS		Training Workbook	29	700-6983	30.00
Graphic CRT Plotter	2282		User Manual	57	700-4627A	10.00
Graphic Utility System	2200		Operating Instructions	49	700-4335C	10.00
Graphics, Office	OIS, VS/IIS, VS	*	Primer	35	777-4003	15.00
I/O Interface Cont.	2200, 2207A		User Manual	53	700-3364C	10.00
I/O Interface Cont.	2200, 2250/Option		User Manual	55	700-3156B	10.00
IDEAS	2200	*	Course	49	IDEAS 2	#
IDEAS	2200		Familiarization Guide	50	700-5939A	10.00
IDEAS	2200		User Manual	50	700-5778B	15.00
Interactive Terminal	2200, 2236DE		User Manual	54	700-5711B	10.00

# LOCATER INDEX

## LOCATER INDEX

SOFTWARE APPLICATION OR SUBJECT	SYSTEM, PRODUCT OR MODEL	CODE	DESCRIPTION	PAGE	NUMBER	PRICE
Interactive Terminal	2336DW	*	User Manual	55	700-7636	#
Introduction	2200LVP	*	Introductory Manual	52	700-6164A	15.00
ISS Release 2	2200		Reference Card	50	700-3872A	n/c
ISS Release 5	2200		Reference Card	50	700-5560A	n/c
ISS Release 3.2	2200		User Manual	50	700-4254B	25.00
Interface	2200, 2254 IEEE-488		User Manual	55	700-4136A	5.00
Internal Sales Reporting			User Manual	78	700-4836A	5.00
Inventory Management	VS		Introduction	78	700-6555	20.00
Invoicing, Accts.,	GBS/MVP, 2200		User Manual	76	700-5772A	25.00
Order Entry, Inventory Control						
KEYENTRY	VS		Operator's Guide	64	800-1113KO-01	15.00
KEYENTRY	VS		Supervisor's Guide	64	800-1114KS-01	15.00
List Processing	OIS	*	Procedures Guide	32	700-7034	15.00
List Processing	OIS	*	Training Workbook	30	700-6974	30.00
List Processing	OIS	*	Quick Reference	31	700-7033	5.00
MAILWAY	OIS, VS, WPS, 2200	*	Reference Manual	89	700-7110	#
MAILWAY	VS	+	Administrator's Manual	88	700-7003.01	20.00
MAILWAY	VS	*	Administrator's Manual	88	700-7099	15.00
MAILWAY	OIS, VS, WPS, 2200	+	Implementation Guide	89	700-7119	#
MAILWAY	OIS	*	User Manual	86	700-6892	15.00
MAILWAY	WPS	*	User Manual	87	700-6976	15.00
MAILWAY	OIS	+	User Manual	87	700-7012A	15.00
MAILWAY	OIS	+	User Manual	87	700-6516A	15.00
MAILWAY	WPS	*	User Manual	87	700-6276A.(01)	10.00
MAILWAY	VS	+	User Manual	88	700-6843A	10.00
MAILWAY	VS	+	User Manual	88	700-6844A	15.00
MAILWAY	Portable Workstation	*	User Manual	88	700-7100	#
MAILWAY	MAILWAY	*	Capabilities Guide (2.1)	86	700-5979A	#
MAILWAY	VS		Course	86	VS14	#
Mag Card	OIS MCR-1		User Manual	32	700-6569	10.00
Mag Card Reader	MCR-1/WPS		User Manual	28	700-5189	5.00
Magnetic Tape Drive	OIS, Model 6509A		Summary Card	39	700-6999	n/c
Magnetic Tape Drive	OIS, Model 6509A	*	User Manual	39	700-6998	n/c
Mailbox	OIS		User Manual	32	700-6583	5.00
Management Statistics System (MSS)	OIS		User Manual	32	700-6556	10.00
Math General Program	GLBR 22, 2200		Program Library	77	700-3118E	25.00
Math Support			User Manual	30	700-4671E	5.00
Math Support			User Manual	29	700-4732D	5.00
Math Support	AI	*	Reference	23	700-7152	#
Math Support	OIS, WPS, VS/IIS		Student Handbook	30	700-7013	30.00
Math Support	OIS, WPS, VS/IIS		Training Package	29	700-7014	30.00
Minidiskette	OIS		Summary Card	32	700-6875	n/c



# LOCATER INDEX

## LOCATER INDEX

SOFTWARE APPLICATION OR SUBJECT	SYSTEM, PRODUCT OR MODEL	CODE	DESCRIPTION	PAGE	NUMBER	PRICE
Multiplan	PC	*	Training & Ref. Guides	59	700-7600	#
Multiple Comparison Tests			User Manual	79	700-4460A	10.00
Networks, Computer	TC	*	Primer	89	777-4004	15.00
Network/Config./Oper. Guide	VS/OIS	*	User Guide	90	800-1317RO-01	15.00
Network/File Trans./ Remote Logon	Remote WangNet, VS/OIS	*	User Guide	90	800-1316RU-01	10.00
Nine-Track Tape Drive	2200, 2209A	*	User Manual	53	700-4358B	10.00
Nine-Track Tape Utilities	2200, 2209A		Operating Instructions	54	700-4325A	10.00
Notebook	AI	*	Administrator's Guide	23	700-7159	#
Notebook	AI	*	Reference Guide	23	700-7147	#
Office Graphics	OIS, VS		Primer	35	777-4003	15.00
Office Systems	OIS		Overview Manual	33	700-7009	15.00
Office Systems	OIS, WW, VS/IIS, WPS		Introduction	28	700-6944	10.00
Office Systems	WPS		Systems Guide	29	700-5043A	85.00
Operating Procedures	OIS		Summary Card	34	700-6269	n/c
Operating System Services	VS		Reference	64	800-1107OS-03	20.00
Operating System Services	VS		Pocket Guide	64	800-6204OP-02	3.00
Optical Character (OCR)	OIS, WPS		User Manual	35	700-4712A	5.00
Payroll	VS	*	Introduction	78	700-1451IH-02	n/c
Payroll	VS (HRMS)		User Manual	77	P2A-116	40.00
Payroll I	VS (HRMS)		Administrator's Manual	79	800-1488HY-01	20.00
Payroll I	VS (HRMS)		User Manual	79	800-1452HU-01	20.00
Payroll Master File			Input Forms	79	700-4745A	10.00
Payroll System	GBS/MVP, 2200	*	Reference	76	700-5927A	25.00
Payroll System	GBS Release 2, 2200		User Manual	76	700-5759A	25.00
Payroll/Personnel	VS (HRMS)	PRE	Installation Guide	77	PPA-018	n/c
Pension	VS (HRMS)		Introduction	78	800-1450IH-01	n/c
Pension	VS (HRMS)		User Manual	77	PEN-052	20.00
Personnel	VS (HRMS)		Introduction	78	800-1453HI-01	n/c
Personnel	VS (HRMS)		User Manual	77	PER-054	20.00
Photocomposition	OIS, Photo	*	10 Application Notes	41	700-6941	5.00
Photocomposition/5548z Typesetter	OIS		Course	41	PC16	#
Photocomposition/Glossary	OIS, Photo		Glossary of Terms	41	700-5098	3.00
PL/I Language	VS	*	Reference	64	800-1209PL-02	25.00
Planning and Resource	OIS		Guide	31	700-6713A	#
Planning and Resource	VS		Guide	63	700-6727	#
Plotter Demo	2202, 2212, 2232, 2272		Operating Instructions	51	700-4094	5.00
Plotter Utilities	2200		Operator's Guide	51	700-3838D	10.00
Printer	WW		Summary Card	41	700-6828	2.00
Printer, Band	OIS, Model 5574, WPS		User Manual	39	700-6878A	10.00
Printer, Band	2273		User Manual	56	700-5726A	10.00
Printer, Bidirectional Matrix	OIS, Model 5533/5535 WPS		User Manual	38	700-6594A	10.00
Printer, Daisy	OIS, Model 5541W,WP		User Manual	38	700-4790D	5.00
Printer, Daisy	OIS, Model 6581W, VS/IIS, WPS, AI		User Manual	40	700-5176B	10.00
Printer, Daisy	OIS, Model 6581W, AI, WPS, VS/IIS		Summary Card	40	700-5257B	n/c
Printer, Daisy	Model 7581WT, 7581WCT		Summary Card	41	700-6601	n/c
Printer, Daisy, Wide Carriage	Model 5541WC, WP System 5, Model III			38	700-4789E	5.00
Printer, Daisy/Ribbon Cartridge & Print Wheel	Daisy Printer 5541 WPS		Instructions	35	700-5213	#
Printer, Line	2233		User Manual	54	700-6854	10.00

# LOCATER INDEX

## LOCATER INDEX

SOFTWARE APPLICATION OR SUBJECT	SYSTEM, PRODUCT OR MODEL	CODE	DESCRIPTION	PAGE	NUMBER	PRICE
Printer, Line	2235		User Manual	54	700-6816A	10.00
Printer, Line	2263	*	User Manual	56	700-4251B	10.00
Printer, Matrix	2231W-3/2200		User Manual	54	700-4457A	10.00
Printer, Matrix	2231W-6/2200		User Manual	54	700-5040	10.00
Printer, Matrix	2245/2200	*	User Manual	55	700-6866B	10.00
Printer/Matrix, High Dens	OIS 5577, WPS, AI		General Information	28	700-7125(01)	15.00
Printer/Plotter	2281W		User Manual	56	700-5744B	10.00
Printer/Plotter	2281WC	*	User Manual	57	700-6255	10.00
Printer, Twin-Head Daisy	OIS, Model 5581WD, AI		User Manual	39	700-5588B	5.00
Printer, Wide Carriage	OIS Model 6581WC, VS/IIS, AI, WPS	*	User Manual	40	700-5138E	5.00
Procedure Language	VS		Language Reference	65	800-1205PR-04	10.00
Procedure Language	VS	*	Quick Reference	65	800-6201PP-03	1.00
Professional Computer	PC	*	Documentation Guide	58	700-7589	#
Professional Computer	PC	*	Introductory Guide	58	700-7590	#
Program Development	PC	*	Program Devel. Guide	58	700-7593	#
Program Development Tools	VS		Reference	65	800-1307PT-02	#
Programmer's Introduction	VS		Course	65	VS25	#
Programming	VS/IIS	*	Programmer's Guide	69	800-1304PW-04	#
PROMIS			Demonstration Guide	79	700-6160	n/c
Proportional Space	OIS		Summary Card	33	700-6876	n/c
Punched Card Reader	VS		Utility Reference	62	800-1323CU-01	10.00
RadiolmmunoAssay Data (RIADS)			Operator's Manual	79	700-4231B	10.00
Readability Index	OIS		User Manual	33	700-6831B	5.00
Registration Cards	AI, WW		Card	37	700-6567A	n/c
Regression Analysis	2200		User Manual	79	700-3859C	25.00
Remote Control/Maintenance	TC, 2200		User Manual	92	700-6848	10.00
Remote WangNet	Remote WangNet	*	Config./Oper. Guide	90	800-1317RO-01	#
Remote WangNet	Remote WangNet	*	Pre-Install. Guide	90	700-7655	#
Retail Business System			Demonstration Guide	80	700-5587	#
RPG II Conversion	VS	*	Conversion Guide	66	800-1206RC-04	n/c
RPG II Language	VS	*	Language Reference	66	800-1203RP-05	15.00
RPG II Program Development	VS		Course	61	VS30R	#
RPL	2200			52	700-3766C	20.00
Sequential Analysis			User Manual (Diskette)	80	700-3666C	15.00
Site Planning	OIS, WPS, VS, 2200	*	Guide	26	700-5978C	10.00
SMART CLOCK	2200		Utilities Manual	49	700-6553	10.00
Software Bulletin	VS Release 5.3	*	Bulletin	66	800-3109	n/c
Software Catalog	2200		Catalog	53	700-6517	n/c
Software License	WW	*	Agreement	37	700-7628	n/c
Software Registration	WW	*	Card	37	700-6567A	n/c
Sort Option	OIS, WPS, VS/IIS		User Manual	35	700-4672D	3.00
Spell	AI	*	Reference Guide	23	700-7072	#
Spelling Verifier/Dictionary	OIS		User Guide	33	700-6888	10.00
Statistics/Engineering	2200 series, GLBR 22A		Program Library	77	700-3120E	25.00
Super Global Replace	OIS		User Manual	33	700-6298	5.00
Supervisor Procedures	OIS	+	Procedures Manual	33	700-5562C	15.00
Supervisory Functions	OIS	+	Quick Reference	34	700-5741C	5.00
Sync/Async	TC, 2200 (MIs 2228B/ 2228C Option 62B		User Manual	92	700-4670A	10.00
Communication Controller SYSGEN	VS	*	Procedures	66	800-8201SP-05	n/c

**LOCATER INDEX**

<b>SOFTWARE APPLICATION OR SUBJECT</b>	<b>SYSTEM, PRODUCT OR MODEL</b>	<b>CODE</b>	<b>DESCRIPTION</b>	<b>PAGE</b>	<b>NUMBER</b>	<b>PRICE</b>
System Administrator	OIS	*	Course Materials	34	700-6643A	50.00
System Security	OIS	*	User Manual	34	700-6865A	10.00
System Security Option	WPS, 20,25,30, 7500T		User Manual	35	700-4673E	5.00
TC Support Utilities	TC, 2200		User Manual	92	700-4086	10.00
Telecommunications	TC, OIS		User Manual	96	700-6982	#
Telecommunications, Fundamentals	TC		Course	96	TC10	
Teletypewriter Emulation (TTY)	TC, VS	*	User Guide	94	800-1314TU-02	10.00
Teletypewriter Emulation (TTY)	TC, 2200	*	User Guide	93	700-7553	#
Text Editing Utilities	2200 series		User Manual	80	700-4043D	20.00
Time Management	AI	*	Administrator's Guide	24	700-7627	#
Time Management	AI	*	Reference Guide	24	700-7626	#
Time Management	AI	*	Summary Card	24	700-7144	#
Total	VS	*	Pocket Guide	67	800-6207	#
Total	VS	*	Course	67	DB10	#
Total	VS	*	Reference	67	800-1123TR.01	25.00
Twin Sheet Feeder	OIS, VS/IIS, AI, WPS		Procedures Summary	35	700-5268C	n/c
Twin Sheet Feeder	OIS, WPS, VS/IIS, AI		User Manual	36	700-4664D	5.00
Twin Sheet Feeder System 5	OIS System 5, WPS		Overview	36	700-5147C	n/c
Typesetter	VS/IIS, 5548Z		Operating Instructions	69	800-1501TO-01	5.00
Typesetter 5548z	OIS, Typesetter 5548z	*	Reference Manual	42	700-5945B	10.00
	Photo					
Typesetter 5548z Command Structures & Error Messages	OIS, Typesetter 5548z		List of Commands	42	700-5947B	#
	Photo					
Typesetter 5548z 8-Level Character Set	OIS, Typesetter 5548z		User Manual	42	700-6502A	20.00
	Photo					
Typesetter, 5548z/Photocomp.	OIS		Course	41	PC16	#
USERSUBS	VS	*	Reference	68	800-1315US-01	#
Utilities	VS	*	Utilities Reference	67	800-1303UT-03	25.00
ISS Utilities	2200		User Manual	50	700-3657D	25.00
Utilities, (ICS)	TC, 2200	*	User Guide	92	700-7102	#
Visual Memory	AI	*	Administrator's Guide	24	700-7143	#
Visual Memory	AI	*	Learning Guide	24	700-6896	#
Voice Communications	Audio	*	Primer	85	700-6985A	15.00 p.85
Voice Document	AI	*	Administrator's Guide	24	700-7576	#
Voice Document	AI	*	Author Guide	85	700-6989	#
Voice Transcription	AI	*	Transcription Guide	25	700-6988	#
VS System	VS		Machine instructions	64	800-1100PO-04	25.00
VS System	VS		Management Guide	66	800-1104SM-03	5.00
VS System	VS		Operation Guide	67	800-1102SO-06	10.00
VS-100	VS-100		Technical Notes	67	800-3102-01	n/c
Wanglaw	OIS		Pocket Guide	80	700-6501	3.00
Wanglaw	OIS		User Manual	81	700-6244	20.00
Wanglaw Forms	OIS		Package of Forms	80	700-6946	5.00
Wanglaw Management	OIS		Attorneys	80	700-6552A	25.00
Wanglaw Sample Reports	OIS			80	700-6233A	5.00
WangNet	WangNet	*	Technical Description	90	700-7173	#
WangNet	WangNet	*	Pre-Installation Guide	90	700-7116A	#
WangNet	WangNet		User Guide	90	800-1316RU-01	10.00

# LOCATER INDEX

## LOCATER INDEX

SOFTWARE APPLICATION OR SUBJECT	SYSTEM, PRODUCT OR MODEL	CODE	DESCRIPTION	PAGE	NUMBER	PRICE
WangNet, Cable Kit	WangNet	*	Installation Guide	90	700-7644	#
WangNet, Data Switch	WangNet	*	User Guide	89	700-7180	#
WangNet, FAM96232 Modem	WangNet	*	User Guide	89	700-7181	#
WangNet, FFM64449 Modem	WangNet	*	User Guide	89	700-7725	#
WangNet, FFM96232 Modem	WangNet	*	User Guide	90	700-7168	#
Wangwriter	WW	*	Installation Guide	37	700-6936	#
Wangwriter	WW	PRE	Seminar Kit	37	750-0003A	#
Wangwriter	WW	*	Reference	36	700-6574B	20.00
Wangwriter	WW	*	Training Workbook	36	777-6282C	50.00
Wangwriter Documentation	WW		Guide	36	700-6595B	n/c
Wangwriter, "Do Not Disturb"	WW		Letter	36	700-7001	n/c
WISE	AI	*	User Guide	25	700-6867	#
Word Processing	OIS, WPS, VS/IIS, AI	F, G	Introduction	28	700-6566	2.00
Word Processing	VS, VS/IIS		Introduction	68	800-1407IW-02	3.00
Word Processing	AI	*	Learning Guide	25	700-7157	#
Word Processing	VS/IIS		Manual	69	800-1110WS-01	25.00
Word Processing	2200	*	Operator's Guide	53	700-6937A	25.00
Word Processing	2200	*	Programmer's Guide	51	700-6961	#
Word Processing	OIS	+	Quick Reference	32	700-5740C	5.00
Word Processing	2200		Supervisor's Manual	53	700-6864A	10.00
Word Processing	AI	*	Transition Guide	25	700-6970	#
Word Processing	PC	*	Training & Ref. Guides	59	700-7588	#
Word Processing	OIS, WPS, VS/IIS		Reference	26	700-7611	25.00
Word Processing	OIS, VS/IIS, WPS	*	Training Card	26	777-4015	5.00
Word Processing	OIS, VS/IIS, WPS	*	Training Guide	27	777-4010	35.00
Word Processing	OIS, VS/IIS, WPS	*	Training Package	26	777-4002	100.00
Word Processing	OIS, WPS	*	Reference Cards	26	777-4014	5.00
Word Processing Administrator	VS/WP		Course	60	VS12	#
Word Processing, Aux/Functions	OIS		User Manual	27	700-4642B	5.00
Word Processing, Chinese	OIS, WPS		User Manual	27	700-6841(.01)	25.00
Word Processing, Glossary	OIS, WPS, AI		Glossary	27	700-4417C	3.00
Word Processing System	Model 7525-3T		Configuration Sheet	40	700-6572A	n/c
Word Processing System	Model 7525-3T, 7530T		Summary Card	40	700-6818	n/c
Word Processing System	Model 7530T		Configuration Sheet	41	700-6570A	n/c
Word Processor	WPS System 20		Configuration Sheet	38	700-3913H	n/c
Word Processor	WPS System 25		Configuration Sheet	38	700-4685I	n/c
Word Processor	WPS System 30	*	Configuration Sheet	38	700-3914I	n/c
Word Processor	Model 7520T		Configuration Sheet	40	700-6571A	n/c
Word Processor	Model 7520T		Summary Card	40	700-6602	n/c
Word Processor, CDC Disks	WPS Systems 25/30		Summary Card	38	700-5269B	n/c
Word Processor, TC	TC, WPS, System 5		User Manual	96	700-5295B	10.00
Word Processor, TC	TC, WPS, Systems 20, 25, 30		User Manual	96	700-4686E	10.00
Word Processor	OIS/PIO, WPS, Photo		User Manual	41	700-5780B	10.00
Phototypesetter Input						
Word Processor/System 5	WPS System 5, Model III		Configuration Sheet	37	700-4720G	n/c
Word Processor/Systems, 5/20 Dual Diskette Drive	WPS System 5 and 20		Summary Card	37	700-5266A	n/c

## **DOCUMENT AND COURSE GUIDE**

The following list contains the types of documents or courses that are available for customers. They are arranged alphabetically according to a suggested phase of use during equipment installation and training.

### **PRODUCT ANNOUNCEMENT (PRE-SALES)**

- Application Sheet
- Configuration Sheet
- Data Sheet
- Executive Overview
- Primer

### **PRE-INSTALLATION**

- Documentation Guide
- Implementation Guide
- Programming Guide
- Site Preparation

### **INSTALLATION AND POST-INSTALLATION**

- Analyst/Programmer Guide
- Installation Guide
- Installation Seminar
- Language Reference Guide and Manual
- Lesson Plan
- Pocket Guide
- Procedure Guide or Manual (Operators, Users, or Reference)
- Procedures Summary
- Quick Reference Guide
- Reference Guide
- Self-Training Guide
- Software Application Guide or Manual
- Summary Card
- System Administrators Course
- System Administrators Guide
- Training Course
- Troubleshooting Guide

## **DOCUMENT AND COURSE GUIDE**

The following list specifies the types of documents and courses available; they are arranged alphabetically.

### **ADMINISTRATOR'S GUIDE**

Designed for the system administrator, this publication provides training recommendations, operating procedures, utilities, and supervisory functions.

### **APPLICATION SHEET**

This pre-sales document describes a software application. The features, functions, and specifications of the program are described.

### **BROCHURE**

This descriptive pamphlet is written for a particular system or product line. The product's purpose and the intended user are briefly described.

### **DATA SHEET**

This pre-sales document contains technical information and ordering specifications for a specific product or series of products.

### **DOCUMENTATION GUIDE**

This publication provides a guide to the available publications for one or more specific products.

### **INSTALLATION GUIDE**

This publication presents step-by-step instructions for installing new hardware or software.

### **INSTRUCTOR'S GUIDE** (also called MANUAL)

This publication contains instructions and materials required for the administration of an instructor-driven course.

### **INTRODUCTORY GUIDE**

This publication contains information about the hardware, software, and operational capabilities of a set of utility programs or a specific product line.

### **LEARNING GUIDE** (also called MANUAL or SELF-PACED WORKBOOK or TRAINING WORKBOOK)

This self-paced training book, designed for users, contains step-by-step instructions, illustrations, and notes on the use of a specific product or application.

### **MANUAL**

This generic term applies to reference guides, user guides, operating guides, training guides or workbooks, and learning guides. These documents provide a series of instructions or references specific to an operating system, a software application, or a product line.

### **OPERATIONAL TRAINING**

A term that refers to instructor-driven training with hands-on experience that is administered in local Wang Offices.

### **OPERATIONS GUIDE**

This publication contains step-by-step user instructions for the operation of a software function available on a system. It may also contain error messages and their meanings.

### **OVERVIEW**

This publication describes concepts integral to the operation of a system, and may also include a brief discussion of the system architecture.

### **PRE-INSTALLATION SEMINAR**

Pre-installation refers to seminars and training that are applicable prior to the installation of a system or a product. Seminars vary in content by product.

### **POCKET GUIDE**

This publication contains a summary of steps for the use of particular functions, a listing of menus, and the prompts and error messages generated by a system.

### **POST-INSTALLATION**

This term refers to seminars, publications, training, and consultation that are applicable once a system or product has been installed.

### **PRIMER**

This publication is designed as an introduction to the basic concepts of a product or of a specific type of technology.

### **PROCEDURES MANUAL**

This publication provides step-by-step guidelines for the use of particular functions.

### **PROCEDURES SUMMARY CARD**

This card contains a summary of specific procedures (e.g. printing, start-up) most often used by operators.

### **QUICK REFERENCE CARD**

This card is designed to aid a user in the daily operation of a system.

### **QUICK REFERENCE GUIDE**

This small guide for a system or software package is designed to be used frequently.

## **DOCUMENT AND COURSE GUIDE**

### **REFERENCE GUIDE** (also called MANUAL)

This publication is designed for operator or supervisor use after training has been completed. It contains technical information about a specific system, and the use and limitations of the functions available on that system.

### **SELF-PACED PACKAGE** (also called LEARNING GUIDE)

This training package allows learning at an individual pace. The publication contains illustrations, step-by-step instructions, and examples.

### **SELF-PACED WORKBOOK** (or TRAINING WORKBOOK)

This training workbook allows learning at an individual pace. It contains step-by-step exercises, illustrations or photographs, and suggestions for using the product. It may also contain review questions and/or supplementary exercises.

### **SKILLS BUILDING PACKAGE**

This package contains exercises to improve user skills in the operation of a specific system, and to help make the transition from training exercises to on-the-job tasks.

### **STUDENT HANDBOOK**

This publication provides an abbreviated version of course materials in the sequence of a particular course. It is used in class for exercises and reference.

### **SUPERVISOR'S GUIDE**

This publication provides the system supervisor with procedural aspects of functions necessary to manage the operation of a system.

### **TRAINING DISKETTE**

This pre-recorded diskette contains information to be used in conjunction with training workbooks and learning guides.

### **TRAINING GUIDE** (also called MANUAL)

This publication contains guidelines for the implementation of a training program.

### **USER GUIDE** (also called MANUAL)

This publication that provides operating instructions for systems or applications and may also contain information on maintenance.



**CATALOG DESCRIPTIONS**

**NOTES**

**OFFICE SYSTEMS**

**SOFTWARE APPLICATION  
PRODUCT**

<b>CODE</b>	<b>DESCRIPTION</b>	<b>PAGE</b>	<b>NUMBER</b>
	Quick Reference	28	700-6898
*	Reference Guide	21	700-7141
*	Registration Card	22	700-7118
*	Brochure	22	700-6959
*	Summary Card	24	700-7144
*	Course	23	AL10
*	Administrator's Guide	23	700-6897
*	Summary Card	24	700-6965
*	Administrator's Guide	95	700-7186
*	Component Card	81	700-7587
*	Reference Manual	21	700-6962
*	System Support Manual	21	700-6963
*	User Guide	95	700-7149
*	Administrator's Guide	22	700-7609
*	User Guide	22	700-7610
*	Primer	25	700-7046
	Reference	26	700-7019A
	Learning Guide	22	777-4007
	Summary Card	40	700-5272A
	Summary Card	39	700-6849
*	User Guide	95	700-7557
	User Manual	26	700-6252
*	Reference	22	700-7608
*	Training Workbook	23	777-4006A
*	Reference	23	700-7152
*	Administrator's Guide	23	700-7159
*	Reference Guide	23	700-7147
	Summary Card	40	700-5257B
	General Information	28	700-7125
	User Manual	39	700-5588B
	Card	37	700-6567A
*	Reference Guide	23	700-7072
*	Administrator's Guide	24	700-7627
*	Reference Guide	24	700-7626
*	Summary Card	24	700-7144
	User Manual	36	700-4664D
*	Administrator's Guide	24	700-7143
*	Learning Guide	24	700-6896
*	Administrator Guide	24	700-7576
*	Author Guide	85	700-6989
*	Transcription Guide	25	700-6988
*	User Guide	25	700-6867
F,G	Introduction	28	700-6566
*	Learning Guide	25	700-7157
*	Transition Guide	25	700-6970

**OFFICE INFORMATION SYSTEMS**

	Quick Reference	28	700-6898
	Training Workbook	30	700-70180
*	Conversion Guide	61	800-1499TU-01
*	Component Card	81	700-7587
	Introduction	31	700-5721B

# DIVIDER PAGE

## (OIS) CONTINUED

BASIC		Language Reference	30	700-5750B
BASIC, Implementation		Course	30	OISOB
BASIC, Introduction to Program.		Course	29	OIS 5 B
BASIC, System Support 5		System Support Manual	31	700-5961B
Bidirectional Forms Tractor		Summary Card	25	700-6153
CP/M	*	Primer	25	700-7046
CP/M		Reference	26	700-7019A
Column Edit		User Manual	25	700-5104C
Configuration Sheet			34	700-6168A
Configuration Sheet	F		34	700-6590A
Configuration Sheet			34	700-6167A
Configuration Sheet			34	700-6166A
Configuration Sheet			34	700-6165A
Configuration Sheet			35	700-4841E
Configuration Sheet			35	700-5264B
Decision Processing		Learning Guide	29	700-4614C1
Disk Drive		Summary Card	39	700-5271A
Disk Drive		Summary Card	40	700-5272A
Disk Drive (275MB)		Summary Card	39	700-6849
Emulation (3270)	*	User Guide & Addendum	95	700-6980
Envelope Feeder		User Manual	26	700-6252
Ergonomic Workstations		Summary Card	39	700-7048
Format Modification		User Manual	31	700-6278
Forms Feeder		Summary card	27	700-5255B
Glossary	*	Training Workbook	23	777-4006A
Glossary		Quick Reference	27	700-7194
Glossary		Training Workbook	29	700-6983
Graphics, Office	*	Primer	35	777-4003
List Processing	*	Procedures Guide	32	700-7034
List Processing	*	Training Workbook	30	700-6974
List Processing	*	Quick Reference	31	700-7033
MAILWAY	*	Reference Manual	89	700-7110
MAILWAY	+	Implementation Guide	89	700-7119
MAILWAY	*	User Manual	86	700-6892
MAILWAY	+	User Manual	87	700-7012A
MAILWAY	+	User Manual	87	700-6516A
Mag Card		User Manual	32	700-6569
Mag Card Reader		User Manual	28	700-5189
Magnetic Tape Drive		Summary Card	39	700-6999
Magnetic Tape Drive	*	User Manual	39	700-6998
Mailbox		User Manual	32	700-6583
Management Statistics		User Manual	32	700-6556
Math Support		Student Handbook	30	700-7013
Math Support		Training Package	29	700-7014
Minidiskette		Summary Card	32	700-6875
Network//Config./Oper. Guide	*	User Guide	90	800-1317
Network/File Trans./Remote Logon	*	User Guide	90	800-1316RU-01
Office Graphics		Primer	35	777-4003
Office Systems		Overview Manual	33	700-7009
Office Systems		Introduction	28	700-6944
Operating Procedures		Summary Card	34	700-6269
Optical Character (OCR)		User Manual	35	700-4712A
Photocomposition	*	10 Application Notes	41	700-6941
Photocomposition/5548z Typesetter		Course	41	PC16
Photocomposition/Glossary		Glossary of Terms	41	700-5098
Planning and Resource		Guide	31	700-6713A
Printer, Band		User Manual	39	700-6878A
Printer, Bidirectional Matrix		User Manual	38	700-6594A
Printer, Daisy		User Manual	38	700-4790D
Printer, Daisy		User Manual	40	700-5176B



**(OIS) CONTINUED**

Printer, Daisy		Summary Card	40	700-5257B
Printer, Daisy		Summary Card	41	700-6601
Printer, Daisy, Wide Carriage		User Manual	38	700-4789E
Printer, Daisy/Ribbon		Instructions	35	700-5213
Printer/Matrix, High Dens		General Information	28	700-7125(OI)
Printer, Twin-Head Daisy		User Manual	39	700-5588B
Printer, Wide Carriage	*	User Manual	40	700-5138E
Proportional Space		Summary Card	33	700-6876
Readability Index		User Manual	33	700-6831B
Site Planning	*	Guide	26	700-5978C
Sort Option		User Manual	35	700-4672D
Spelling Verifier/ Dictionary		User Guide	33	700-6888
Super Global Replace		User Manual	33	700-6298
Supervisor Procedures	+	Procedures Manual	33	700-5562C
Supervisory Functions	+	Quick Reference	34	700-5741C
System Administrator	*	Course Materials	34	700-6643A
System Security	*	User Manual	34	700-6865A
Telecommunications		User Manual	96	700-6982
Twin Sheet Feeder		Procedures Summary	35	700-5268C
Twin Sheet Feeder		User Manual	36	700-4664D
Twin Sheet Feeder System 5		Overview	36	700-5147C
Typesetter 5548z	*	Reference Manual	42	700-5945B
Typesetter 5548z Command		List of Commands	42	700-5947B
Typesetter, 5548z/Photocomp.		Course	41	PC16
Wanglaw		Pocket Guide	80	700-6501
Wanglaw		User Manual	81	700-6244
Wanglaw Forms		Package of Forms	80	700-6946
Wanglaw Management		Attorneys	80	700-6552A
Wanglaw Sample Reports			80	700-6233A
Word Processing	F,G	Introduction	28	700-6566
Word Processing		Reference	26	700-7611
Word Processing	*	Training Card	26	777-4015
Word Processing	*	Training Guide	27	777-4010
Word Processing	*	Training Package	26	777-4002
Word Processing	*	Reference Cards	26	777-4014
Word Processing, Aux/Functions		User Manual	27	700-4642B
Word Processing, Chinese		User Manual	27	700-6841
Word Processing, Glossary		Glossary	27	700-4417C
Word Processor		Configuration Sheet	40	700-6571A
Word Processor		Summary Card	40	700-6602
Word Processor		User Manual	41	700-5780B

**WANGWRITER**

CP/M	*	Primer	25	700-7046
CP/M		Reference	26	700-7019A
CP/M 2.2		Summary Card	36	700-6958
Glossary	*	Training Workbook	37	777-6597B
Office Systems		Introduction	28	700-6944
Printer		Summary Card	41	700-6828
Registration Cards		Card	37	700-6567A
Software License	*	Agreement	37	700-7628
Software Registration	*	Card	37	700-6567A
Wangwriter	*	Installation Guide	37	700-6936
Wangwriter	PRE	Seminar Kit	37	750-0003A
Wangwriter	*	Reference	36	700-6574B
Wangwriter	*	Training Workbook	36	777-6282C
Wangwriter Documentation		Guide	36	700-6595B
Wangwriter, "Do Not Disturb"		Letter	36	700-7001

# DIVIDER PAGE

## WORD PROCESSING SYSTEMS

ATMSWPS Conversion	*	Conversion Guide	61	800-1499TU-01
Bidirectional Forms Tractor		Summary Card	25	700-6153
Column Edit		User Manual	25	700-5104C
Decision Processing		Learning Guide	29	700-4614C
Disk Drive		Summary Card	39	700-5271A
Envelope Feeder		User Manual	26	700-6252
MAILWAY	*	Reference Manual	89	700-7110
MAILWAY	+	Implementation Guide	89	700-7119
MAILWAY	*	User Manual	87	700-6976
MAILWAY	*	User Manual	87	700-6276A
Mag Card Reader		User Manual	28	700-5189
Math Support		Student Handbook	30	700-7013
Math Support		Training Package	29	700-7014
Office Systems		Introduction	28	700-6944
Office Systems		Systems Guide	29	700-5043A
Optical Character (OCR)		User Manual	35	700-4712A
Printer, Band		User Manual	39	700-6878A
Printer, Bidirectional Matrix		User Manual	38	700-6594A
Printer, Daisy		User Manual	38	700-4790D
Printer, Daisy		User Manual	40	700-5176B
Printer, Daisy		Summary Card	40	700-5257B
Printer, Daisy, Wide Carriage		User Manual	38	700-4789E
Printer, Daisy/Ribbon		Instructions	35	700-5213
Cartridge & Print Wheel				
Printer/Matrix, High Dens		General Information	28	700-7125(0)
Printer, Wide Carriage	*	User Manual	40	700-5138E
System Security Option		User Manual	35	700-4673E
Twin Sheet Feeder		Procedures Summary	35	700-5268C
Twin Sheet Feeder		User Manual	36	700-4664D
Twin Sheet Feeder System 5		Overview	36	700-5147C
Word Processing	F,G	Introduction	28	700-6566
Word Processing		Reference	26	700-7611
Word Processing	*	Training Card	26	777-4015
Word Processing	*	Training Guide	27	777-4010
Word Processing	*	Training Package	26	777-4002
Word Processing	*	Reference Cards	26	777-4014
Word Processing Administrator		Course	60	VS12
Word Processing, Aux/Functions		User Manual	27	700-4642B
Word Processing, Chinese		User Manual	27	700-6841(0)
Word Processing, Glossary		Glossary	27	700-4417C
Word Processor		Configuration Sheet	38	700-3913H
Word Processor		Configuration Sheet	38	700-4685I
Word Processor	*	Configuration Sheet	38	700-3914I
Word Processor, CDC Disks		Summary Card	38	700-5269B
Word Processor, TC		User Manual	96	700-5295B
Word Processor, TC		User Manual	96	700-4686E
Word Processor		User Manual	41	700-5780B
Phototypesetter Input				
Word Processor/System 5		Configuration Sheet	37	700-4720G
Word Processor/Systems, 5/20 Dual Diskette Drive		Summary Card	37	700-5266A
<b>PHOTOCOMPOSITION</b>				
Photocomposition	*	10 Application Notes	41	700-6941
Photocomposition/Glossary		Glossary of Terms	41	700-5098
Typesetter 5548z	*	Reference Manual	42	700-5945B
Typesetter 5548z Command Structors & Error Messages		List of Commands	42	700-5947B
Typesetter 5548z 8-Level Character Set		User Manual	42	700-6502A
Word Processor		User Manual	41	700-5780B
Phototypesetter Input				
Photocomposition/5548z Typesetter		Course	41	PC16

**Alliance Advanced Functions Reference Guide**

This publication is a convenient reference for individuals who are familiar with basic word processing procedures, and are interested in acquiring more extensive text manipulation skills. The Advanced Functions are: Automatic Paragraph Numbering, Calculator, Document Merge, Format Modification, Index Generator, and Super Global Replace. The first section of this reference guide describes common keystrokes used in all Advanced Functions. The functions are discussed in the order that they appear on the menu, and brief descriptions and operating instructions are provided for each.

**Prerequisite:** Completion of the first section of *Alliance Word Processing: A Learning Guide (700-7117)*.

\*  
**700-7141**  
#  
**July 1982**

**Alliance BASIC System Support Manual**

This publication is designed to aid the programmer in using the subroutines and utilities available with Alliance BASIC. It includes information about the document file and call verb subroutines, and the Sort, and Key recovery utility. Also included is the File Conversion utility, which explains how to convert OIS BASIC programs to Alliance BASIC programs.

**Prerequisites:** Familiarity with both the Alliance system and the BASIC language.

\*  
**700-6963**  
#  
**August 1982**

**Alliance BASIC Reference Manual**

This publication introduces BASIC programming concepts on the Alliance System. The topics discussed include creating, editing, naming, saving, and printing BASIC files. It also describes program storage, execution, and retrieval; the immediate mode; debugging programs; numerics and alpha-numeric; general statements and functions; subroutines; DISK I/O statements; sort statements; Matrix statements; and the data base. Information on program size restrictions and error messages is also included.

\*  
**700-6962**  
**\$25.00**  
**August 1982**

**Alliance CP/M Administrator's Guide**

Applications and procedures

\*  
**700-7609**  
#  
**September 1982**

## **ALLIANCE**

### **Alliance CP/M User Guide**

This publication explains how to access applications through CP/M.

\*  
**700-7610**  
#  
**September 1982**

### **Alliance Customer Registration Card**

This card is filled out by system administrators at the time of system installation. It provides Wang with configuration details to feed into our customer data base. If completed, the customer will receive notices of availability of new documents for the Alliance System.

\*  
**700-7118**  
**August 1982**

### **Alliance Decision Processing Learning Guide**

This publication instructs Wang Alliance Glossary users how to write Decision Processing "programs." The Decision Processing keynames for screen displays [(-PROMPT-), (-ERROR-)], temporarily halting glossary recall [(-1-KEY-), (-N-KEYS-)], calling other entries [(-GL-), (-GO-TO-GL-)], and If tests [(-IF-), (-END-), (-STOP-RECALL-)] are presented using a "building block" approach. Special applications and sample glossaries accompany each new topic.

\*  
**777-4007**  
**\$15.00**  
**June 1982**

### **Alliance Facts and Features**

This booklet illustrates each software application, and provides explanations for new terminology. It also includes comparisons of parameters for software for the OIS and the Alliance.

\*  
**700-6959**  
#  
**September 1982**

### **Alliance Filing Reference Guide**

This publication provides step-by-step reference material about Filing and Special Print functions on Alliance.

\*  
**700-7608**  
#  
**September 1982**

### **Alliance Glossary Training Workbook**

This publication is a learning guide for new and experienced Glossary users. By choosing one of two training paths, the user can learn or review the basic steps of Alliance Glossary and Glossary By Example and create glossary entries to recall text, editing operations, format lines, and menu selections. A Quick Reference Card provides easy reference for experienced users.

*Prerequisite:* Basic word processing skills.

\*  
**777-4006A**  
**\$30.00**  
**October 1982**



**Alliance Math Support Package Reference Guide**

This publication provides step-by-step instructions for the Alliance Math Support Package. It also includes Column Edit. Users should be familiar with Alliance Word Processing.

\*  
**700-7152**  
#  
**September 1982**

**Alliance Notebook Administrator's Guide**

This publication for the system administrator provides procedures and recommendations for managing the Alliance Notebook application. This guide should be used in conjunction with the Notebook Reference Guide in the *Alliance Notebook Reference Guide (700-7147)*.

\*  
**700-7159**  
#  
**September 1982**

**Alliance Notebook Reference Guide**

This publication is for the office team. It provides material about the Alliance Notebook application and administrative procedures.

\*  
**700-7147**  
#  
**September 1982**

**Alliance Spell Reference Guide**

This publication provides step-by-step reference material about Spell on the Alliance.

\*  
**700-7072**  
**September 1982**

**Alliance System Administrator**

This course for Alliance administrators explains the Alliance supervisory functions as they relate to system management. The topics include an introduction to Alliance, system management, system administration, system operation and maintenance, system utilities, supervisory functions, troubleshooting, visual memory administration, and time management administration.

**Prerequisites:** Completion of the Pre-Install Seminar, a basic knowledge of Wang Word Processing, completion of all profile sheets from the Pre-Install Seminar, and completion of the *Alliance Administrator's Guide (700-6897)*.

\*  
**AL10**  
**Course**  
#  
**September 1982**

**Alliance System Administrator's Guide (Interim)**

This publication for the system administrator provides information on all aspects of Alliance, including preplanning before equipment installation, keyboarding information with step-by-step instruction, and utilities.

\*  
**700-6897**  
#  
**September 1982**

## **ALLIANCE**

### **Alliance Time Management Administrator's Guide**

This publication for the system administrator provides procedures and recommendations for managing the Alliance Calendar, Telephone Directory, and Message applications. This guide is to be used in conjunction with the *Alliance Time Management Reference Guide (700-7626)*.

\*  
**700-7627**  
#  
**September 1982**

### **Alliance Time Management Reference Guide**

This publication for the office team provides step-by-step reference material about the Alliance Calendar, Message, and Telephone Directory applications. It includes perforated reference cards for each application.

\*  
**700-7626**  
#  
**September 1982**

### **Alliance User Summary Card**

This pack of 25 cards is for the system administrator and the Alliance user. Each card contains a profile of each user on Alliance, including a user's name, system (if WISEd), ID, library, password, print routes, and application access privileges.

\*  
**700-6965**  
#  
**September 1982**

### **Alliance User Summary Card for Time Management Guide**

This pack of 25 cards is for the system administrator and the Alliance user. Each card contains a profile of each user on Alliance, including a user's name, system (if WISEd), ID, library, password, print routes, and application access privileges. It is designed to fit into the *Alliance Time Management Reference Guide (700-7626)*.

\*  
**700-7144**  
#  
**September 1982**

### **Alliance Visual Memory Administrator's Guide**

This publication is for the system administrator. It explains how to develop and maintain Visual Memory applications. It also provides procedures for managing the applications.

\*  
**700-7143**  
#  
**September 1982**

### **Alliance Visual Memory: A Learning Guide**

This publication is for the new Visual Memory user. It is a self-study guide designed around sample Visual Memory "cabinets" that are installed with the Visual Memory software.

\*  
**700-6896**  
#  
**September 1982**

### **Alliance Voice Document Administrator's Guide**

This publication for the system administrator explains how to maintain the Voice Document system on Alliance.

\*  
**700-7576**  
#  
**September 1982**

### **Alliance Voice Document Author Guide**

This publication explains how to use the Voice Document system on Alliance.

\*  
**700-6989**  
#  
**September 1982**

**Alliance Voice Transcription Guide**

This publication is for the Voice Transcriptionist. It explains how to use voice documents.

\*  
700-6988  
#  
September 1982

**Alliance WISE User Guide**

This publication is for the office team. It explains how to use WISE on Alliance to connect two or more Alliance systems.

\*  
700-6867  
#  
September 1982

**Alliance Word Processing: A Learning Guide**

This publication is for all levels of the office team. It provides a self-paced training guide with detailed step-by-step training for all users not already familiar with Wang Word Processing. It also includes Sort, Column Edit, and Typewriter applications. This guide also contains *Alliance Word Processing: A Learning Guide (700-7117)*.

\*  
700-7157  
#  
September 1982

**Alliance Word Processing Transition Guide**

This publication is for customers who are upgrading their Wang Word Processing systems to Alliance. It provides enhancements to Word Processing and transition issues.

\*  
700-6970  
#  
September 1982

**Bidirectional Forms Tractor Operating Procedures Summary Card**

This publication contains step-by-step instructions for mounting the three tractor models on Wang printers, and inserting paper into the form feed mechanism.

700-6153  
n/c  
June 1980

**Column Edit User Manual**

This publication describes the two functions of Column Edit (Column Move and Column Delete) on OIS and WPS, and presents the operating steps necessary to use them. It includes examples of each function, and how to use Column Edit with Sort and the Math Support Package to finish a document.

700-5104C  
\$ 5.00  
April 1981

**CP/M Primer**

This publication describes the features of the CP/M operating system for the first-time user. This primer is intended to get the user quickly into using and working with CP/M.

700-7046  
#  
November 1981

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CP/M is a registered trademark of Digital Research, Inc.

## **OIS/WPS**

### **CP/M Reference Manual**

This publication contains step-by-step instructions for mounting the CP/M Release 2.2 Operating System diskette on the Wangwriter, OIS, and VS/IIS. Backup instructions are also included, and in-depth details of CP/M functionality are discussed.

**700-7019A**  
#  
**December 1981**

### **Customer Site Planning Guide**

This publication is designed for anyone preparing a site for the installation of a Wang Word Processing System, a Wang Office Information System, or a Wang VS or 2200-series computer system. It contains physical, electrical, and environmental specifications for the system components, and gives some suggestions for preparing the Word Processing/Data Processing site before the system actually arrives.

\*  
**700-5978C**  
**\$10.00**  
**February 1982**

### **Envelope Feeder User Manual**

This publication provides instruction on the use of the envelope feeder. It includes information on hardware, software, machine care, and maintenance. Knowledge of the Wang Word Processor and the Model 6581W printer is assumed.

**700-6252A**  
**\$ 5.00**  
**November 1980**

### **Word Processing Reference Manual**

This manual is a reference guide to standard word processing software running on all OIS, WPS, and VS/IIS systems.

\*  
**700-7611**  
#  
**September 1982**

### **Word Processing Training Package**

This package consists of 14 self-paced training workbooks and is designed to teach word processing on Wang Office Systems (OIS, VS/IIS, and WPS) to first-time users. The text is extensively illustrated with photos, screens, and line drawings. Instructions for administering the package are contained in the *Office Systems Training Guide (777-4010)*.

\*  
**777-4002**  
**July 1982**

### **Quick Reference Cards**

This card is to be used with the Word Processing Training Package (777-4002). It is a keystroke summary of word processing operations. Each package contains 25 cards.

\*  
**777-4014**  
**\$ 5.00**  
**July 1982**

### **Word Processing Training Information Cards**

This is to be used with the *Word Processing Training Package (777-4002)*. It provides the information needed by each student to complete the training package and operate the printer.

\*  
**777-4015**  
**\$ 5.00**  
**July 1982**

**Office Systems Training Guide**

This publication provides customer-designated trainers with guidelines for implementing Wang's Office Systems *Word Processing Training Package* (777-4002). The package consists of instructor driven courses and self-paced documentation designed to teach the user to operate and manage Wang Office Systems. The manual includes a training diskette that contains practice documents for all self-paced training workbooks. (OIS Advanced Functions Workbook, Math, Instructor's Guide, Glossary Training Workbook, and Word Processing Training Workbook.)

\*  
**777-4010**  
**\$35.00**  
**July 1982**

**Forms Feeder Operating Procedures Summary Card**

This publication contains step-by-step instructions concerning installation procedures and paper insertion for the Forms Feeder.

**700-5255B**  
n/c  
**September 1980**

**Word Processor Glossary Auxiliary Functions User Manual**

This publication contains descriptions and instructions for the eleven pre-developed auxiliary functions of the Glossary. These functions represent what is most needed, or will save the most time. This manual is designed for general use by any WPS customer.

**700-4642B**  
**\$ 5.00**  
**April 1981**

**Wang Glossary of Terms**

This publication contains an alphabetical list of word processing and OIS terminology, and their definitions.

**700-4417C**  
**\$ 3.00**  
**January 1981**

**Glossary Quick Reference Card**

This publication is a brief reference guide to using the Glossary function on VS/IIS, OIS, or WPS.

\*  
**700-7194**  
**\$ 1.00**  
**June 1982**

**Ideographic Word Processing Operator Guide – Chinese System Edition**

This publication instructs the user in the operation of the OIS Ideographic Chinese WP system. It includes detailed instructions on the 3-Corner Coding method, the means by which characters are analyzed and input to the system for word processing. This document contains English text with Chinese screens; it was written for translation into Chinese.

**700-6841**  
**\$25.00**  
**August 1981**

**Ideographic Word Processing Operator Guide – Chinese System Edition Errata Sheet**

This errata sheet notes specific corrections to the existing manual.

**700-6841.01**  
n/c  
**September 1981**

## **OIS / WORD PROCESSING**

### **Introduction to Wang Office Systems**

This publication is designed as a convenient reference to the major features of the Wangwriter, Word Processing Systems, and Office Information Systems. Discussed in more detail are the physical and operational characteristics, the available systems, descriptions of hardware and software products and features, and application examples.

**700-6944**  
**\$10.00**  
**December 1981**

### **What is Word Processing?**

This publication is designed to introduce a first-time word processing user to general word processing concepts. It provides a formal definition of a word processor, a description of how it works, and an explanation of the benefits of using a word processor. This booklet should be used in conjunction with *The Wangwriter Training Workbook*. It can also be used as an introduction to word processing concepts for users of the Wang Word Processing and Office Information Systems.

**F, G**  
**700-6566**  
**\$ 2.00**  
**April 1981**

**French edition**  
**700-6914**

**German edition**  
**700-6913**

### **WP MCR-1 Mag Card Reader User Manual**

This publication describes the characteristics and operation of the Model MCR-1 Mag Card Readers for those installations using the MCR-1 with a Wang Word Processing System. It includes general information, a description of Control Panel functions and operations, a conversion table, and specifications.

**700-5189A**  
**\$ 5.00**  
**March 1979**

### **5577 High Density Matrix Printer**

This publication describes the characteristics and operation of the Model 5577 High Density Matrix Printer. It includes general information, a description of the control panel and its functions, and printer operating procedures.

**\***  
**700-7125**  
**\$15.00**  
**July 1982**

### **5577 High Density Matrix Printer Addendum**

This addendum includes instructions for loading font diskettes and printing special characters. It also provides general information, a description of the control panel and its functions, and printer operating procedures.

**\***  
**700-7125.01**  
**July 1982**

### **OIS Advanced Functions Quick Reference Guide**

This publication is designed as a convenient reference guide for individuals with a working knowledge of Advanced Functions on the OIS. A brief description and operating instructions are given for each function. This guide also lists common keystrokes and error messages for the Advanced Functions, and instructions for using password-protected documents as input documents.

**700-6898**  
**\$ 3.00**  
**November 1981**

**Decision Processing Reference Guide**

This publication instructs accomplished Wang OIS, WPS, and VS/IIS Glossary users how to write Decision Processing "programs." The Decision Processing keynames for screen displays [(-PROMPT-), (-ERROR-)], temporarily halting glossary recall [(-1-KEY-), (-N-KEYS-)], calling other entries [(-GL-), (-GO-TO-GL-)], and If tests [(-IF-), (-END-), (-STOP-RECALL-)] are presented using a "building block" approach. Special applications and sample glossaries accompany each new topic.

\*  
**700-4614C**  
**\$15.00**  
**March 1982**

**Glossary Training Workbook**

This self-teaching guide is designed for operators with a thorough understanding of word processing on the OIS, VS/IIS, or WPS. This workbook provides explanations and exercises in the steps necessary to create glossaries for text recall, text editing, format lines, and menu selection.

\*  
**700-6983**  
**\$30.00**  
**March 1982**

**A Guide for Office Systems Supervisors**

This publication is designed to help supervisors of Word Processing Groups guide the group in their initial stages. It includes information for understanding word processing concepts, for promoting word processing within a company, and for setting up a Word Processing group.

**700-5043A**  
**\$85.00**  
**July 1979**

**Introduction to OIS BASIC Programming**

This course for the general user explains how to write simple application-type programs in BASIC on the OIS system. Topics include: flowcharting, code development from flowcharts, manipulation of sequential data files, literals, file designing, data manipulations, printer applications, and subscripting and arrays.

*Prerequisite:* none.

**OIS 5 B**  
**Course**  
**4 1/2 days**

**Mathematics Support Package Applications User Manual**

This publication provides operating instructions for the glossarized applications of this package (Add Rows, Add and Grand Total Rows, Grand Total Columns, and Perform Functions on Rows).

*Prerequisites:* The reader should be familiar with the *Wang Glossary User Manual*, and the *Wang Mathematics Support Package Option User Manual*.

\*  
**700-4732D**  
**\$ 5.00**  
**May 1982**

**Math Support Package Instructor Guide**

This publication is an aid to the classroom instructor of Math Package. The text follows that of the *Math Support Package Student Handbook (700-7013)*, and is accompanied by instructor notes and teaching suggestions. The document contains masters for overhead transparencies; each lesson step includes a reproduction of the overhead.

\*  
**700-7014**  
**\$30.00**  
**January 1982**

## **OIS**

### **Math Support Package Student Handbook**

This publication provides a workbook-type accompaniment to the Math Support Package classroom instruction, and is intended as a companion document to the *Math Support Package Instructor Guide*. This handbook contains step-by-step solutions to math problems.

\*  
**700-7013**  
**\$30.00**  
**January 1982**

### **Mathematics Support Package User Manual**

This publication describes the capabilities and operating instructions of the Mathematics Support Package Option. This manual includes descriptions of various mathematical functions, a description of how to display and test results of a given function, and various examples of common mathematical applications.

*Prerequisite:* The reader should be familiar with the *Wang Word Processor Operator's Guide*.

**700-4671E**  
**\$ 5.00**  
**February 1981**

### **OIS Advanced Functions Training Workbook**

This is a self-paced training workbook for Advanced Functions: Automatic Paragraph Numbering, Table of Contents Generator, Calculator, Document Merge, and Index Generator. It includes sample exercises, and step-by-step instructions for each function.

\*  
**700-7018**  
**\$30.00**  
**February 1982**

### **OIS List Processing Workbook**

This self-paced training workbook for List Processing users, includes a description of List Processing, keys, and functions; sample exercises; and step-by-step instructions on List Processing software.

\*  
**700-6974**  
**\$30.00**  
**January 1982**

### **OIS BASIC Implementation**

This course for experienced programmers provides instruction for programming the Wang OIS. Topics include: a system overview, an overview of BASIC, program storage, retrieval and execution, data file management, Editor, Call verbs, document file subroutines, utilities (recreate, menu generations), and use of list processing files from a data processing mode.

*Prerequisite:* Programming experience in BASIC.

**OISOB**  
**Course**  
**4 days**

### **OIS BASIC Language Reference Manual**

This publication describes all facets of the BASIC language, including Disk statements, for the OIS. It includes discussions on terminology used in BASIC syntax; errors and error recovery; and the function, operation, and proper syntax of each BASIC statement.

**700-5750B**  
**\$25.00**  
**January 1981**



**OIS BASIC Language Reference Manual Addendum**

This addendum provides additional information for OIS users regarding the selection of print destinations, the INPUT and INPUTUSING statements, the CRT character set, and additional subroutine libraries.

**700-5750B.03**  
n/c  
**December 1981**

**OIS BASIC Programmer's Introduction**

This publication introduces and discusses the basic concepts of programming a Wang Office Information System (OIS) in the BASIC language. The major topics presented are creating, editing, naming and saving BASIC files; program storage, execution, and retrieval; the Immediate mode; debugging BASIC programs; system utilities; and program size restrictions. This manual is also a reference for OIS BASIC commands.

**700-5721 B**  
**\$10.00**  
**December 1981**

**OIS BASIC System Support Manual**

This publication is designed to aid the operator in using the subroutines and utilities available on the OIS BASIC system. It includes the Indexed Key File Creation, CONVPACK, Clear and Indexed File Damaged Flag, and Menu Creation utilities; the document file; and the Call verb subroutines. A familiarity with the OIS BASIC system and language is assumed.

**700-5961 B**  
**\$ 5.00**  
**May 1981**

**OIS BASIC System Support Manual Addendum**

This addendum provides information on additional Call verb subroutines not described in the *OIS BASIC System Support Manual*.

**700-5961 B.01**  
n/c  
**November 1981**

**OIS Customer Planning and Resource Guide**

This guide aids the customer and support analyst for a smooth installation by providing planning information and available Wang resources.

**700-6713A**  
#

**OIS Format Modification User Manual**

This publication is designed for the experienced word processing operator. It describes the operation and use of Format Modification, a word processing application.

**700-6278**  
**\$10.00**  
**December 1980**

**OIS List Processing Operators Quick Reference Guide**

This publication is a convenient reference guide for individuals with a working knowledge of List Processing options on the OIS. The guide presents concise operating instructions for List Processing functions and two Supervisory functions — Design Form and Design Label. It also includes details of the List Processing menus, a list of error and warning messages, a summary of special keys used in List Processing, and details of the parameters of List Processing.

\*

**700-7033**  
**\$ 5.00**  
**July 1982**

## **OIS**

### **OIS List Processing Supervisory Procedures Guide**

This publication, to be used in conjunction with the *OIS List Processing Training Workbook (700-6974)*, provides operating instructions for the Supervisory Functions of the List Processing software option. It includes an overview of List Processing and the role of the supervisor in List Processing operations. Appendices contain information on: List Processing data files and software files, configuration requirements, installation of List Processing software, system error messages (along with explanations and user instructions), and limits of supervisory functions.

\*  
**700-7034**  
**\$15.00**  
**July 1982**

### **OIS Mailbox User Manual**

This publication describes the operation of Mailbox on the OIS. It contains explanations of List Processing terms, concepts, special keys, and menus. Configuration requirements, List Processing software and data files, and error messages are also included.

**700-6583**  
**\$ 5.00**  
**April 1981**

### **OIS Management Statistics System User Manual**

This publication explains the function and operation of the Management Statistics System (MSS). An explanation of how to produce periodic and cumulative reports, with a sample of each, is included. This manual also describes configuration requirements, software installation, and error messages.

**700-6556**  
**\$10.00**  
**April 1981**

### **OIS Minidiskette Archiving Workstation Operating Procedures Summary Card**

This card contains information on the power-on and -off procedures, archiving OIS documents to and from minidiskettes, and transferring documents between an OIS and a Wangwriter.

**700-6875**  
**n/c**  
**October 1981**

### **OIS Model MCR-1 Mag Card Reader User Manual**

This publication describes the characteristics and operation of the Model MCR-1 Mag Card Reader as it is used on an Office Information System. Included are discussions of equipment use, and an explanation of the Peripheral utilities associated with the OIS Mag Card Reader.

**700-6569**  
**\$10.00**  
**March 1981**

### **OIS Operator Quick Reference Guide**

This publication contains menus, functions, graphic symbols, error and warning messages, prompts, instructions, messages, and a special key summary. This revision contains instructions on new word processing utilities: Network Print, Document Compare, Recover Document, Security Erase, and Typewriter and Wangwriter Document Conversion.

+  
**700-5740C**  
**\$ 5.00**  
**1982**

**OIS Overview Manual**

This training workbook presents a general description of the Wang Office Information System. It describes information processing concepts, and the equipment used to perform information processing tasks. It also defines the various tools and options available on the OIS that simplify other related office work. Includes review, quizzes, and answers.

\*  
**700-7009**  
**\$15.00**  
**January 1982**

**OIS Proportional Space Workstation Operating Procedure Summary Card**

This card contains instructions for use of proportional space on-screen, power on/off, and adjustments to brightness and contrast.

\*  
**700-6876**  
**n/c**  
**January 1982**

**OIS Readability Index User Manual**

This publication describes how to run the Readability Index on the OIS. It includes explanations of readability and why it is important, and how to prepare the input document; also included are descriptions of how the program works, how to interpret the statistics, and the output document.

\*  
**700-6831B**  
**\$ 5.00**  
**August 1982**

**OIS Spelling Verifier/Dictionary Builder User Guide**

This publication supplies information about the Spelling Verifier and the Dictionary Builder, two optional word processing utilities available on the Wang OIS 130 A-E, 140, and 145. Included are an overview, operating instructions, error messages, and software installation procedures for each utility.

\*  
**700-6888**  
**\$10.00**  
**June 1982**

**OIS Super Global Replace User Manual**

This publication is designed for word processing operators already familiar with word processing on the OIS. It describes the operation of Super Global Replace, an OIS Advanced Function. Procedures to run this function are illustrated by a sample document within the manual.

**700-6298**  
**\$ 5.00**  
**December 1980**

**OIS Supervisor Procedures Manual**

This publication provides operating instructions for OIS supervisors and system administrators. It includes a general introduction of assorted OIS applications; a glossary of OIS terms; the basic steps to installing a system; and an explanation of Word Processing used on the OIS, special filing instructions, and Volume utilities and Control functions. This revision supports up to software level 6.3. It also contains information on Backup procedures, and new instructions on Control Functions and word processing utilities: Network Print, Document Compare, Recover Document, Security Erase, Typewriter and Wangwriter Document Conversion.

+  
**700-5562C**  
**\$15.00**  
**January 1982**

## **OIS**

### **OIS Supervisor Quick Reference Guide**

This publication contains menus, functions, graphic symbols, and error and warning messages for OIS supervisory functions. This revision includes new reference instructions on control functions.

+  
**700-5741C**  
**\$ 5.00**  
**March 1982**

### **OIS System Administrator's Course**

This 3-part course contains an explanation on how to use the course materials, including overheads and the student handbook; an instructor's text for reference; and an instructor's guide from which the course is taught.

\*  
**700-6643A**  
**\$50.00**  
**February 1982**

### **OIS System Security User Manual**

This publication describes the current features available on Wang's Office Information Systems that enhance system security.

\*  
**700-6865A**  
**\$10.00**  
**July 1982**

### **OIS 105 Configuration Sheet**

This sheet lists the basic configuration, printers, standard software, workstations, optional peripherals, and accessories for the OIS 105.

**F**  
**700-6168A**  
**n/c**  
**November 1980**  
**French edition**  
**700-6590A**

### **OIS 115 Configuration Sheet**

This sheet lists the basic configuration, printers, standard software, workstations, optional peripherals, and accessories for the OIS 115.

**700-6167A**  
**n/c**  
**April 1981**

### **OIS 125A Configuration Sheet**

This sheet lists the basic configuration, printers, standard software, workstations, optional peripherals, and accessories for the OIS 125A.

**700-6166A**  
**n/c**  
**June 1981**

### **OIS 125A/130A Operating Procedures Summary Card**

This card contains operating procedures for the running of the 125A or 130A master, reading error codes, resetting the system, and powering the system on and off.

**700-6269**  
**n/c**  
**December 1980**

### **OIS 130A Configuration Sheet**

This sheet lists the basic configuration, printers, standard software, workstations, optional peripherals, and accessories for the OIS 130A.

**F**  
**700-6165A**  
**n/c**  
**June 1981**  
**French edition**  
**700-6593A**

**OIS 140 Configuration Sheet**

This sheet lists the basic configuration, printers, optional peripherals, standard software, and accessories for the OIS 140.

**700-4841E**  
n/c  
**February 1981**

**OIS 145 Configuration Sheet**

This sheet lists the basic configuration, standard software, optional software and peripherals, accessories, and printers for the OIS 145.

**700-5264B**  
n/c  
**November 1980**

**Word Processor Optical Character (OCR) Option User Manual**

This publication is an introduction to the Optical Character Recognition (OCR) option. It describes OCR operation through examples of an edited document entered via OCR.

**700-4712A**  
**\$ 5.00**  
**October 1979**

**A Primer on Office Graphics**

This publication provides the novice with an introduction to basic Office Graphics concepts. It includes such topics as graphics applications, graphics generation technologies, and graphics hard copy and transmission methods. Black and white and color illustrations reinforce the concepts presented.

\*

**777-4003**  
**\$15.00**  
**July 1982**

**Ribbon Cartridge and Print Wheel Replacement for the Model 5541 Daisy Printer**

This publication contains step-by-step instructions for replacing a 5541 daisy printer ribbon cartridge or print wheel.

**700-5213**  
#  
**May 197**

**Word Processor System Security Option User Manual**

This publication aids the operator in using the Security Option. This option is designed for companies requiring top security for certain information; it can be run on the System 20, 25, or 30, and the 7500T systems.

**700-4673E**  
**\$ 5.00**  
**May 1981**

**Sort Option User Manual**

This publication describes the operating instructions for the Sort Option on the WPS, OIS, and VS/IIS. It includes a general introduction, definitions of Sort terms, format rules, sample Sort files, and a list of the CRT Character Set.

**700-4672D**  
**\$ 3.00**  
**July 1980**

**Twin Sheet Feeder Operating Procedures Summary**

This publication presents step-by-step instructions for installing the Twin Sheet Feeder, as well as a list of do's and don'ts.

**700-5268C**  
n/c  
**May 1981**

**Twin Sheet Feeder – System 5**

This publication presents an overview of the Twin Sheet Feeder, including its structure; functionality; and functions, features, and benefits.

**700-5147C**  
**n/c**  
**June 1981**

**Twin Sheet Feeder User Manual**

This publication presents instructions for loading the Twin Sheet Feeder, and for keeping it running smoothly. These instructions also include a list of do's and don't's.

**700-4664D**  
**\$ 5.00**  
**August 1981**

**Wangwriter CP/M Operating System Summary Card**

This card provides summary instructions for loading the Wang CP/M 2.2 Operating System on the Wangwriter.

**700-6958**  
**\$ 2.00**  
**October 1981**

**Wangwriter Documentation Guide**

This publication is designed to introduce the user to the Wangwriter training program. It discusses the purpose of each component of the training program, and how and when it should be used.

**700-6595B**  
**n/c**  
**March 1981**

**Wangwriter "Do Not Disturb" Letter**

This letter is addressed to the supervisor, asking that their staff be given uninterrupted time to complete the Wangwriter training program.

**700-7001**  
**n/c**  
**October 1981**

**Wangwriter Reference Manual**

This publication is designed for post-training use. It includes operational guidelines for performing all Wangwriter functions and system start-up procedures. A troubleshooting section consisting of all prompts and error messages is included. A detachable quick reference card provides abbreviated operational guidelines for all Wangwriter functions.

**\***  
**700-6574B**  
**\$20.00**  
**March 1982**

**The Wangwriter Training Workbook**

This publication provides step-by-step instructions on how to operate the Wangwriter. Each person using the Wangwriter should complete this workbook. To ensure successful completion of the Wangwriter training program, the operator should complete the entire workbook in the order it is presented, since each topic builds on information taught in previous units.

**\***  
**777-6282C**  
**#**  
**February 1982**

**Wangwriter Glossary Training Workbook**

This training workbook for the first-time glossary user is a self-paced, step-by-step manual. A training diskette with practice exercises is included. Stocked by Supplies.

\*  
**777-6597B**  
**\$35.00**  
**June 1982**

**Wangwriter Pre-Installation Seminar**

The purpose of the seminar is to provide the Wangwriter customer with a complete understanding of Site Planning guidelines, support resources, supplies information, filing procedures, delivery procedures, and the possible office applications. The seminar kit contains the following materials: slides with script, Administrators Guide, Installation Day check list, Document Cycle flowchart, Applications and Procedures Worksheets. The half day seminar is designed for approximately 12 to 15 attendees.

**750-0003A**  
**#**  
**Course**  
**1/2 day**

**Wangwriter Software License Agreement**

This implied license is shipped with every Wangwriter. It sets forth the terms by which the Wangwriter software user is bound.

\*  
**700-7628**  
**n/c**  
**June 1982**

**Wangwriter Software Registration Card**

This card is shipped with every Wangwriter system, and must be completed by the customer when the Wangwriter is installed. It helps Wang keep the customer up-to-date with new releases of software and documentation.

\*  
**700-6567A**  
**n/c**  
**June 1982**

**Wangwriter Unpacking & Installation Guide**

This publication is a pictorial guide to unpacking and installing the Wangwriter system. The guide provides step-by-step diagrammatic instructions for the unpacking and installation of all Wangwriter systems.

\*  
**700-6936**  
**August 1982**

**Word Processor System 5 Configuration Sheet**

This sheet lists the basic configuration, printer and peripheral options, standard software, and accessories available on the Wang Word Processor System 5 Model III.

**700-4720G**  
**n/c**  
**December 1981**

**Word Processor Systems 5/20 Dual Diskette Drive Operating Procedures Summary**

This card presents operating procedures for the Word Processors 5 and 20 dual diskette drives. It contains information on power-on and -off procedures, and the RESET button.

**700-5266A**  
**n/c**  
**June 1980**

## **OIS/WPS**

### **Word Processor System 20 Configuration Sheet**

This sheet lists the basic configuration, printers, optional peripherals, software options, and accessories available on the Word Processor System 20.

**700-3913H**  
**n/c**  
**December 1981**

### **Wang Word Processor System 25 Configuration Sheet**

This sheet lists the basic configuration, printers, peripheral and software options, and accessories available for each model on the Wang Word Processor System 25, Model III.

**700-4685I**  
**n/c**  
**August 1981**

### **Word Processor Systems 25/30 CDC Disk Operating Procedures Summary**

This card presents operating procedures for the Word Processors 25 and 30 CDC Disks. It contains information on power-on and -off procedures, the RESET button, and the backup and restore procedures for the WPS 25.

**700-5269B**  
**n/c**  
**June 1980**

### **Word Processor System 30 Configuration Sheet**

This sheet lists the basic configuration, software options, optional peripherals, printers, and accessories available on the Word Processing System 30.

**\***  
**700-3914I**  
**n/c**  
**January 1982**

### **Model 5533/5535 Bidirectional Matrix Printer User Manual**

This publication describes the characteristics and operation of the Model 5533/5535 Bidirectional Matrix Printer. It includes general information, a description of the control panel and its functions, printer operating procedures, and printer and paper specifications.

**700-6594A**  
**\$10.00**  
**August 1981**

### **Model 5541W Daisy Printer User Manual**

This publication describes the characteristics and operation of the Model 5541W Daisy Printer. It includes general information, a description of the Control Panel and its functions, a demonstration of various maintenance procedures, and paper and printer specifications.

**700-4790D**  
**\$ 5.00**  
**March 1981**

### **Model 5541WC Wide Carriage Printer User Manual**

This publication describes the characteristics and operation of the Model 5541WC Daisy Printer, which is designed for the Wang WP System 5 Model III. It includes general information, a description of the Control Panel and its functions, operation and maintenance procedures, and paper and printer specifications.

**700-4789E**  
**\$ 5.00**  
**September 1981**



**Model 5574 Band Printer User Manual**

This publication describes the characteristics and operation of the Model 5574 Band Printer. It includes an overview of the printer, a description of the Control Panel and its functions, a demonstration of maintenance procedures, and a list of printer specifications.

**700-6878A**  
**\$10.00**  
**December 1981**

**Model 5581WD Twin-Head Daisy Printer User Manual**

This publication describes the characteristics and operation of the Model 5581WD Twin Head Daisy Printer, designed for all Wang Office Information Systems. It includes general information, a description of the Control Panel and its functions, operation and maintenance procedures, and paper and printer specifications.

**700-5588B**  
**\$ 5.00**  
**February 1981**

**Series 5700, 5800, 5900 Ergonomic Workstations Summary Card**

This card describes the operating procedures for the 5700, 5800, and 5900 Series Ergonomic workstations. Included are procedures for adjusting the workstation screen and setting the controls.

**\***  
**700-7048**  
**n/c**  
**February 1982**

**Model 6509 Magnetic Tape Drive Operating Procedures Summary Card**

This card presents operating procedures for the Model 6509 Magnetic Tape Drive. It contains information on drive operation and daily maintenance procedures.

**700-6999**  
**n/c**  
**September 1981**

**Model 6509 Tape Drive User Manual**

This publication describes the characteristics and operation of the Model 6509 Magnetic Tape Drive. It contains information on operation of the tape drive, including procedures for initializing tapes, copying files to tape, and retrieving files from tape.

**\***  
**700-6998**  
**\$10.00**  
**May 1982**

**Model 6560 Disk Drive Operating Procedures Summary**

This card contains operating procedures for the Model 6560D Disk Drive. It contains information on the power on and off procedures, the RESET button, and the removable disk cartridge.

**700-5271A**  
**n/c**  
**July 1980**

**Model 6565 Disk Drive (275MB) Operating Procedures Summary Card**

This card contains a description of the Control Panel and the power-down, disk pack removal, and disk pack replacement procedures for the Model 6565 Disk Drive (275MB), available on the OIS 145.

**700-6849**  
**n/c**  
**July 1981**

**Model 6580 Disk Drive Operating Procedures Summary**

This card contains operating procedures for the Model 6580 Disk Drive. It contains information on the power on and off procedures, the RESET button, and the removable disk cartridge.

**700-5272A**  
**n/c**  
**July 1980**

**Model 6581W Daisy Printer Procedures Summary Card**

This card contains step-by-step instructions for replacing the ribbon cartridge and print wheel on the Model 6581W Daisy Printer.

**700-5257B**  
**n/c**  
**October 1980**

**Model 6581W Daisy Printer User Manual**

This publication describes the characteristics and operation of the 6581W Daisy Printer. It includes general information, a description of the Control Panel and its functions, a demonstration of various maintenance procedures, and paper and printer specifications.

**700-5176B**  
**\$10.00**  
**July 1981**

**Model 6581WC Wide Carriage Printer User Manual**

This publication describes the characteristics and operations of the Model 6581WC Wide Carriage Printer. It includes general information, a description of the Control Panel and its functions, a demonstration of the various maintenance procedures, and paper and printer specifications.

**\***  
**700-5138E**  
**\$ 5.00**  
**April 1982**

**Model 7520T Word Processor Stand-Alone Configuration Sheet**

This sheet lists the basic configuration, printers, peripheral and software options, and accessories available on the Model 7520T Word Processor.

**700-6571A**  
**n/c**  
**August 1981**

**Model 7520T Stand-Alone Procedures Summary Card**

This card contains step-by-step instructions for operating the Model 7520T Stand-Alone Word Processor.

**700-6602**  
**n/c**  
**April 1981**

**Model 7525-3T Word Processing System Configuration Sheet**

This sheet lists the basic configuration, printers, peripheral and software options, and accessories available on the Model 7525-3T Word Processor.

**700-6572A**  
**n/c**  
**August 1981**

**Model 7525-3T and 7530T Procedures Summary Card**

This card contains step-by-step instructions for operating the Models 7525-3T and 7530T Word Processing Systems.

**700-6818**  
**n/c**  
**April 1981**

**Model 7530T Word Processing System Configuration Sheet**

This sheet lists the basic configuration, printers, peripheral and software options, and accessories available on the Model 7530T Word Processor.

**700-6570A**  
**n/c**  
**August 1981**

**Model 7581WT and 7581WCT Daisy Printer Procedures Summary Card**

This contains step-by-step instructions for operating the Models 7581WT and 7581WCT Daisy Printers.

**700-6601**  
**n/c**  
**May 1981**

**Printer Procedures Summary**

This card provides step-by-step instructions for changing a print wheel and installing a ribbon cartridge for the Wangwriter.

**700-6828**

**PHOTOCOMPOSITION**

**5548Z Photocomposition**

This course for programmers introduces photocomposition on the Wang 5548Z Typesetter. Topics include typesetting variables, Wang width load procedures, parameters, end-of-line decisions, fixed spacing, special characters, leading, tabbing, indenting, vertical control, formats, and translation tables.

*Prerequisites:* ability to operate a Wang OIS and a basic knowledge of phototypesetting.

**PC16**  
**Course**  
**4 1/2 days**

**Photocomposition Application Notes**

This package of 10 application notes is designed for operators familiar with the Wang Photocomposition system. Each application note presents a typesetting problem and a general approach to solving that problem. Typeset examples, samples of mark-up, recommended procedures, and screen photos are included.

**\***  
**700-6941**  
**\$ 5.00**  
**January 1982**

**Photocomposition Glossary of Terms**

This publication is an alphabetical list of photocomposition words and terminology, and their definitions.

**700-5098**  
**\$ 3.00**  
**January 1979**

## **PHOTOCOMPOSITION**

### **Wang Typesetter 5548z Command Structures and Error Messages**

This publication includes a list of the commands necessary for using the Wang Typesetter 5548z. A list of error messages and their definitions is also included.

**700-5947B**  
**#**  
**March 1981**

### **Typesetter 5548z Reference Manual**

This publication is designed as a quick reference for operating the Wang 5548z Typesetter. It includes information about start-up and power-down procedures, the installation of font segments, and loading a Character Set document. Explanations of error codes, and a list with explanations of typesetting commands are also included.

**\***  
**700-5945B**  
**\$10.00**  
**July 1982**

### **Typesetter 5548z 8-Level Character Set Manual**

This publication discusses the organization and application of the 8-level character set tables used with the Typesetter 5548z. This manual includes the three steps for translating a document on diskette for typesetting: preparing the Character Set Documents, preparing the document for typesetting, and typesetting the document. The reader should have a working knowledge of photocomposition terminology and Typesetter 5548z coding, and must be familiar with the Wang word processor.

**700-6502A**  
**\$20.00**  
**May 1981**

### **Word Processor Phototypesetter Input Option Model PIO User Manual**

This publication is designed to aid the user in document translation from a disk/diskette to paper tape compatible with a phototypesetter. The four basic steps involved in this translation are discussed: preparation of the Character Set document, loading the Character Set documents into working storage, preparing the document for typesetting, and printing the document. A sample word processing document is prepared for photocomposition input.

**700-5780B**  
**\$10.00**  
**June 1981**

**OFFICE SYSTEMS PRODUCT LINE DATA SHEETS AND APPLICATION SHEETS**

Accessories Data Sheet .....	700-4109F
Alliance Audio Workstations Data Sheet .....	700-7016
Alliance BASIC Data Sheet .....	700-7022A
Alliance Image Transfer System Data Sheet .....	700-7017
<b>F</b> Alliance Image Transfer System Data Sheet (French Edition) .....	700-709I
Alliance/OIS Printers Data Sheet .....	700-7662
Alliance Printers Data Sheet .....	700-7020
Alliance WISE Data Sheet .....	700-7032
<b>F</b> Alliance WISE Data Sheet (French.Edition) .....	700-7092
Alliance 250 Data Sheet .....	700-7030A
Alliance 250 CP/M Data Sheet .....	700-6957
Alliance 250 Optional Software Data Sheet .....	700-7027A
<b>F</b> Alliance 250 Optional Software Data Sheet (French.Edition) .....	700-7143
AWS-1 Archiving Work Station Data Sheet .....	700-5054A
Column Edit Application Sheet .....	700-5068A
Digital Audio Delay Model 150 Data Sheet .....	700-5142
DW-OS 20 Series Daisy Printers Data Sheet .....	700-7007
<b>F</b> DW-OS 20 Series Daisy Printers Data Sheet (French.Edition) .....	700-7060
Ergonomic Workstation Data Sheet .....	700-6813
IP41D Intelligent Image Printer Data Sheet .....	700-5060C
Model LPS-12 Laser Printing System Data Sheet .....	700-7155
MCR-1 Mag Card Reader .....	700-5109C
NK-1 Numeric Keypad Option .....	700-4795C
OCR-1 Optical Character Recognition Option Data Sheet .....	700-4713D
OIS BASIC Data Sheet .....	700-5528C
OIS Envelope Feeder Data Sheet .....	700-6190
OIS Ideographic Word Processor Data Sheet .....	700-6148B
<b>F</b> OIS List Processing Data Sheet (French.Edition) .....	700-6599S
OIS Minidiskette Workstation Data Sheet .....	700-6519
<b>F</b> OIS Minidiskette Workstation Data Sheet (French.Edition) .....	700-7138
OIS Readability Index Application Sheet .....	700-6600A
OIS SCI-TY Data Sheet .....	700-7178
OIS Sort Application Sheet .....	700-5095B
OIS 105/115 Data Sheet .....	700-7089
OIS 125 Data Sheet .....	700-5524A
OIS 125A Data Sheet .....	700-6174A
OIS 130 Data Sheet .....	700-5061C
OIS 130A Data Sheet .....	700-6175
OIS 140 Data Sheet .....	700-4840C
OIS 145 Data Sheet .....	700-5523C
Sort Application Sheet .....	700-6251
Twin Sheet Feeder Data Sheet .....	700-4495D
Twin Sheet Feeder System 5 Data Sheet .....	700-5147C
Wangwriter TTY Data Sheet .....	700-6981

## **DATA SHEETS**

PIO Phototypesetter Input Option (Paper Tape Punch and Translator Data Sheet .....	700-4420D
Typesetter 5548z Data Sheet .....	700-5948B
CP/M 2.2 Operating System on the Wangwriter Application Sheet .....	700-6852
Wangwriter Data Sheet .....	700-7145
<b>F</b> Wangwriter Data Sheet (French.Edition) .....	700-7036
Wangwriter Data Sheet (International) .....	700-6935
<b>F</b> Wangwriter Dual Diskette Data Sheet (French.Edition) .....	700-7068
Word Processor System 5 Model III Data Sheet .....	700-4837D
Word Processing Systems Data Sheet .....	700-7120A
5531-2 120cps Line Printer Data Sheet .....	700-4333G
5533 Bidirectional Matrix Printer Data Sheet .....	700-6845A
5535 Matrix Printer Data Sheet .....	700-6563A
5536-1 Workstation Data Sheet .....	700-5291
5536-2 Workstation Data Sheet .....	700-5292B
5541W Daisy Printer Data Sheet .....	700-4788C
5541WC Wide Carriage Printer Data Sheet .....	700-4786C
5574 600-LPM Band Printer Data Sheet .....	700-6877
5577 High-Density Matrix Printer Data Sheet .....	700-7010
<b>F</b> 5577 High-Density Matrix Printer Data Sheet (French.Edition) .....	700-70655
581WD Twin Head Daisy Printer Data Sheet .....	700-5521C
5938/5939 Proportional Space Workstations Data Sheet .....	700-6856
6509 Nine-Track Tape Drive Data Sheet .....	700-6835A
6560/6580 Fixed/Removable Disk Drives Data Sheet .....	700-5200
6560D Fixed/Removable Disk Data Sheet .....	700-5194
6565 Disk Drive Data Sheet .....	700-5779
6581W Daisy Printer Data Sheet .....	700-5127C
6581WC Wide Carriage Printer Data Sheet .....	700-5128B
7500T Series OIS/Alliance Data Sheet .....	700-7560
7520T Word Processing System Data Sheet .....	700-6580
7525-3T Word Processing System Data Sheet .....	700-6576A
7526HT Workstation Data Sheet .....	700-6577
7530T Word Processing System Data Sheet .....	700-6578
7581WT Daisy Printer Data Sheet .....	700-6575
7581WCT Printer Data Sheet .....	700-6579

**COMPUTER SYSTEMS**

<b>SOFTWARE APPLICATION PRODUCT</b>	<b>CODE</b>	<b>DESCRIPTION</b>	<b>PAGE</b>	<b>NUMBER</b>
<b>2200</b>				
2200 VP		Introductory Manual	53	700-4082A
2200MVP		Introductory Manual	52	700-4693D
2200MVP/LVP (Sharing Resources)		Course	52	MVP50
2200SVP		Introductory Manual	53	700-6163
Accounts Payable/Gen Ledger		System Manual	75	700-6203A
Analysis of Covariance		User Manual	75	700-4626
Analysis of Variance (ANOVA)		Operator's Guide	75	700-3867C
Async/Sync Modem	*	User Manual	68	700-6975
Async Communications	*	User Guide	91	700-7121
Async Communications	*	User Guide	91	700-7122
BASIC		Disk Reference	47	700-1309J
BASIC		Beginner's	51	700-3231G
BASIC, I/O Statements		Reference	49	700-3514F
BASIC, Matrix		Reference	51	700-3332E
BASIC, Programming		Course	51	VP30
BASIC-2		Disk Reference	47	700-4081G
BASIC-2, Error Codes	*	Pocket Guide	47	700-7170
BASIC-2, ISS		User Manual	50	700-5010A
BASIC-2, Language		Language Reference	47	700-4080D
BASIC-2, Language		Pocket Guide	47	700-5992
BASIC-2, Multiuser Operating System (Release 2.4)	*	Software Bulletin	48	700-7643
BASIC-2, Utilities		Reference	48	700-6856
BASIC-3	*	User Manual	48	700-6868
BASIC-3/COBOL	*	Operations Guide	48	700-6870
Bill of Material System		System Manual	75	700-6508
Binary Synchronous (BSC1)		User Guide	92	700-7123
Bioassay and Probit Analysis		User Manual	75	700-4602A
Buffered Async		User Manual	92	700-4114C
Communication Controller				
COBOL		Language Reference	48	700-6869
Coding Form		Coding Form	48	700-6817
Data Files			52	VP40
DATAMERGE	*	User Manual	49	700-6881A
Digital Drum Plotter		User Manual	56	700-3869C
Disk Drive		User Manual	55	700-5102A
Disk Drive		User Manual	56	700-5216A
Diskette Compatibility (3740)		User Manual	49	700-4369C
Diskette Drive		User Manual	56	700-5107
Emulation (3271)		User Guide	92	700-6978
Emulation (3271)	*	User Guide	93	700-6979
Emulation (3780) & ICS 2780	*	User Guide	93	700-7075
Emulator, BSC, (3275)		User Manual	93	700-4826B
Envelope Feeder		User Manual	49	700-6833
Finance/Utilities/Games		Program Library	77	700-3119D
GBS Release 2		Introduction	78	700-6822
GBS Release Reports 2 Sample		Reports Manual	75	700-6554
GBS/MVP		System Manual	76	700-5926
GBS/MVP MODs I-IV		Technical Guide	76	700-5022B
GBS/MVP MOD III		User Manual	76	700-5701
Graphic CRT Plotter		User Manual	57	700-4627A



# DIVIDER PAGE

## 2200 (cont.)

Graphic Utility System		Operating Instructions	49	700-4335C
I/O Interface Controller		User Manual	53	700-3364C
I/O Interface Controller		User Manual	55	700-3156B
IDEAS	*	Course	49	IDEAS 2
IDEAS		Familiarization Guide	50	700-5939A
IDEAS		User Manual	50	700-5778B
Interactive Terminal		User Manual	54	700-5711B
Interactive Terminal		User Manual	55	700-7636
Introduction	*	Introductory Manual	52	700-6164A
ISS Release 2		Reference Card	50	700-3872A
ISS Release 5		Reference Card	50	700-5560A
ISS Release 3.2		User Manual	50	700-4254B
Interface		User Manual	55	700-4136A
Invoicing, Accts, Order Entry,		User Manual	76	700-5772A
Inventory Control				
MAILWAY	*	Reference Manual	89	700-7110
MAILWAY	+	Implementation Guide	89	700-7119
Math General Program		Program Library	77	700-3118E
Nine-Track Tape Drive	*	User Manual	53	700-4358B
Nine-Track Tape Utilities		Operating Instructions	54	700-4325A
Payroll System	*	Reference	76	700-5927A
Payroll System		User Manual	76	700-5759A
Plotter Demo		Operating Instructions	51	700-4094
Plotter Utilities		Operator's Guide	51	700-3838D
Printer, Band		User Manual	56	700-5726A
Printer, Line		User Manual	54	700-6854
Printer, Line		User Manual	54	700-6816A
Printer, Line	*	User Manual	56	700-4251B
Printer, Matrix		User Manual	54	700-4457A
Printer, Matrix		User Manual	54	700-5040
Printer, Matrix	*	User Manual	55	700-6866B
Printer/Plotter		User Manual	56	700-5744B
Printer/Plotter	*	User Manual	57	700-6255
Regression Analysis		User Manual	79	700-3859C
Remote Control/Maintenance		User Manual	92	700-6848
RPL			52	700-3766C
Site Planning	*	Guide	26	700-5978C
SMART CLOCK		Utilities Manual	48	700-6553
Software Catalog		Catalog	53	700-6517
Statistics/Engineering		Program Library	77	700-3120E
Sync/Async		User Manual	92	700-4670A
Communication Controller				
TC Support Utilities		User Manual	92	700-4086
Teletypewriter Emulation (TTY)	*	User Guide	93	700-7553
Text Editing Utilities		User Manual	80	700-4043D
ISS Utilities		User Manual	50	700-3657D
Utilities, (ICS)	*	User Guide	93	700-7102
Word Processing	*	Operator's Guide	53	700-6937A
Word Processing	*	Programmer's Guide	51	700-6961
Word Processing		Supervisor's Manual	53	700-6864A

## PROFESSIONAL COMPUTER

BASIC	*	Language Guide	58	700-7592
BASIC	*	Reference	58	700-7594
Communications	*	Communications Guide	59	700-7558
Multiplan	*	Training & Ref. Guides	59	700-7600
Professional Computer	*	Documentation Guide	58	700-7589
Professional Computer	*	Introductory Guide	58	700-7590
Program Development	*	Program Devel. Guide	58	700-7593
Word Processing	*	Training & Ref. Guides	59	700-7588



**VS**

Administrative Functions		Course	60	VS10
Applications Design		Course	60	VS40
Assembler Language		Pocket Guide	61	800-6203AP-02
Assembler Language	*	Reference	61	800-1200AS-03
Async Communications	*	Programmer's Guide	94	800-1325AI-01
ATMSWPS Conversion	*	Conversion Guide	61	800-1499TU-01
BASIC		Quick Reference	62	800-6205BQ-01
BASIC, Language	*	Language Reference	62	800-1202BA-04
BASIC, Programming		Course	60	VS30B
Batch Communication		User Guide	94	800-1305BC-01
COBOL	*	Complete Reference	63	800-1201CB-05
COBOL		Conversion Guide	62	800-1204CC-02
COBOL	*	Quick Reference	62	800-6200CP-04
COBOL	*	Course	63	VS28C
COBOL, Program Development		Course	61	VS30C
Concepts & Interactive		Introduction	65	800-1101PI-05
Emulation (3271)	*	User Guide	94	800-1306EM-02
Emulation (SNA 3274 & 3777)	*	General Description	94	800-1326SE-01
EZQUERY	*	Reference	63	800-1129EQ-01
File Management Utilities		Utilities Reference	63	800-1308FM-01
FORTRAN		Reference	63	800-1208FR-01
Inventory Management		Introduction	78	700-6555
KEYENTRY		Operator's Guide	64	800-1113KO-01
KEYENTRY		Supervisor's Guide	64	800-1114KS-01
MAILWAY	+	Administrator's Manual	88	700-7003.01
MAILWAY	*	Administrator's Manual	88	700-7099
MAILWAY	+	Implementation Guide	89	700-7119
MAILWAY	+	User Manual	88	700-6843A
MAILWAY	+	User Manual	88	700-6844A
MAILWAY		Course	86	VS14
Network//Config./Oper. Guide	*	User Guide	90	800-1317RO-01
Network/File Trans./Remote Logon	*	User Guide	90	800-1316RU-01
Operating System Services		Reference	64	800-1107OS-03
Operating System Services		Pocket Guide	64	800-6204OP-02
Payroll	*	Introduction	78	800-1451IH-02
Payroll		User Manual	77	P2A-116
Payroll I	*	Administrator's Manual	79	800-1488HY-01
Payroll I		User Manual	79	800-1452HU-01
Payroll/Personnel	PRE	Installation Guide	77	PPA-018
Pension		Introduction	78	800-1450IH-01
Pension		User Manual	77	PEN-052
Personnel		Introduction	78	800-1453HI-01
Personnel		User Manual	77	PER-054
PL/I Language	*	Reference	64	800-1209PL-02
Planning and Resource		Guide	63	700-6727
Procedure Language		Language Reference	65	800-1205PR-04
Procedure Language	*	Quick Reference	65	800-6201PP-03
Program Development Tools		Reference	65	800-1307PT-02
Programmer's Introduction		Course	65	VS25
Punched Card Reader		Utility Reference	62	800-1323CU-01
RPG II Conversion	*	Conversion Guide	66	800-1206RC-04
RPG II Language	*	Language Reference	66	800-1203RP-05
RPG II Program Development		Course	61	VS30R
Site Planning	*	Guide	26	700-5978C
Software Bulletin	*	Bulletin	66	800-3109
Subroutines	*	Reference	67	800-1315US-01
SYSGEN	*	Procedures	66	800-8201SP-05
Teletypewriter Emulation (TTY)	*	User Guide	94	800-1314TU-02
Teletypewriter Emulation (TTY)	*	User Guide	93	700-7553
Total	*	Reference	67	800-1123TR.01
Total	*	Pocket Guide	67	800-6207
Total	*	Course	67	DB10
USERSUBS	*	Reference	67	800-1315US-01

## DIVIDER PAGE

Utilities	*	Utilities Reference	67	800-1303UT-03
VS System		Machine instructions	64	800-1100PO-04
VS System		Management Guide	66	800-1104SM-03
VS System		Operation Guide	67	800-1102SO-06
VS-100		Technical Notes	67	800-3102-01
Word Processing		Introduction	68	800-1407IW-02
Word Processing Administrator		Course	60	VS12
<b>VS/IIS</b>				
Advanced Functions	*	Reference Guide	69	800-1122AR-01
ATMSWPS Conversion	*	Conversion Guide	61	800-1499TU-01
Decision Processing		Learning Guide	29	700-4614C
Ergonomic Workstations		Summary Card	39	700-7048
Glossary		Quick Reference	27	700-7194
Glossary		Training Workbook	29	700-6983
Graphics, Office	*	Primer	35	777-4003
Math Support		Student Handbook	30	700-7013
Math Support		Training Package	29	700-7014
Office Systems		Introduction	28	700-6944
Printer, Daisy		User Manual	40	700-5176B
Printer, Daisy		Summary Card	40	700-5257B
Printer, Wide Carriage	*	User Manual	40	700-5138E
Programming	*	Programmer's Guide	69	800-1304PW-04
Sort Option		User Manual	35	700-4672D
Twin Sheet Feeder		Procedures Summary	35	700-5268C
Twin Sheet Feeder		User Manual	36	700-4664D
Typesetter		Operating Instructions	69	800-1501TO-01
Word Processing	F,G	Introduction	28	700-6566
Word Processing		Introduction	68	800-1407IW-02
Word Processing		Manual	69	800-1110WS-01
Word Processing		Reference	26	700-7611
Word Processing	*	Training Card	26	777-4015
Word Processing	*	Training Guide	27	777-4010
Word Processing	*	Training Package	26	777-4002



## 2200 PRODUCT LINE

**2200 BASIC Disk Reference Manual**

This publication is a programmer's reference guide to the BASIC statements governing disk operations on the 2200T and earlier CPUs. It includes general procedures for addressing and accessing a disk drive under program control, discussions on Automatic File Cataloging and Absolute Sector Addressing modes, and syntax for all BASIC I/O statements.

**700-1309J**  
**\$25.00**  
**April 1979**

**2200 BASIC-2 Disk Reference Manual**

This publication is a programmer's guide to disk operations on 2200VP and 2200MVP systems, and as a reference for the BASIC-2 instructions governing disk operations. It includes the syntax for all BASIC-2 disk instructions. This document also describes the 2280 Disk Multiplexer, and includes discussions on installation procedures, multiplexer operation, and the use of Hog mode.

**700-4081G**  
**\$25.00**  
**July 1981**

**2200 BASIC-2 Error Codes Pocket Guide**

This pocket guide provides error code information for users of the Wang BASIC-2 language. For more detailed information, refer to the *Wang BASIC-2 Language Reference Manual (700-4080D)*.

**\***  
**700-7170**  
**\$ 5.00**  
**March 1982**

**2200 BASIC-2 Language Reference Manual**

This publication describes all facets of the BASIC-2 language, except Disk statements for the 2200VP, LVP, MVP, and SVP CPUs. It includes discussions on internal memory organization; the representation of data in internal format; system commands; errors and error recovery; addressing of peripherals; and the function, operation and proper syntax of each BASIC-2 statement. This manual is intended for all users, but some programming experience is needed to understand the more complex statements.

**700-4080D**  
**\$25.00**  
**January 1980**

**2200 BASIC-2 Language Pocket Guide**

This pocket guide provides information on the features of the Wang BASIC-2 language available on the 2200VP, MVP, LVP, and SVP systems. For more detailed information, refer to the *Wang BASIC-2 Language Reference Manual (700-4080D)*.

**700-5992**  
**\$ 3.00**  
**June 1980**

## **2200**

### **2200 BASIC-2 Utilities Reference Manual**

This manual describes the 2200 BASIC-2 utilities, a subset of the 2200 Operating System. The 2200 system utilities are programs that support and maintain functions commonly used for system control and file maintenance.

**700-6856**  
**\$15.00**  
**June 1981**

### **2200 BASIC-2 Multiuser Operating System (Release 2.4) Software Bulletin**

This bulletin describes the features and changes of Release 2.4 of the 2200 Basic-2 Multiuser Operating System. It includes general information on the system platter, a discussion on the function and operation of new BASIC-2 statements (DATE, TIME, \$DISCONNECT, and INPUT SCREEN), and a description of the Initialize Date and Time utility.

\*  
**700-7643**  
#  
**August 1982**

### **2200 BASIC-3 Language Reference Manual**

This publication is designed as a reference aid to the correct use of Wang 2200 BASIC-3.

\*  
**700-6868**  
#  
**October 1982**

### **2200 BASIC-3/COBOL System Operations Guide**

This manual is a guide to the use of the BASIC-3/COBOL operating system. It describes the operating system, the process of initializing the system, and system utilities.

\*  
**700-6870**  
#  
**September 1982**

### **2200 COBOL Coding Forms**

These are programmers' coding forms for 2200 COBOL. There are 50 forms per pad.

**700-6817**  
n/c  
**May 1981**

### **2200 COBOL Language Reference Manual (Release 1)**

This manual is designed as a reference aid to the correct use of Wang 2200 COBOL, Release 1.

\*  
**700-6869**  
**\$30.00**  
**August 1982**

### **2200 COBOL Language Reference Manual (Release 1) Addendum**

This addendum updates the 2200 Language Reference Manual (Release 1).

\*  
**700-6869.01**  
#  
**August 1982**

**2200 Data Collection Software Utility Manual**

This manual aids the vendor or analyst installing the 2200 Data Collection Software utility, which interfaces with Smart Clock devices. It includes introductory material about the utility and its functions, as well as Smart Clocks; it also explains how to use the utility and provides a technical overview of the software. This publication assumes an in-depth knowledge of Smart Clock devices.

**700-6553**  
**\$10.00**  
**February 1981**

**2200 DATAMERGE User Manual**

This manual provides instructions for using DATAMERGE on a Wang 2200 Series system. DATAMERGE selects and/or processes data from an IDEAS data file and merges the resulting data with a word processing pattern document.

**\***  
**700-6881A**  
**\$10.00**  
**March 1982**

**2200 3740 Diskette Compatibility Software User Manual**

This publication simplifies the programming requirements for applications using 3740 diskettes for data storage, retrieval, or updating. It includes software operating instructions for the utility programs and application programs.

**700-4369C**  
**\$ 5.00**  
**February 1979**

**2200 Envelope Feeder User Manual**

This publication describes the components and operation of the Wang Envelope Feeder designed for the 2200 product line. It includes instructions on mounting, loading, and operating the feeder, and discusses the programmable operation of the feeder on the Model 2281W Printer/Plotter.

**700-6833**  
**\$ 5.00**  
**June 1981**

**2200 General I/O Instruction Set Reference Manual**

This publication describes five BASIC statements in the General I/O instruction set for 2200T and earlier systems: \$GIO, \$IF ON, \$STRAN, \$PACK, and \$UNPACK. It is designed to serve as a companion to the *Wang BASIC Language Reference Manual (700-4080D)*.

**700-3514F**  
**\$10.00**  
**June 1977**

**2200 Graphic Utility System (GUS) Manual, Release 4**

This publication provides operating instructions and program descriptions of the Graphic Utility System's (GUS) modules. It does not discuss the operation of individual plotters.

**700-4335C**  
**\$10.00**  
**July 1980**

**2200 Application Generation Using IDEAS 2**

This course introduces the student to application program design and generation using IDEAS 2. Topics include design flow, data files/Hikam, menu programs, start programs, reports and batch programs, edit specifications, application buffer use and system utilities.

**Prerequisite:** The completion of the exercises in the *IDEAS Release 2 Familiarization Guide (700-6872)*.

**\***  
**IDEAS 2**  
**Course**  
**4 1/2 days**

## **2200**

### **2200 IDEAS (Inquiry Data Entry Access System) Familiarization Guide**

This publication supplements the *IDEAS User Manual* (700-5778B). It is designed to allow anyone to easily demonstrate the power of the system, and to help new users become familiar with the operation of the utilities.

**700-5939A**  
**\$10.00**  
**April 1980**

### **2200 IDEAS (Inquiry Data Entry Access System) User Manual**

This publication is designed for users with some programming experience. It includes an overview of IDEAS, a description of system initialization procedures, and explanations of each IDEAS utility: the Data File utility, the Application Initialization Program Generation utility, the Menu Program utility, the Screen Mask utility, the Data Entry/Inquiry/Update Program Generation utility, and the Report/Form Printing utilities.

**700-5778B**  
**\$15.00**  
**April 1980**

### **2200 Integrated Support System (ISS) User Manual, Release 2**

This publication discusses the ISS utilities and Screen/Disk subroutines, KFAM-3 and -4, the Disk Sort utility, the SORT-3 Disk Sort subsystem, and the ISS start-up (IPL) software. This version of ISS supports only BASIC (not BASIC-2) systems that are not disk multiplexed.

**700-3657D**  
**\$25.00**  
**May 1978**

### **2200 Integrated Support System (ISS) User Manual, Release 3.2**

This publication discusses the ISS utilities and Screen/Disk subroutines, KFAM-5, the SORT-4 Disk Sort subsystem, and the ISS start-up software. This version of ISS supports both BASIC and BASIC-2 systems (except the 2200LVP and MVP) whether disk multiplexed, or not.

**700-4254B**  
**\$25.00**  
**September 1978**

### **2200 Integrated Support System (ISS) User Manual, Release 5**

This publication discusses the ISS utilities and Screen/Disk subroutines, three versions of KFAM-7, the SORT-4 Disk Sort subsystem, and the ISS start-up software. This version of ISS is supported only for BASIC-2 systems.

**700-5010A**  
**\$25.00**  
**October 1979**

### **2200 ISS Release 2 Reference Card**

This folding pocket card summarizes the ISS Release 2 information.

**700-3872A**  
**n/c**  
**October 1980**

### **2200 ISS Release 5 Reference Card**

This folding pocket card summarizes the ISS Release 5 information.

**700-5560A**  
**n/c**  
**August 1980**

**2200 Matrix Statements Reference Manual**

This publication is a programmer's reference manual for the statements in the Wang BASIC Matrix instruction set (available on 2200T and earlier systems). The reader must be familiar with the general operation of the system hardware, and have a basic knowledge of Matrix operations and definitions, and BASIC programming. This manual is designed to serve as a companion to the *Wang BASIC Language Reference Manual (700-4080D)*.

**700-3332E**  
**\$10.00**  
**November 1977**

**2200 Plotter Demo User Manual**

This publication provides operating instructions for the Plotter Demonstration Package and is used to demonstrate the 2202, 2212, 2232 (English and Metric), 2272 (English and Metric), and Tektronix Plotters.

**700-4094**  
**\$ 5.00**  
**November 1976**

**2200 Plotter Utilities Manual**

This publication includes operating instructions and program descriptions for each Plotter Utility subroutine. It does not explain or discuss the operations of individual plotters. The reader should be familiar with the operation of the Plotter Utilities.

**700-3838D**  
**\$10.00**  
**June 1979**

**2200 Programmer's Guide to Word Processing**

This publication describes the programming tools available to users of Wang 2200 Word Processing software, such as Document Access subroutines. Also included are detailed steps to create a menu entry on one of the 2200 Word Processing menus, and to access the 2200 Word Processing systems from an application program.

**\***  
**700-6961**  
**#**  
**August 1982**

**2200 Programming in BASIC**

This publication is designed as a beginner's introduction to BASIC programming on 2200 systems. No prior knowledge of BASIC or programming is needed; only the most commonly used peripheral devices are discussed.

**700-3231G**  
**\$15.00**  
**March 1978**

**Introduction to BASIC Programming**

This course for programmers provides a working knowledge of BASIC. Topics include numbering systems, program storage and retrieval, data representations, input/output devices, computer (memory) storage, program development, program organization, flowcharting, print functions, decisions, looping, numeric and string functions, subroutines, lists, arrays, simple sorting, tables, special function keys, and an introduction to data files.

**VP30**  
**Course**  
**4 1/2 days**

**Prerequisite:** a general understanding of data processing; no programming background is needed.

## 2200

### **Programming with Data Files on Wang 2200VP**

This course for programmers uses BASIC-2 on the 2200 system. Topics include standard subroutines, program chaining, processing blocked and unblocked files, disk dumps interpretation, internal sorting and searching, simple key files, and file sorting.

**Prerequisites:** Introduction to BASIC Programming course (VP30), or programming experience in BASIC and operational experience on the 2200 system. (An equivalent can be learned in the first 19 chapters of *Programming in BASIC (700-323)*).

**VP40  
Course  
4 1/2 days**

### **2200 Report Program Language (RPL) User Manual**

This publication provides introductory material and detailed instructions for programming in RPL. It is intended for readers with little programming experience. Knowledge of the 2200 system, the BASIC language, and KFAM-3 are assumed.

**700-3766C  
\$20.00  
November 1979**

### **Sharing the Resources of a Wang 2200MVP/LVP System**

This course teaches programmers to use the full capabilities of the MVP/LVP system by sharing its resources. Topics include system configurations, BASIC-2 language extensions, global text and variables, background and foreground partitions, interpartition communication, queuing, sharing a printer, and sharing data files.

**Prerequisites:** Programming with Data Files on Wang 2200VP Course (VP40) or a working knowledge of BASIC.

**MVP50  
Course  
4 days**

### **2200LVP Introductory Manual**

This publication is designed to introduce new users to the 2200LVP. It contains a description of the system features and nominal components, the 2200LVP CPU, the interactive terminal, the system diskette drive, routine maintenance procedures, master initialization, multi-programming configuration (partition generation), execution of user diagnostics, and backing up the system platter. It also includes instructions on operating the 2200LVP.

**\*  
700-6164A  
\$15.00  
February 1982**

### **2200MVP Introductory Manual**

This publication introduces new users to the 2200MVP. It contains a description of the system features and nominal components, including the 2200MVP CPU, the interactive terminal, and the diskette drive. It also discusses routine maintenance procedures, master initialization, multiprogramming configuration (partition generation), extended memory organization, execution of the user diagnostics, and backing up the system platter.

**700-4693D  
\$10.00  
June 1981**



**2200 Software Catalog**

This publication presents abstracts of all software packages available on the 2200 Series product line, including business applications, statistical/scientific packages, and utilities. It also provides support status, necessary hardware, source program language, and ordering information.

700-6517  
n/c  
January 1981

**2200SVP Introductory Manual**

This publication describes the 2200SVP system and each of its integral components, including the 2200SVP CPU, the system diskette drive, and the CRT display; it also includes the keyboard routine maintenance procedures, system master initialization procedures, Program and Immediate mode operation of the system, user diagnostics, and error recovery procedures.

700-6163  
\$15.00  
February 1981

**2200VP Introductory Manual**

This publication introduces new users to the 2200VP. It contains a description of the basic system and each of its integral parts: the 2200VP CPU, the CRT display, the keyboard, and the disk drive. This manual also discusses routine maintenance procedures, master initialization, execution of the user diagnostics, and backing up the system platter.

700-4082A  
\$ 5.00  
April 1981

**2200 Word Processing Operator's Guide**

This publication provides word processing instructions for 2200/WP software users. It includes a basic system description; operating instructions; a description of all the keys and functions used for creating and editing most documents; error messages; prompts; and sample exercises.

\*  
700-6937A  
\$25.00  
October 1982

**2200 Word Processing Supervisor's Manual**

This publication provides instructions to the supervisor for loading 2200/WP software, configuring a 2200/WP system (creating volumes and libraries, and assigning terminal defaults, and printer and archive labels), and performing word processing-related supervisory functions.

700-6864A  
\$10.00  
September 1981

**Model 2207A I/O Interface Controller User Manual**

This publication contains information on the installation and operation of the controller. It includes programming techniques for the controller as well as information of interest to those responsible for interfacing an RS-232-C compatible, non-Wang device to a 2200 system.

700-3364C  
\$10.00  
July 1980

**Model 2209A Nine-Track Tape Drive User Manual**

This publication describes the hardware and operating characteristics of the Model 2209A Nine-Track Tape Drive. It also discusses the special \$GIO sequences used to control the tape drive.

\*  
700-4358B  
\$10.00  
April 1982

## **2200**

### **Model 2209A Nine-Track Tape Utilities Manual**

This publication contains operating instructions for the 2209A Nine-Track Utilities. It includes tape labels, primary routines, and subroutines. The reader should have some knowledge of the system and BASIC programming.

**700-4325A**  
**\$10.00**  
**March 1979**

### **Model 2231W-3 Matrix Printer User Manual**

This publication is designed for users already familiar with the available Wang system and its BASIC language. It includes operational features, general information, device selection, the SELECT statement, formatting printed output, and the use of HEX codes for the 2231W-3 matrix printer.

**700-4457A**  
**\$10.00**  
**March 1978**

### **Model 2231W-6 Matrix Printer User Manual**

This publication is designed for users already familiar with the available Wang system and its BASIC language. It includes operational features, general information, device selection, the SELECT statement, formatting printed output, and use of the HEX codes for the 2231W-6 matrix printer.

**700-5040**  
**\$10.00**  
**December 1978**

### **Model 2233 Line Printer User Manual**

This publication describes the Model 2233 Line Printer and instructs the user in its operation. It includes general information on the operational features of the printer, a description of printer selection methods, a demonstration of print formatting, and instructions on using the Direct Access Vertical Format Unit. Printer and paper specifications are also included.

**700-6854**  
**\$10.00**  
**August 1981**

### **Model 2235 Line Printer User Manual**

This publication describes the Model 2235 Line Printer and instructs the user in its operation. It contains general information on printer features, and describes the methods of selecting the printer for output. This manual also presents BASIC-2 statements used in formatting printed output, and illustrates the use of hex codes to control a variety of format and character attributes. It also discusses loading and unloading the Direct Access Vertical Format Unit. Printer and paper specifications are also included.

**700-6816**  
**\$10.00**  
**April 1981**

### **Model 2236DE Interactive Terminal User Manual**

This publication contains information on the installation and operation of the Model 2236DE Interactive Terminal. It includes a system overview; a discussion of terminal components, operations, and specifications; and the CRT character set. A discussion of programming techniques for manipulating the CRT display and invoking special graphics is also presented.

**700-5711B**  
**\$10.00**  
**June 1981**

**Model 2236DE User Manual Addendum**

This publication is designed as an addendum to the *Model 2236DE User Manual*. It provides information on the operation of the 2236DW terminal used with the 2200 Word Processing software.

**700-5711B.01**  
n/c  
**April 1981**

**2200 Model 2336DW Interactive Terminal User Manual**

This publication contains information on the installation and operation of the Model 2336 DW Interactive Terminal. It includes discussions of terminal components, operations, and specifications; of programming techniques for manipulating the CRT display, character attributes, special graphics, and alternate character sets; and of terminal/CPU interfacing, including both local and remote connections. Preventive maintenance information and procedures for changing transmission rates and device addresses is also included.

\*  
**700-7636**  
#  
**September 1982**

**Model 2245 Matrix Printer User Manual**

This publication is designed for users already familiar with Wang BASIC. It contains information on installation and operation of the 2245 printer, graphic screen reproductions, device selection, formatting printed output, and the use of hex codes.

\*  
**700-6866B**  
**\$10.00**  
**March 1982**

**Model 2250/Option 67 8-Bit-Parallel I/O Interface Controller User Manual**

This publication contains information about the installation and operation of the controller. It describes the controller features, the strobes, the signal levels for control of data input and output via the 36-pin Amphenol connector, and I/O operations using BASIC statements with built-in or customized signal sequences.

**700-3156B**  
**\$10.00**  
**February 1978**

**Model 2254 Interface User Manual**

This publication presents instructions for the operation of the Model 2254 IEEE-488 Interface. It includes the features of the Model 2254 Interface and I/O Connector pin assignments, an explanation of Interface messages and data operations, and programming techniques used with \$GIO statements.

**700-4136A**  
**\$ 5.00**  
**August 1980**

**Model 2260BC/2260C Disk Drive User Manual**

This publication provides information on the operation of the Model 2260BC and Model 2260C Series disk drives. It includes information about storage and retrieval on the disk, and specific operational data. This manual should be used in conjunction with the *Wang BASIC Disk Reference Manual (700-3159J)* or the *Wang BASIC-2 Disk Reference Manual (700-4081G)*.

**700-5102A**  
**\$ 5.00**  
**October 1980**

## 2200

### Model 2263 Line Printer User Manual

This publication is designed to answer questions about the operation of the Model 2263 printer. It includes information on device selection, the SELECT statement, how to format printed output, the use of hex codes, vertical format tape, the printer character set, and specifications. The reader should already be familiar with the Wang system and its BASIC language.

\*  
**700-4251B**  
**\$10.00**  
**February 1982**

### Model 2270 Series Diskette Drive User Manual

This publication contains information about the operation of the Models 2270, 2270A, and 2270A-D Series diskette drives. It includes discussions on information storage and retrieval on diskette, and specific operational data. The reader should use this manual in conjunction with the *Wang BASIC* (or *BASIC-2*) *Disk Reference Manual* (700-3159J, or 700-4080D).

**700-5107**  
**\$10.00**  
**February 1981**

### Model 2272-2 Digital Drum Plotter User Manual

This publication provides operating information on the Model 2272-2 Digital Drum Plotter. The reader should be familiar with the available system and its BASIC language.

**700-3869C**  
**\$10.00**  
**November 1979**

### Model 2273 Band Printer User Manual

This publication is designed for users already familiar with the available Wang system and its BASIC language. It includes operational features, general information, device selection, the SELECT statement, formatting printed output, the use of hex codes, the available character sets, and maintenance information for the Model 2273 printer.

**700-5726A**  
**\$10.00**  
**June 1980**

### Model 2280/2280N Disk Drive User Manual

This publication describes the operation of the 2280 Series disk-drives. It includes an overview of the disk hardware and the principles of disk operation. Specific operational data, disk drive specifications, and maintenance information are also presented. This manual should be used in conjunction with the *BASIC-2 Disk Reference Manual* (700-4080D).

**700-5216A**  
**\$ 5.00**  
**July 1980**

### Model 2281W Printer/Plotter User Manual

This publication is designed to guide the user in operating the Model 2281W Printer/Plotter. It contains general user information, describes device selection and the SELECT statement, demonstrates how to generate and format output with the PLOT and PRINT statements, and describes the use of the hex control codes for formatting output. Hex codes, the printer character set, and a description of the optional Bidirectional Forms Tractor and Twin Sheet Feeder accessories are also discussed.

\*  
**700-5744B**  
**\$10.00**

**Model 2281WC Printer/Plotter User Manual**

This publication guides the user in operating the Model 2281WC Printer/Plotter. It contains general user information, describes device selection and the SELECT statement, demonstrates how to generate and format output with the PLOT and PRINT statements, and describes the use of the hex control codes for formatting output. Hex codes, the printer character set, and a description of the optional Bidirectional Forms Tractor and Twin Sheet Feeder accessories are also discussed.

**700-6255**  
**\$10.00**  
**February 1981**

**Model 2282 Graphic CRT Plotter User Manual**

This publication provides information about the operation of the Model 2282 Graphic CRT Plotter. It is designed for those readers already familiar with the available system and its BASIC language.

**700-4627A**  
**\$10.00**  
**August 1980**

## **PROFESSIONAL COMPUTER**

### **The Wang Professional Computer Documentation Guide**

This publication enables a user of the Professional Computer to determine which manuals from the document set are required for a particular audience or application. This guide also includes a global index to the document set and a glossary for the reference document set.

\*  
**700-7589**  
#  
**November 1982**

### **The Wang Professional Computer Introductory Guide**

This publication provides an overview of the Wang Professional Computer, including a description of the system components and options. The basic procedures of Professional Computer operation, such as connecting the system and using the keyboard, disk drives, and printers, are explained. Additionally, the guide provides information on the fundamentals of computer operation, as well as an explanation of the Wang menus and system utilities used with the Professional Computer. Other topics covered in the guide include system diagnostics, system expansion, error messages, keyboard codes, and a Professional Computer glossary.

\*  
**700-75 90**  
#  
**November 1982**

### **The Wang Professional Computer BASIC Language Guide**

This publication describes all facets of the interpretive BASIC Language supported on the Wang Professional Computer. This guide provides the proper syntax for each BASIC statement, as well as a complete explanation of the function and operation of each statement.

\*  
**700-7592**  
#  
**November 1982**

### **The Wang Professional Computer Program Development Guide**

This publication is a programmer's guide to the technical features of the Wang Professional Computer. This guide describes the utility programs that can be used with the Professional Computer's compiled languages and assembler, including the Debugger, the Linker, the Editor, and the Library Manager. Technical information, including an explanation of the system architecture, the operating system, Disk I/O, interrupt mechanisms, and function calls is also provided.

\*  
**700-7593**  
#  
**November 1982**

### **The Wang Professional Computer Compiled BASIC Reference Manual**

This publication describes all facets of the compiled BASIC language as supported on the Wang Professional Computer. The manual provides the proper syntax for each BASIC statement, as well as a complete explanation of the function and operation of each statement.

\*  
**700-7594**  
#  
**November 1982**

**THE WANG PROFESSIONAL COMPUTER MULTIPLAN MANUALS**

**The Multiplan Training Guide**

This publication is a workbook for learning the Multiplan electronic spreadsheet software on the Wang Professional Computer. This workbook steps the user through the creation of a sample spreadsheet.

**The Multiplan Reference Guide**

This publication provides specific information on the commands, functions, and procedures necessary to use Multiplan effectively. This manual provides a comprehensive system overview of all Multiplan operations, detailed reference directories for commands, functions, and messages.

\*

**700-7600**

#

**November 1982**

**Set of 2 books**

**The Wang Professional Computer Communications Guide**

This guide consists of three parts. The first part, which does not require a technical background, describes how to use the teletypewriter emulation feature of the Wang Professional Computer to communicate with other computer systems, primarily via regular telephone lines. The second part, which also does not require a technical background, describes how to operate the Wang 2236DW Terminal emulation feature of the Professional Computer. The third part of the guide, intended for experienced programmers, describes the Programmer Support subroutines of the Professional Computer; these subroutines give a programmer the means to access a communications port and call assembly language subroutines.

\*

**700-7558**

#

**November 1982**

**THE WANG PROFESSIONAL COMPUTER WORD PROCESSING MANUALS**

**Reference Guide**

This publication, which assumes a basic knowledge of fundamental word processing concepts, serves as a reference to specific word processing operations. The guide includes a separate section for each of the major functions in word processing — formatting, editing, and printing. In addition, it includes information about glossary, and seeking help. Alphabetical lists of system prompts and error messages, with explanations and instructions, are also included.

\*

**700-7588**

#

**November 1982**

**Set of 2 books**

**Training Guide**

This publication, designed for users not familiar with Wang Word Processing, provides training exercises for the most commonly used word processing operations. This guide covers the basic elements of the word processing cycle: creating, editing, and printing documents. Additionally, the guide includes instructions for more advanced word processing features, including advanced formatting, text manipulations, word processing utilities, and glossaries.

## **VS**

### **VS Administrative Functions**

This course for VS users presents the functions, operations, and daily maintenance of a VS system. Topics include fundamental VS concepts and capabilities; command processor access to files, utilities, and devices; copy and display of disk files; VS Management utilities; responsibilities and privileges of the operator's console; security implementation; and disk preparation and maintenance of backup procedures.

**Prerequisites:** a knowledge of data processing fundamentals, previous computer operations experience, and an understanding of file and record concepts used in data processing.

**VS10  
Course  
4 1/2 days**

### **VS/WP Administrator**

This course for word processing managers and VS system supervisors discusses the operation and maintenance of a VS system in relation to word processing. Topics include VS system concepts; command processor access to files, utilities, and devices; responsibilities and privileges of the WP supervisor; disk preparation and maintenance; document and volume backup procedures; system security privileges and restrictions; and VS/WP utilities.

**Prerequisite:** a thorough knowledge of and experience with Wang word processing.

**VS12  
Course  
4 1/2 days**

### **Applications Design in the VS Environment**

This course for systems and programmer analysts provides techniques and procedures for designing and implementing application systems on the VS. Topics include DMS file structure, disk space allocation and usage, programming efficiencies, direct workstation I/O, SVC and Assembler subroutines, configuration file creation and maintenance, and a VS Operating System overview.

**Prerequisites:** VS Programmer's Introduction (VS25), Applications Programming in VS BASIC (VS30B), Application Program Development for VS COBOL (VS30C), Application Program Development for VS RPG II (VS30R), systems design experience, and a basic understanding of operating system principles.

**VS40  
Course  
4 1/2 days**

### **Applications Programming in VS BASIC**

This course for experienced BASIC programmers provides instructions for writing application programs on the VS. Topics include: general features of VS BASIC, programmer's utilities, workstation I/O, data management services, subroutines, communication with programs in other languages, and programming print files.

**Prerequisites:** Programmer's Introduction Course (VS25) and experience in BASIC.

**VS30B  
Course  
4 1/2 days**



**Application Program Development for VS COBOL**

This course for COBOL programmers discusses the differences between standard ANSI-74 COBOL and Wang VS COBOL extensions. Topics include programmer's utilities, workstation access, COBOL programming topics, and programming aids.

**Prerequisites:** VS Programmer's Introduction (VS25) and one year of recent COBOL programming experience.

**VS30C**  
**Course**  
**4 1/2 days**

**Application Program Development for VS RPG II**

This course for experienced RPG II programmers includes information on converting batch programs written in RPG II to the VS, developing new interactive data entry programs, and enhancing programs using Wang RPG II techniques. Topics include programmer's utilities, workstation access, RPG II programming techniques, and programming aids.

**Prerequisites:** VS Programmer's Introduction (VS25); and an RPG II programming background in file handling, table or array processing, and file updating.

**VS30R**  
**Course**  
**4 1/2 days**

**VS Assembly Language Pocket Guide**

This publication is designed as a reference for the machine instructions, assembler pseudoinstructions and macro-instruction language of the VS. It is intended for readers already familiar with the *VS Assembly Language Reference (800-1200AS-02)*.

**800-6203AP-02**  
**\$ 3.00**  
**May 1981**

**VS Assembly Language Reference**

This publication discusses the instructions and functions of VS Assembly language. It contains information about assembly, machine, macroinstruction, and conditional assembly instructions. It also discusses use of these instructions for addressing, program sectioning, and linking. Background information on coding conventions, language elements and structure, and the assembly/operating system relationship is supplied. Further discussion of the machine instructions is contained in *VS Principles of Operation (800-1100PO-04)*.

\*

**800-1200AS-03**  
**\$10.00**  
**September 1982**

**VS ATMSWPS Conversion Guide**

This publication provides step-by-step instructions that enable the user to install and run the ATMSWPS conversion program on the Wang VS. By using ATMSWPS, IBM/ATMS-11 users can easily convert existing ATMS text files to VS/WP document files that can be archived and retrieved on a Wang OIS, WPS, or VS/IIS system.

\*

**800-1499TU-01**  
**\$15.00**  
**February 1982**

## **VS**

### **VS ATMSWPS Conversion Guide Addendum**

This addendum defines an added option (Selective Copy) to the Copy ATMS Backup Tape to VS Disk function that allows selection of Operator IDs. The selective copy option provides the facility to copy documents belonging to a particular user or users.

\*

**800-1499TU-01.01**  
**n/c**  
**June 1982**

### **VS BASIC Language Reference**

This publication is designed as a reference guide for experienced programmers using Wang VS BASIC. It discusses the structure and format of VS BASIC source files, data types and operations, program control, and input/output operations. The manual also contains a detailed summary of syntax for each VS BASIC statement, with examples of usage.

\*

**800-1202BA-04**  
**\$10.00**  
**November 1982**

### **VS BASIC Quick Reference**

This publication lists all VS BASIC language syntax for functions, statements, logical operators, and compiler directives. It also contains additional programming information, including reserved words, file characteristics, file-status codes, and format specification characters. Because this document contains no in-depth explanations, readers are referred to the *VS BASIC Language Reference (800-1202BA-03)* for additional information.

**800-6205BQ-01**  
**\$ 5.00**  
**March 1981**

### **VS Card Reader Utility Reference**

This publication describes the Model 2244V VS Punched Card Reader and its two software components: READCARD and ACPCARD. It discusses how to display card data, how to create or extend a disk file for the cards, and how to create a print file for the cards. A list of error messages and a glossary are included.

\*

**800-1323CU-01**  
**\$10.00**  
**July 1982**

### **VS COBOL Conversion Guide**

This publication is intended as an aid for the programmer who is converting from IBM and other versions of ANSI-standard COBOL to Wang VS COBOL. The conversion process is discussed in terms of device compatibility, syntax requirements, data file considerations, control language, and possible logic changes. Syntactical differences between IBM COBOL and VS COBOL are also discussed.

**800-1204CC-02**  
**\$10.00**  
**July 1980**

### **VS COBOL Quick Reference**

This publication is designed as a reference, and includes VS COBOL syntax, reserved words, and workstation FAC values. Hexadecimal to decimal and EBCDIC to ASCII conversion charts are also included.

\*

**800-6200CP-04**  
**\$3.00**  
**January 1982**

**VS COBOL Reference**

This publication is a complete reference guide for VS COBOL, as well as a tutorial on VS-specific extensions of COBOL. It contains extensive program examples of VS workstation, disk, tape, and printer file processing, and changes to Advanced Sharing. It supports Release 3.05 of VS COBOL software.

**800-1201CB-05**  
**\$30.00**  
**March 1982**

**VS Introduction to COBOL Programming**

This course is designed for programmers without previous training in COBOL. The topics include identification division, environment division, data division, procedure division, file handling, program debugging (syntax and Interactive), editing and data manipulations, calculations, conditional statements, perform verbs, table handling, and structured programming techniques.

**Prerequisites:** Completion of VS10 Course or VS25 Course and exposure to programming languages.

\*  
**VS28C**  
**Course**

**VS Customer Planning and Resource Guide**

This guide serves as an aid for customers to insure a smooth installation by providing planning information and identifying available resources. Included are the Configuration Guide, Site Planning Guide, System Supplies Catalog, Service Policy, Training Recommendations, Procedural Considerations, and Customer and Support Resources.

**700-6727**  
**#**

**VS EZQUERY Reference**

This publication is intended for all levels of users. It describes VS EZQUERY, a facility that enables a user to retrieve and update data in one or more data files. It includes detailed information about the use of EZQUERY and a reference to the EZQUERY language.

\*  
**800-1129EQ-01**  
**November 1982**

**VS File Management Utilities Reference**

This publication is designed for use by both programmers and nonprogrammers. It describes the VS File Management utilities, a set of system programs that enable a user to define, create, maintain, and manipulate data files. Both conceptual and how-to-use information are included.

\*  
**800-1308FM-01**  
**\$25.00**  
**January 1982**

**VS FORTRAN Reference**

This publication is designed as a reference guide for experienced FORTRAN programmers. It contains sufficient examples and explanations for programmers experienced in other languages to learn VS FORTRAN. Compile and execution time assignment screens, supplied functions, and error messages are included in the appendices.

**800-1208FR-01**  
**\$15.00**  
**September 1981**

## **VS**

### **VS KEYENTRY Operator's Guide**

This publication is designed as a quick reference manual and a training guide for KEYENTRY operators. It includes an overview of the KEYENTRY operating system, an introduction to the VS workstation, and tutorial instruction for entering, verifying, and editing data.

**800-1113KO-01**  
**\$15.00**  
**May 1981**

### **VS KEYENTRY Supervisor's Guide**

This publication is designed for supervisors of KEYENTRY installations to explain the operation and administration of the KEYENTRY data entry software. Information about optional user-written programs for use with KEYENTRY is also included.

**800-1114KS-01**  
**\$15.00**  
**March 1981**

### **VS Operating System Services**

This publication is designed for the programmer/analyst. It discusses the VS Operating System software and the system components, such as virtual memory, control blocks, and paging. System macroinstructions, supervisor calls, and the VS Data Management System (DMS) are also discussed.

**800-1107OS-03**  
**\$20.00**  
**September 1981**

### **VS Operating System Services Pocket Guide**

This publication is designed as a reference to system macroinstructions, Control Mode commands, Program Control, I/O, and status words. It is intended for use by readers already familiar with *VS Operating System Services (800-1107OS-03)*.

**800-6204OP-02**  
**\$3.00**  
**December 1979**

### **VS PL/I Language Reference Manual**

This publication is designed as a reference guide for programmers using Wang PL/I; it also functions as a tutorial on language components, data types, storage classes, declarations, and attributes. Detailed discussions are supplied on PL/I I/O, and files and error handling; the syntax for each VS PL/I statement and examples of its usage are also included. This is reproduced by permission from *A Reference Manual for Standard PL/I*, copyright 1978, Translation Systems, Inc.

**\***  
**800-1209PL-02**  
**\$25.00**  
**November 1982**

### **VS Principles of Operation**

This publication describes the VS machine architecture and data organization, with special attention given to instruction execution, interrupts, and I/O operation. It documents the general machine instruction set and special operating system assist instructions. It also presents control mode, and describes the characteristics of all I/O device types, including workstations, printers, and disk and tape drives.

**800-1100PO-04**  
**\$25.00**  
**July 1981**

**VS Principles of Operation Addendum**

This addendum adds information about the VS 25 system to the existing VS Principles of Operation manual.

\*  
**800-1100PO-04.01**  
 n/c  
**October 1982**

**VS Procedure Language Quick Reference**

This publication is designed as a reference for the user already familiar with VS Procedure Language. It presents general forms of Procedure Language syntax, definitions of and restrictions on syntax elements, and characters and operators allowed in Procedure Language statements.

\*  
**800-6201PP-03**  
**\$1.00**  
**September 1982**

**VS Procedure Language Reference**

This publication describes the syntax rules of the VS Procedure language, which is the executing command language of the VS system. It is intended as a reference guide for user already familiar with the *VS Programmer's Introduction (800-1101PI-05)*.

\*  
**800-1205PR-04**  
**\$10.00**  
**July 1982**

**VS Program Development Tools Reference**

This publication describes in detail three utility programs used in the development of user programs: EDITOR, LINKER, and the Symbolic Debugger. It also describes the program file produced by the compilation of a source file.

\*  
**800-1307PT-02**  
**\$10.00**  
**June 1982**

**VS Programmer's Introduction**

This course for experienced programmers and system analysts provides instruction on the VS computer, including selected utilities and file management. Topics include VS hardware architecture, VS Operating System concepts, data management system concepts, file management utilities (Copy, Display, Control, Datentry, Inquiry, Report, Sort), program development utilities (EZFormat, Editor, Compiler, Linker, Debug), and Procedure language.

*Prerequisite:* 6 months of programming experience.

**VS25**  
**Course**  
**4 1/2 days**

**VS Programmer's Introduction**

This publication introduces the VS and discusses the basic concepts of interactive processing. The major topics discussed are the workstation, the command processor, system access and logon procedures, the file management hierarchy, and the system program library. This manual is intended as an introduction for every VS programmer.

**800-1101PI-05**  
**\$10.00**  
**April 1980**

**VS Programmer's Introduction Addendum**

This addendum describes the VS INFO facility (a Wang software facility designed to access on-line documentation).

\*  
**800-1101PI-05.01**  
 n/c  
**June 1982**

**VS RPG II Conversion Guide**

This publication provides information concerning the conversion of source programs and data files from IBM System 3, 32, or 34 installations to a Wang VS. Topics include media conversions, equipment, system differences, and control languages.

\*  
**800-1206RC-04**  
**\$10.00**  
**June 1982**

**VS RPG II Language Reference**

This publication is designed as a reference for programmers preparing RPG II specifications for the VS system. It provides an introduction to RPG II implementation on the VS, and includes discussions of workstation characteristics, RPG II program logic, compiler cross-reference listings, enhanced DEBUG operation, workstation extensions, and VS advanced sharing facilities for RPG II users. Specifications for header, file description, extension, line counter, input, calculations, output, workstation, and alternate-key coding sheets are included.

\*  
**800-1203RP-05**  
**\$15.00**  
**June 1982**

**VS RPG II Language Reference Addendum**

This addendum describes some new file access extensions, PF keys 17-32 support, variable row support and other specifications enhancements.

\*  
**800-1203RP-05.0IP**  
#  
**October 1982**

**VS Software Bulletin — Release 5.3**

This publication describes the changes and additions made to the VS Operating System for Release 5.3. Only those Operating System features that are new since Release 5.01 are described in this document. Included are changes or enhancements to the Operating System, Operating System performance, RPG II, word processing, and telecommunications. Descriptions of new devices and corrected software problems are also included. This bulletin also contains a list of supported devices.

\*  
**800-3109**  
n/c  
**October 1982**

**VS SYSGEN Procedure (Release 5.01)**

This publication describes the software and the steps taken in configuring and generating a VS system. This information applies to systems running operating systems of Release 5.01 or higher.

\*  
**800-8201SP-05**  
n/c  
**July 1982**

**VS System Management Guide**

This publication is designed for use by system security administrators. It discusses the VS file protection and security system, along with the Backup utility and SYSGEN operations. File protection classes, the system user list, special privilege program files, the Logon procedure, and BACKUP execution are also discussed.

**800-1104SM-03**  
**\$5.00**  
**December 1980**

**VS System Operation Guide**

This publication is designed for use by operations personnel. It discusses the system functions accessible from the operator's console, including printer allocation and control, job queue control and print queue control, and the role of the operator's console in Control mode. Also included are operational characteristics of peripherals (printers, disk drives, and tape drives) and device specifications.

**800-1102SO-06**  
**\$10.00**  
**June 1981**

**VS System Utilities Reference**

This publication describes the utilities that perform the support tasks involved in VS program and file processing. The file transfer, Display, Print, and Sort utilities are described, as well as the facilities provided for disk and tape initialization and integrity checking. This manual is a revision of the previous version and describes changes to 15 out of 20 system utilities.

\*  
**800-1303UT-03**  
**\$25.00**  
**January 1982**

**Introduction to VS TOTAL**

This course focuses on the implementation of TOTAL and programming techniques on the VS. Topics include DBMS concepts, database design techniques, TOTAL concepts and facilities, implementation of TOTAL, data definition language, data manipulation language, performance and programming guidelines, and data recovery procedures.

**Prerequisite:** The completion of the *Wang VS30C* or *VS30R* courses.

\*  
**DB10**  
**Course**  
**4 1/2 days**

**VS TOTAL Reference Guide**

This publication describes the TOTAL Data Base Management System, as implemented on the Wang VS. It discusses the general concepts of a TOTAL data base, and provides complete user information on the TOTAL Data Definition language, the TOTAL Data Manipulation language, and implementation of TOTAL on the VS.

**Prerequisite:** familiarity with the VS system and general data base concepts.

\*  
**800-1123TR.01**  
**\$25.00**  
**July 1982**

**VS TOTAL Pocket Guide**

This publication provides a summary of the TOTAL DBMS syntax, organized for quick reference use.

\*  
**800-6207**  
**#**  
**October 1982**

## **VS**

### **VS-100 Technical Notes**

This publication provides a technical summary of the Wang VS-100 computer system in terms of its architecture, capabilities, and flexibility in applications. Comparisons between the VS-80 and VS-100 systems are made throughout the publication.

**800-3102-01**  
**n/c**  
**February 1981**

### **VS USERSUBS Reference**

This publication describes the USERSUBS subroutines that allow programmers to access SVC's from higher-level language programs.

**\***  
**800-1315US-01**  
**#**  
**September 1982**

### **WA3451 Asynchronous/Synchronous Modem User Manual**

This publication describes the installation and operation of the WA3451 Asynchronous/Synchronous Modem. It also includes information on diagnostic testing, and the use of the modem with Wang 2200, VS, OIS, Word Processing, and Wangwriter systems.

**\***  
**700-6975**  
**\$ 5.00**  
**April 1982**

### **VS/WP Introducing Word Processing on the VS**

This publication is designed to introduce word processing operators and supervisors to word processing on the VS. It introduces word processing capabilities on the VS, describes the basic VS hardware, and explains how to access word processing from a VS workstation. A brief introduction to data processing on the VS is also included.

**800-1407IW-02**  
**\$ 3.00**



## VS/IIS

**VS/IIS Advanced Functions Reference Guide**

This publication is a convenient reference to the VS/IIS Word Processing Utilities. The guide contains a listing of common keystrokes, operating instructions for using password protected documents as input documents, and a discussion of the VS/IIS Utilities menu.

\*

**800-1122AR-01**

#

**September 1982****VS/IIS Supervisor's Procedures**

This publication provides instructions for administering a word processing group. It reflects Release 5.1 of the VS Operating System and Release 1.03 of VS Word Processing software. This document replaces the previous edition and addendum. Some of the major changes include enhancements to the COPYWP utility, a new Word Processing Utilities menu, and a new LISTWP utility.

\*

**800-1110WS-02****\$25.00****October 1982****VS/IIS 5548Z Typesetter Operating Instructions**

This publication provides instructions for operating the the 5548z typesetter. It describes how to access the font catalog and character set documents, discusses the steps for preparing a document for photocomposition input, gives an example of converting data processing files for typesetting, and lists the common structures and entries in the font catalog.

**800-1501TO-01****\$ 5.00****September 1981****VS Programmer's Guide To VS/IIS**

This publication is designed for the VS programmer requiring access to word processing documents in the data processing environment. It provides reference information on the Document Access subroutines, which enable a programmer to manipulate VS word processing documents through an Assembler, BASIC, COBOL, or PL/I program. The manual describes the function of each subroutine; provides a description of the subroutine argument, subroutine restrictions, and requirements; and supplies programming examples. Two VS/IIS utilities that operate in the data processing environment (COPYWP and LISTWP) are also described.

\*

**800-1304PW-04****\$35.00****September 1982**

**Prerequisites:** a knowledge of VS Assembler, BASIC, COBOL, or PL/I, a familiarity with the VS programming environment, and a basic knowledge of VS word processing.

# DATA SHEETS

## 2200 PRODUCT LINE DATA SHEETS

BASIC-3 Data Sheet .....	700-6815
COBOL Data Sheet .....	700-6814
Data Collection Software Utility Data Sheet .....	700-6204A
DATAMERGE Data Sheet .....	700-6859
IDEAS (Inquiry Data Entry Access Method) Release 2 Data Sheet .....	700-6603
ISS Data Sheet .....	700-6161
Powerful Resource for Information and System Management (PRISM) Data Sheet .....	700-7011
<b>F</b> Powerful Resource for Information System Management (PRISM) Data Sheet (French Edition) .....	700-7081
2200 DW/22-20 Daisy Printer Data Sheet .....	700-7005
<b>F</b> 2200 DW/22-20 Daisy Printer Data Sheet (French Edition) .....	700-7053
2200 Ergo-2 Workstation Data Sheet .....	700-6874
2200 Optional Furniture Data Sheet .....	700-5134
2200 Peripherals Data Sheet .....	700-6820
2200 Word Processing Software Data Sheet .....	700-6560
2200LVP/LVPC Product Data Sheet .....	700-5796D
<b>F</b> 2200LVP/LVPC Product Data Sheet (French Edition) .....	700-7078
2200MVP Data Sheet .....	700-4656F
<b>F</b> 2200MVP Data Sheet (French Edition) .....	700-7084
2200MVP and LVP Systems Option C Data Sheet .....	700-6832
2200SVP Product Data Sheet .....	700-5974B
2200VP Central Processing Unit (CPU) Data Sheet .....	700-4051C
2209A Nine Track Reel-to-Reel Magnetic Tape Drive Data Sheet .....	700-4261
2211M Printer Multiplexer Data Sheet .....	700-5224A
2230MXA-1/MXB-1 Data Sheet .....	700-3740E
2231W-3 Line Printer Data Sheet .....	700-4375C
2231W-6 Line Printer Data Sheet .....	700-4677B
<b>F</b> 2233 Line Printer Data Sheet (French Edition) .....	700-7056
2235 Line Printer Data Sheet .....	700-6565A
<b>F</b> 2235 Line Printer Data Sheet (French Edition) .....	700-7062
2236 Interactive Terminal Data Sheet .....	700-7151
2236DE Interactive Terminal Data Sheet .....	700-5544B
2236DW Integrated Terminal Data Sheet .....	700-6564A
2236MXD Terminal Processor Data Sheet .....	700-4807C
2236MXE Terminal Processor Data Sheet .....	700-6976
2245 Matrix Printer Data Sheet .....	700-6873A
<b>F</b> 2245 Matrix Printer Data Sheet (French Edition) .....	700-7041
2247V 4 Modem Sharing Unit Data Sheet .....	700-7074
2252A Scanning Input Interface Controller Data Sheet .....	700-3532C
2260BC Fixed/Removable Disk Drive Data Sheet .....	700-4819C
2260C Fixed/Removable Disk Drive Data Sheet .....	700-4692B
2263 Line Printer Data Sheet .....	700-4149C
2272-2 Digital Drum Plotter Data Sheet .....	700-3826F

## DATA SHEETS

### 2200 PRODUCT LINE DATA SHEETS (cont.)

2273 Band Printer Data Sheet .....	700-5217A
2280/2280N Disk Multiplexer Data Sheet .....	700-5931
2280/2280N Fixed/Removable Disk Drive Data Sheet .....	700-4843C
2281W Printer/Plotter Data Sheet .....	700-5743A
2281WC Printer/Plotter Data Sheet .....	700-5950A
2282 Graphic CRT Data Sheet .....	700-4378C
2336 DW Integrated Terminal Data Sheet .....	700-7151

### VS PRODUCT LINE DATA SHEETS AND USER AIDS

#### DATA SHEETS

VS Disk Drives Data Sheet .....	800-2504-02
VS Ergo 2 Ergonomic Data Sheet .....	800-2500-01
VS EZQUERY Data Sheet .....	800-2113-01
VS Graphics Facility Data Sheet .....	800-1446-01
VS Ideographic Data Processing System (Chinese) Data Sheet .....	800-2502-01
VS Ideographic Data Processing System (Japanese) Data Sheet .....	800-2501-01
VS KEYENTRY Data Sheet .....	800-2300-01
VS/IIS List Management Data Sheet .....	800-2407LM-01
VS/IIS Readability Index Generator Data Sheet .....	800-2406RI-01
VS/IIS 5548z Typesetter Data Sheet .....	800-2110-01
VS Languages Data Sheet .....	800-2201-07
VS MATHPLANNER Data Sheet .....	800-1484-01
VS Printers Data Sheet .....	800-2507-01
VS Processors Data Sheet .....	800-2105-03
VS Punched Card Reader Data Sheet .....	800-2506-01
VS System Software Data Sheet .....	800-2101-04
VS Tape Drive Data Sheet .....	800-2505-01
VS Workstations Data Sheet .....	800-2503-01
VS/WP Integrated Information System Data Sheet .....	800-2103-04
VS25 and VS45 Data Sheet .....	800-3107-01

#### USER AIDS

(VS User Aids are programs that perform a variety of functions. Each User Aid document provides a conceptual understanding of and instructions for the use of each program.)

* VS User Aid COMPUTE .....	800-3301CP-02
* VS User Aid MAIL .....	800-3302MA-01
* VS User Aid PRINTIBM .....	800-3308PI-01
* VS User Aid PRINTVS .....	800-3303PR-01
* VS User Aid LIBRXREF .....	800-3309XR-01

\*VS User Aids are available through the International Society of Wang Users (ISWU). Please see the ADDITIONAL INFORMATION on the inside back cover for the ISWU address.

**NOTES**

**APPLICATION SOFTWARE**

<b>SOFTWARE APPLICATION PRODUCT</b>	<b>CODE</b>	<b>DESCRIPTION</b>	<b>PAGE</b>	<b>NUMBER</b>
---	-------------	--------------------	-------------	---------------

**This divider page contains only the listings contained within this section.**

Accounts Payable/Gen Ledger		System Manual	75	700-6203A
Analysis of Covariance		User Manual	75	700-4626
Analysis of Variance (ANOVA)		Operator's Guide	75	700-3867C
Bill of Material System		System Manual	75	700-6508
Bioassay and Probit Analysis		User Manual	75	700-4602A
Finance/Utilities/Games		Program Library	77	700-3119D
GBS Release 2		Introduction	78	700-6822
GBS Release Reports 2 Sample		Reports Manual	75	700-6554
GBS/MVP		System Manual	76	700-5926
GBS/MVP MODs I-IV		Technical Guide	76	700-5022B
GBS/MVP MOD III		User Manual	76	700-5701
Internal Sales Reporting		User Manual	78	700-4836A
Inventory Management		Introduction	78	700-6555
Invoicing, Accts, Order Entry, Inventory Control		User Manual	76	700-5772A
Math General Program		Program Library	77	700-3118E
Math Support		User Manual	30	700-4671E
Math Support		User Manual	29	700-4732D
Math Support	*	Reference	23	700-7152
Math Support		Student Handbook	30	700-7013
Math Support		Training Package	29	700-7014
Multiple Comparison Tests		User Manual	79	700-4460A
Payroll	*	Introduction	78	800-1451IH-02
Payroll		User Manual	77	P2A-116
Payroll I	*	Administrator's Manual	79	800-1488HY-01
Payroll I		User Manual	79	800-1452HO-01
Payroll Master File		Input Forms	79	700-4745A
Payroll System	*	Reference	76	700-5927A
Payroll System		User Manual	76	700-5759A
Payroll/Personnel	PRE	Installation Guide	77	PPA-018
Pension		Introduction	78	800-1450IH-01
Pension		User Manual	77	PEN-052
Personnel		Introduction	78	800-1453HI-01
Personnel		User Manual	77	PER-054
PROMIS		Demonstration Guide	79	700-6160
RadiolmmunoAssay Data (RIADS)		Operator's Manual	79	700-4231B
Regression Analysis		User Manual	79	700-3859C
Retail Business System		Demonstration Guide	80	700-5587
Sequential Analysis		User Manual (Diskette)	80	700-3666C
Statistics/Engineering		Program Library	77	700-3120E
Text Editing Utilities		User Manual	80	700-4043D
Structors & Error Messages				
Wanglaw		Pocket Guide	80	700-6501
Wanglaw		User Manual	81	700-6244
Wanglaw Forms		Package of Forms	80	700-6946
Wanglaw Management		Attorneys	80	700-6552A
Wanglaw Sample Reports			80	700-6233A

**NOTES**

## **APPLICATION SOFTWARE**

### **Analysis of Covariance User Manual**

This publication is designed to aid the clinician or researcher in operating the Analysis of Covariance System. It includes an overview, definitions of terms, descriptions of formulas, sample output, and other information needed to operate the system.

**700-4626**  
**\$10.00**  
**October 1980**

### **Analysis of Variance (ANOVA) User's Manual (Diskette, Minidiskette)**

This publication is designed as an operator's guide to the programs and utilities in the ANOVA package. It includes a system overview, operating instructions for program selection and prompts, formulas, restrictions, error messages and suggested recovery, and five Utility programs (Copy/Verify, Scratch, Dimension, List Catalog, and Applications).

**700-3867C**  
**\$25.00**  
**May 1981**

### **Bioassay and Probit Analysis User Manual**

This publication is designed to aid the user in the operation of Bioassay and Probit Analysis System. It includes an overview, operating instructions, output samples, label and abbreviation descriptions, definitions of terms, and system procedures.

**700-4602A**  
**\$10.00**  
**September 1980**

### **GBS Release 2 Sample Reports Manual**

This publication demonstrates the varied reporting capabilities of GBS Release 2 to prospective GBS customers. Following a brief system overview and a discussion of Release 2 enhancements, the manual presents a sample printout of each report in the system, accompanied by a brief description. Report presentations are organized by the seven GBS modules: Order Entry/Processing, Invoicing & Accounts Receivable, Inventory, Accounts Payable, General Ledger, Payroll, and Bill of Material.

**700-6554**  
**\$10.00**  
**February 1981**

### **GBS Release 2 Accounts Payable/General Ledger System Manual**

This publication is designed to be a software consultant's reference guide for the records, terms, and programs of the GBS Release 2 Accounts Payable/General Ledger System. It contains a system overview and flowchart, record layouts, field descriptions, essential technical details, and detailed program narratives. Also included are program, file, and variable cross-reference charts.

**700-6203A**  
**\$10.00**  
**January 1981**

### **GBS Release 2 Bill of Material System Manual**

This publication is designed to be a software consultant's guide for the records, terms, and programs of the GBS Release 2 Bill of Material (BOM) System. It includes BOM system narratives, record layouts, field descriptions, a series of cross-reference charts for file and subroutine usage, and detailed program narratives for each BOM program.

**700-6508**  
**\$10.00**  
**January 1981**

## **APPLICATION SOFTWARE**

### **GBS Release 2 Invoicing, Accounts Receivable and Order Entry, Inventory Control User Manual**

This publication provides user information for the Invoicing, Accounts Receivable, Order Entry, and Inventory programs of GBS Release 2. It includes overall information, installation guidelines, and specific program information. One chapter is dedicated to each program, and provides an overview, data entry information, and a sample screen display.

**700-5772A**  
**\$25.00**  
**February 1981**

### **GBS Release 2 Payroll User Manual**

This publication provides operating instructions for the programs contained within the GBS Release 2 Payroll System. It includes overall operational notes, start-up procedures, program selection, and operating instructions.

**700-5759A**  
**\$25.00**  
**November 1981**

### **GBS/MVP Payroll System Manual**

This publication is designed as a software consultant's reference guide for the records, terms, common variables, and programs of the GBS/MVP Payroll System. It includes a system overview and flowchart, the subroutines used by the Payroll System, the purpose and contents of the payroll data files, record layouts and descriptions of each field, and the charts and tables used by the system for calculations.

**\***  
**700-5927A**  
**\$25.00**  
**June 1982**

### **GBS/MVP System Manual (Interim)**

This publication is designed as a software consultant's reference guide for the records, terms, common variables, and programs of the GBS/MVP Accounts Receivable, Invoicing, Inventory, and Order Entry Systems. This manual includes definitions of terms and codes used by the systems, record descriptions, and program descriptions.

**700-5926**  
**\$25.00**  
**April 1981**

### **GBS/MVP MOD III User Manual**

This publication provides operating instructions for the programs contained within GBS/MVP MOD III. It includes the start-up procedure, program selection, operational notes, operating instructions, a glossary of terms, and a description of the codes used for financial reporting.

**700-5701**  
**\$25.00**  
**August 1979**

### **GBS/MVP MODs I-IV Technical Guide, Release 2**

This publication is designed to serve as the consultant's introduction to the second release of GBS/MVP. It provides a system overview; and information on programs, files, subroutines, and operational functions. More detail on these subjects is included in the GBS/MVP system manuals. Also included is the setup procedure (initializing, and building files, establishing certain starting numbers, and initializing KFAM.

**700-5022B**  
**\$ 5.00**  
**December 1979**



**GLBR 22 — Mathematics General Program Library**

This publication contains operating instructions for a collection of math programs of varying complexity. These programs demonstrate the versatility of the 2200 system.

**700-3118E  
\$25.00  
July 1981**

**GLBR 22A — Statistics/Engineering General Program Library**

This publication contains operating instructions for statistics and engineering programs of varying complexity. These programs demonstrate the versatility of the 2200 system.

**700-3120E  
\$25.00  
November 1981**

**GLBR 22B — Finance/Utilities/Games General Program Library**

This publications contains operating instructions for a collection of finance, utility, and game programs of varying complexity. These programs demonstrate the versatility of the 2200 system.

**700-3119D  
\$25.00  
August 1981**

**HRMS Payroll User Manual Wang VS (Interim)**

This publication is designed for all users of the HRMS Payroll System. This manual includes an overview as well as operational notes for both the software and the VS. It also contains information concerning the function and data entry procedures for each of the following topics: employee and pay group setup, earnings, deductions, control transactions, changes and adjustments, transfers and deletions, special processing, and Phase I and II reports.

**P2A-116  
\$40.00  
January 1980**

**HRMS Payroll/Personnel Installation Guide (Wang VS)**

This publication is designed as a guide to those who install the Wang VS Payroll/Personnel System. It includes step-by-step instructions for installation, restoration of HRMS libraries from tape to disk, generation of customized Procedure language statements, establishment of a valid HRMS user list, implementation of a backup strategy, and testing the system.

**PPA-018  
n/c  
September 1980**

**HRMS Pension User Manual Wang VS (Interim)**

This publication is designed for the data entry clerk and the pension supervisor. It includes a brief description of each application function; information on correcting data entry functions and accessing each screen; and the valid parameters and format for each field.

**PEN-052  
\$20.00  
February 1980**

**HRMS Personnel User Manual Wang VS (Interim)**

This publication is designed for all possible users of the HRMS Personnel System. Each chapter provides an overview, screen displays, and operating instructions for one procedure. HRMS Personnel and Wang VS features, terminology, and operational guidelines are also included.

**PER-054  
\$20.00  
December 1980**

## **APPLICATION SOFTWARE**

### **Internal Sales Reporting System User Manual**

This publication is designed to aid the salesperson or area administrative assistant in operating the Internal Sales Reporting system. It includes an introduction, initialization procedures, operating instructions, and sample forms and reports.

**700-4836A**  
**\$ 5.00**  
**February 1981**

### **Introducing GBS Release 2**

This publication provides a general description of the features and benefits of GBS Release 2. Each application is introduced in a basic outline including lists, diagrams, and sample reports. Illustrations accompany a brief overview of the available 2200 hardware used by GBS Release 2. The package number of each application is included with the minimum required 2200 hardware configuration for each.

**700-6822**  
**\$10.00**  
**May 1981**

### **Introducing HRMS Payroll**

This publication is designed to introduce payroll and finance executives to HRMS Payroll processing on the Wang VS computer. Each subsystem in the payroll cycle is discussed, and the various reports generated by the system are described.

**\***  
**800-1451IH-02**  
**n/c**  
**January 1982**

### **Introducing HRMS Pension**

This publication is designed to introduce benefits administrators to HRMS Pension. It includes an overview of both the HRMS Pension System and the VS computer, as well as information about processing flow, subsystems, reports, installation, and support. Sample reports are also provided.

**800-1450IH-01**  
**n/c**  
**January 1981**

### **Introducing HRMS Personnel**

This publication provides human resource managers with an introduction to HRMS Personnel on the Wang VS. It includes an overview of the HRMS Personnel System, a description of both HRMS Personnel and VS features, and a brief overview of the subsystems comprising HRMS Personnel. A series of report descriptions and sample reports illustrate the power, flexibility, and versatility of HRMS Personnel.

**800-1453HI-01**  
**n/c**  
**September 1981**

### **Inventory Management System Release 2 User Manual**

This publication presents operating instructions for the Inventory Management System (IMS) Release 2 software package. It discusses the capabilities of the system, and supplies technical information for system installation and modification. IMS is described both as a stand-alone system, and as it is integrated with the Wang General Business System (GBS).

**700-6555**  
**\$20.00**  
**January 1981**

## APPLICATION SOFTWARE

### **Multiple Comparison Tests User Manual**

This publication is designed to help the user operate the Multiple Comparison Tests System. It includes an overview, operating information, sample output, descriptions of the labels and abbreviations, and formulas for each test.

**700-4460A**  
**\$10.00**  
**December 1981**

### **Payroll Master File Input Forms**

These forms allow the operator to enter employee information on the Payroll master file. The package contains the input forms for one employee. Use of these forms is strongly recommended when building the Payroll master file.

**700-4745A**  
**#**  
**April 1981**

### **Payroll I System Administrator's Manual**

This publication is intended for system administrators responsible for maintaining, configuring, and installing HRMS Payroll I Systems. It includes a system overview, program narratives, and information needed to maintain program files. Distribution of this manual is limited to customers who have signed a Software License Agreement.

**\***  
**800-1488HY-01**  
**\$20.00**  
**January 1982**

### **Payroll I User Manual (Wang VS)**

This publication provides step-by-step instructions on operating the Payroll I System.

**800-1452HU-01**  
**\$20.00**  
**June 1981**

### **PROMIS Demo Guide**

This publication is designed to aid the salesperson in running the PROMIS Demo. It includes an overview of the system, instructions for both the standard and a short demo, and installation procedures.

**700-6160**  
**n/c**  
**July 1980**

### **RadiolmmunoAssay Data System (RIADS) (Diskette) Operator's Manual**

This publication is designed to aid the user in operating the RIADS System. It includes an overview; definitions and formulas; descriptions of techniques; and operating instructions for Hepatitis Associated Antigen, T-3 Uptake, and Input/Output tests. Sample output is also included.

**700-4231B**  
**\$10.00**  
**December 1980**

### **Regression Analysis User Manual**

This publication is designed to aid the user in operating the Regression Analysis System. This manual includes general background information and notes; a restrictions table; formulas; descriptions and operating instructions for Input Data File Creation, Update, Output Routines, and eight utilities; error messages; and scaling techniques for plotting output routines.

**700-3859C**  
**\$25.00**  
**January 1981**

## **APPLICATION SOFTWARE**

### **Retail Business System Demo Guide**

This publication is designed to aid the salesperson in running the Retail Business System Demo. It contains an introduction for both the demo and the Data Terminal System, start-up and program selection instructions, an explanation of the Retail Business System menus and programs, and sample reports. Also included is ANS-R-TRAN information and a list of DTS Series 500 Reports.

**700-5587**  
#  
**August 1979**

### **Sequential Analysis (Diskette) User Manual**

This publication is designed to aid the user in operating the Sequential Analysis System. It contains a description of the methods and formulas used in each of the seven programs, as well as instructions for running these programs.

**700-3666C**  
**\$15.00**  
**September 1980**

### **2200 Text Editing Utilities User Manual**

This publication provides operating instructions for the Text Editing Utilities programs. Familiarity with the 2200 systems is helpful, but not required.

**700-4043D**  
**\$20.00**  
**September 1979**

### **Wanglaw Forms Kit**

This kit contains a packet of forms that are suggested for use with Wanglaw. The kit includes input forms for the Control, Glossary, Attorney, Client, and master file; sample time and disbursement sheets; a daily log; a system access chart; and a password security input form.

**700-6946**  
**\$ 5.00**  
**October 1981**

### **Wanglaw Management Guide**

This publication is designed to help attorneys install the Wanglaw system on their OIS. It explains concepts, parameters, and the impact of certain choices on Wanglaw reporting. Distribution of this document is limited to those customers who have signed a Software License Agreement.

**700-6552A**  
**\$25.00**  
**March 1981**

### **Wanglaw Pocket Guide**

This publication is designed for use by a Wanglaw System operator. It summarizes Wanglaw's functions, defines special function keys and terms, and explains Wanglaw system prompts and error messages. More detailed information can be obtained from the *Wanglaw User Manual (700-6244)* and the *Wanglaw Management Guide (700-6552A)*. Distribution of this document is limited to 10 copies per request.

**700-6501**  
**\$ 3.00**  
**January 1981**

### **Wanglaw Sample Reports Manual**

This publication is designed to demonstrate the various reporting capabilities of the Wanglaw System. It includes a brief system overview, a sample printout of each report, and a brief description of the report.

**700-6233A**  
**\$ 5.00**  
**October 1981**

### **Wanglaw User Manual**

This publication is designed for use by Wanglaw System operators. It provides the user with step-by-step instructions on data entry, file maintenance, and report generation. Sample input forms and reports are given where applicable. Distribution of this manual is limited to customers who have signed a Software License Agreement.

**700-6244**  
**\$20.00**  
**February 1981**

**APPLICATION SOFTWARE DATA SHEETS AND APPLICATION SHEETS**

CP/M-80 Data Sheet .....	700-7682
Document Builder Data Sheet .....	700-7188
Document Summary Collection Application Sheet .....	700-6118A
Graphic Utility System (GUS) Application Sheet .....	700-4322A
HRMS Payroll 1 Application Sheet .....	800-3402SH-01
HRMS SUPER Payroll Application Sheet .....	800-2403SH-01
HRMS SUPER Personnel Application Sheet .....	800-2404SH-01
HRMS SUPER Pension Application Sheet .....	800-3401SH-01
Management Statistics System Application Sheet .....	700-6503
Mathematics Support Package Application Sheet .....	700-5096A
OIS Advanced Functions Application Sheet .....	700-6557
OIS Automatic Paragraph Numbering/Table of Contents Generator Application Sheet .....	700-5753
OIS Calculator Application Sheet .....	700-5752
OIS CHARTER (Business Graphics Software) Data Sheet .....	700-7195
OIS Document Merge Application Sheet .....	700-5790
OIS Document Summary Collection Application Sheet .....	700-6118
OIS Index Generator Application Sheet .....	700-5751
OIS List Processing Application Sheet .....	700-6107B
OIS SCI-TY (Scientific Typing) Data Sheet .....	700-7178
OIS Spelling Verifier Application Sheet .....	700-6857
OIS Typewriter Application Sheet .....	700-6851
System Security Application Sheet .....	700-5094C
VS MATHPLANNER Data Sheet .....	800-1484-01
Wanglaw Application Sheet .....	700-6227A

**NOTES**

**NETWORKING/COMMUNICATIONS**

SOFTWARE APPLICATION PRODUCT	CODE	DESCRIPTION	PAGE	NUMBER
<b>AUDIO</b>				
Voice Communications	*	Primer	85	700-6985A
Voice Document	*	Administrator Guide	24	700-7576
Voice Document	*	Author Guide	85	700-6989
Voice Transcription	*	Transcription Guide	25	700-6988
<b>DVX</b>				
DVX	*	Course	86	DVX
DVX		Admin. Manual	85	700-6971
DVX		Summary Card	85	700-7101
<b>MAILWAY</b>				
MAILWAY	*	Reference Manual	89	700-7110
MAILWAY — VS	+	Admin. Manual	88	700-7003.01
MAILWAY — VS	*	Admin. Manual	88	700-7099
MAILWAY	+	Implementation Guide	89	700-7119
MAILWAY — OIS Level I	*	User Manual	86	700-6892
MAILWAY — WPS Level I	*	User Manual	87	700-6976
MAILWAY — OIS Extended	+	User Manual	87	700-7012A
MAILWAY/OIS — WPS	+	User Manual	87	700-6516A
MAILWAY — VS	*	User Manual	87	700-6276A
MAILWAY — VS	+	User Manual	88	700-6843A
MAILWAY — Portable Terminal	+	User Manual	88	700-6844A
MAILWAY	*	User Manual	88	700-7100
MAILWAY	*	Capabilities Guide	86	700-5979A
MAILWAY		Course	86	VS14
<b>WANGNET/REMOTE WANGNET</b>				
Remote WangNet		Config. Op. Guide	90	800-1317RO-01
Remote WangNet	*	Pre-Install. GuideE	90	700-7655
WangNet	*	Technical Description	90	700-7173
WangNet	*	Pre-Install. Guide	90	700-7116A
WangNet/Remote WangNet		User Guide	90	800-1316RW-01
WangNet, Cable Kit	*	Installation Guide	90	700-7644
WangNet, Data Switch	*	User Guide	89	700-7180
WangNet, FAM96232 Modem	*	User Guide	89	700-7181
WangNet, FFM64449 Modem	*	User Guide	89	700-7725
WangNet, FFM96232 Modem	*	User Guide	90	700-7168



# DIVIDER PAGE

## OTHER TELECOMMUNICATIONS PRODUCTS

Async/Sync Modem	*	User Manual	68	700-6975
Async Communications — 2200	*	User Guide	91	700-7121
Async Communications — 2200	*	User Guide	91	700-7122
Async Communications — VS	*	Programmer's Guide	94	800-1325AI-01
Batch Communication — Alliance	*	User Guide	95	700-7149
Batch Communication — VS		User Guide	94	800-1305BC-01
Binary Synchronous (BSC1) — 2200		User Guide	92	700-7123
Buffered Async				
Communication Controller — 2200		User Manual	92	700-4114C
Emulation (3270) — OIS	*	User Guide & Addendum	95	700-6980
		User Guide	92	700-6978
Emulation (3271) — 2200	*	Implementation Guide	93	700-6979
Emulation (3271) — 2200	*	User Guide	94	800-1306EM-02
Emulation (3271) — VS	*	User Guide	94	700-7075
Emulation (2780 & 3780) — 2200 ICS	*	User Guide	93	700-7075
Emulation (SNA 3274 & 3777) — VS	*	General Description	94	800-1326SE-01
Emulator, BSC, (3270) — Alliance	*	User Guide	95	700-7557
Emulator, BSC, (3275) — 2200	*	User Manual	93	700-4826B
Networks, Computer	*	Primer	89	777-4004
Remote Control/Maintenance — 2200		User Manual	92	700-6848
Sync/Async				
Communication Controller — 2200		User Manual	92	700-4670A
TC Support Utilities — 2200		User Manual	92	700-4086
Telecommunications — OIS		User Manual	96	700-6982
Telecommunications, Fundamentals		Course	96	TC10
Teletypewriter Emulation (TTY) — VS	*	User Guide	94	800-1314TU-02
Teletypewriter Emulation (TTY) — 2200 ICS	*	User Guide	93	700-7553
ICS Utilities — 2200	*	User Guide	93	700-7102
Telecommunications — WPS 5		User Manual	96	700-5295B
Telecommunications — WPS 20, 25, 30		User Manual	96	700-4686E



# NETWORKING/COMMUNICATIONS AUDIO/DVX

## VOICE PRODUCTS

### AUDIO

#### **Audio Workstation Component Card**

This card illustrates how to connect the audio workstation components after the initial installation has taken place.

\*  
700-7587  
\$ 2.00  
July 1982

#### **Audio Workstation Author Guide**

This publication provides operating instructions for executive users of the Alliance audio workstation. It describes how to create a voice document, how to play back, add section breaks, and text notes in the Audio Workstation edition. The guide also describes what special procedures to follow for preparing voice documents and voicegrams to be transcribed, how to submit them, and how to file them.

700-6989  
#  
May 1982

#### **A Primer on Voice Communications**

This publication is designed to introduce the reader to the concepts of voice communications, including basic telephone concepts and related audio processing technologies. Also included are new and potential applications for voice technologies.

\*  
700-6985A  
\$15.00  
April 1982

### DVX (DIGITAL VOICE EXCHANGE)

#### **DVX Administrator's Manual**

This publication contains DVX Release 1.0 operating instructions for DVX administrators at a Wang DVX equipped with the necessary hardware and software. It contains an overview of the system and information on administrators utilities, configuration, system reports, diagnostics, file and volume utilities, and control functions.

\*  
700-6971  
#  
January 1983

#### **DVX Reference Card**

This pocket-size guide contains a listing of available DVX functions, with a brief explanation of each. The card contains space for entering DVX access numbers and other frequently used numbers.

\*  
700-7101  
\$ 1.00  
April 1982

## **DVX/MAILWAY**

### **DVX System Administrator**

This course discusses the operation and maintenance of the DVX System. Topics include the basic concepts of telephony descriptions of the DVX hardware and system operations, system activities to establish blackout periods, entry and maintenance of system users information, reconfiguration of the DVX communication channels through workstation ports, system performance documentation, and identification and resolution of system problems.

**Prerequisites:** A knowledge of word processing operations and an understanding of basic concepts of voice communications.

\*  
**DVX  
Course  
3 days**

## **MAILWAY**

### **VS/MAILWAY Administrator**

This course for MAILWAY administrators presents the administrative duties, training duties, and user functions for implementing a MAILWAY system. Topics include a general introduction to electronic mail; definition of terms; user and administrative functions; delivery services; installation on the VS, VS/WP, OIS, and WPS systems; troubleshooting; MAILWAY TC; MAILWAY libraries and internals; and administrative considerations.

**Prerequisites:** Either the VS Administrative Functions Course (VS10) or the VS/WP Administrator Course (VS12), and WP training package or its equivalent.

**VS14  
Course  
3 days**

### **MAILWAY Capabilities Guide (2.1)**

This document is a prerequisite to understanding MAILWAY. Its purpose is to give a broad understanding of the concepts, hardware, and software required to utilize MAILWAY to its fullest. This guide is divided into three parts: An overview, designed to give a general understanding of MAILWAY and its available services; a more detailed technical discussion on the functions and features provided by the MAILWAY System; and an Appendix, containing discussions of such topics as sample case studies, and a glossary of MAILWAY terms.

\*  
**700-5979A  
#  
July 1982**

### **MAILWAY Level I User's Manual for Office Information Systems**

This publication describes the MAILWAY Level I operating instructions for users of Wang office information systems equipped with the necessary hardware and software. It includes an overview of the MAILWAY System, a description of the documents on the MAILWAY software diskette, a summary of functions available in the services glossary, and suggestions for maintaining a MAILWAY master directory. A procedures checklist and installation and customization information are also included.

\*  
**700-6892  
\$15.00  
January 1982**

**MAILWAY Level I User's Manual for Word Processing Systems**

This publication describes the MAILWAY Level I operating instructions for users of Wang Word Processing systems equipped with the necessary hardware and software. It includes an overview of the MAILWAY System, a description of the documents on the MAILWAY software diskette, a summary of functions available in the services glossary, and suggestions for maintaining a MAILWAY master directory. A procedures checklist and installation and customization information are also included.

\*  
**700-6976**  
**\$15.00**  
**January 1982**

**MAILWAY Level II or III User's Manual for Extended OIS Distribution Points**

This manual documents 2.03 MAILWAY software. It describes the MAILWAY Level II or III operating instructions for users at an OIS equipped with the necessary hardware and software. The manual contains an overview of the MAILWAY System and operating instructions for users of both the menu-driven and the Glossary software. It also includes instructions for the OIS MAILWAY administrator. Installation and customization information are also included.

+  
**700-7012A**  
**\$15.00**  
**October 1982**

**MAILWAY Level II or III User's Manual for Office Information Systems**

This publication describes the MAILWAY Level II or III operating instructions for users of a Wang office information system equipped with the necessary hardware and software. It contains an overview of the MAILWAY system, a description of the documents on the MAILWAY software diskette, a summary of the functions available in the MAILWAY services glossary, and a discussion of the OIS telecommunications functions used in conjunction with the services glossary. A procedures checklist and installation and customization information are also included.

+  
**700-6516A**  
**\$15.00**  
**December 1981**

**MAILWAY Level II or III User's Manual for Office Information Systems (Addendum)**

This addendum replaces portions of the Second Edition of the MAILWAY Level II or III User's Manual for Office Information Systems (Release 2.01).

\*  
**700-6516A.01**  
#  
**September 1982**

**MAILWAY Level II or III User Manual for Word Processing Systems**

This publication describes the MAILWAY Level II or Level III operating instructions for users of Wang Word Processing Systems equipped with the necessary hardware and software. It includes an overview of the MAILWAY System, a description of the documents on the MAILWAY software diskette, and a summary of the functions available in the MAILWAY services glossary. A procedures checklist and installation and customization information are also included.

**700-6276A**  
**\$10.00**  
**October 1981**

## **MAILWAY**

### **MAILWAY Level II or III User Manual for Word Processing Systems (Addendum)**

This addendum replaces portions of the second edition of the MAILWAY Level II or III User's Manual for Word Processing Systems (Release 2.0).

\*  
**700-6276A.01**  
#  
**September 1982**

### **MAILWAY Level III Administrator's Manual for VS Distribution Points**

This publication describes the MAILWAY Level III (Release 2.01) operating instructions for MAILWAY distribution point administrators at a Wang VS equipped with the necessary hardware and software. It also contains an overview of the MAILWAY System, file maintenance instructions, applications-interface information, installation information, configuration requirements, and a glossary. This manual supports Release 2.03 MAILWAY software.

+  
**700-7003.01**  
**\$20.00**  
**October 1982**

### **MAILWAY Level III User's Manual for VS Distribution Centers**

This publication describes the MAILWAY Level III (Release 2.03) operating instructions for users accessing MAILWAY from a distribution center on a Wang VS equipped with the necessary hardware and software, including instructions for the word processing interface software, a glossary, a procedures checklist, and installation and customization information.

+  
**700-6843A**  
**\$10.00**  
**August 1981**

### **MAILWAY Level III Administrator's Manual for VS Distribution Centers**

This publication describes the MAILWAY Level III (Release 2.03) operating instructions for MAILWAY distribution point administrators at a Wang VS equipped with the necessary hardware and software. It contains an overview of the MAILWAY System, file maintenance instructions, applications interface information, installation information, configuration requirements, and a glossary.

\*  
**700-7099**  
**\$15.00**  
**October 1982**

### **MAILWAY Level III User's Manual for VS Distribution Points**

This publication describes the MAILWAY Level III (Release 2.03) operating instructions for users accessing the MAILWAY System from a distribution point on a Wang VS equipped with the necessary hardware and software. It includes operating instructions for the word processing interface software, a glossary, a procedures checklist, and installation and customization information.

+  
**700-6844A**  
**\$15.00**  
**January 1982**

### **MAILWAY Level III User's Manual for Portable Workstations**

This publication describes the MAILWAY Level III operating instructions for users accessing the MAILWAY System from a terminal equipped with the necessary hardware. It includes a sample MAILWAY communications session, a summary of commands, and a glossary.

\*  
**700-7100**  
#  
**October 1982**

## **MAILWAY/WANGNET/REMOTE WANGNET**

### **MAILWAY Implementation Guide**

This publication describes the implementation of MAILWAY Level II or III (Release 2.03) software for managers, administrators, and trainers. Topics discussed include planning a pilot installation, personnel requirements and training, hardware requirements, and predelivery scheduling. The guide also includes a discussion of system accessibility, directory entry, and problem-reporting procedures.

+  
**700-7119**  
#  
**October 1982**

### **MAILWAY Reference Manual**

This publication describes the technical aspects of the MAILWAY Release 2.03 software. It includes program descriptions, directory-maintenance information, configuration requirements, networking considerations, and other information related to software internals. It also includes a glossary and cross-references to other MAILWAY user documentation.

\*  
**700-7110**  
#  
**January 1983**

## **WANGNET/REMOTE WANGNET**

### **A Primer on Computer Networks**

This publication provides the novice with a basic understanding of computer networks. Topics covered include applications, an introduction to data communications, descriptions of centralized and decentralized wide-area networks and a chapter on local area networks.

\*  
**777-4004**  
**\$15.00**  
**October 1982**

### **WangNet FAM96232 Frequency-Agile Modem User Guide**

This publication describes the setup, installation, operation and use of the WangNet FAM96232 modem, which is an integral support element of the WangNet 9600-bps Switched Interconnect Service.

\*  
**700-7181**  
#  
**January 1983**

### **WangNet DataSwitch User Guide**

This publication describes the setup, installation, operation and use of the WangNet DataSwitch, which emulates the operation of a central network switch in the WangNet 9600-bps Switched Interconnect Service.

\*  
**700-7180**  
#  
**January 1983**

### **WangNet FFM64449 Fixed Frequency Modem User Guide**

This publication describes the setup, installation, operation and use of the WangNet FFM64449 modem, which supports communications within the WangNet 64,000-bps Dedicated Interconnect Service.

\*  
**700-7725**  
#  
**December 1982**

## **WANGNET/REMOTE WANGNET**

### **WangNet FFM96232 Fixed Frequency Modem User Guide**

This publication describes the setup, installation, operation and use of the WangNet FFM96232 modem, which supports communications within the WangNet 9600-bps Dedicated Interconnect Service.

\*  
**700-7168**  
#  
**November 1982**

### **WangNet Technical Description**

This publication covers the technical theory of WangNet operation, from architecture and design of the cable to the principles of operation for all WangNet services.

\*  
**700-7173**  
#  
**January 1983**

### **WangNet Cable Kit Installation Guide**

This publication describes the step-by-step unpacking, assembly and interconnection procedures for WangNet Cable Kits, numbers WNKIT 4-H and 4-HT, WNKIT 12-70 and 12-70T, and WNKIT 20-35 and 20-35T.

\*  
**700-7644**  
#  
**November 1982**

### **WangNet Pre-Installation Guide**

This publication explains the considerations and requirements that must be met for design and installation of a WangNet local area broadband cable network.

\*  
**700-7116A**  
#  
**January 1983**

### **Network Configuration and Operations Guide**

This publication explains how to edit Wang network configuration files and assign names, services and addresses to systems in a Remote WangNet network. It has been prepared for the VS and OIS system administrator who will be involved in the installation, start-up, operation and maintenance of communications facilities between their systems.

\*  
**800-1317RO-01**  
**\$15.00**  
**August 1982**

### **Network User's Guide to File Transfer and Remote Logon**

This publication explains how to transfer documents and files between OIS and VS systems connected through Remote WangNet. It also explains how to log on to a VS system from an OIS workstation.

\*  
**800-1316RU-01**  
**\$10.00**  
**August 1982**

### **Remote WangNet Customer Pre-Installation Planning Guide**

This guide helps customers plan their networks. It outlines entitled support services, site planning, the setting up of procedures, and network configuration.

\*  
**700-7655**  
#  
**January 1983**

## **OTHER TELECOMMUNICATIONS PRODUCTS 2200**

### **OTHER TELECOMMUNICATIONS PRODUCTS**

#### **2200 PRODUCT LINE**

##### **2200 Asynchronous 1 Communications User Guide for 2200VP, LVP, MVP, and SVP**

This publication describes the operation of the Teletype and 2741 Emulators for the Wang 2200VP, LVP, MVP, and SVP systems.

\*  
**700-7122**  
#  
**May 1982**

##### **2200 ASC 1 and BSC 1 Communications User Guide for 2200T and PCS-II/IIA**

This publication describes the operation of the Teletype and IBM 2741 emulations for asynchronous communication, as well as five binary synchronous communication emulations (2780, 3780, multileaving, HASP, and 2200-to-2200).

\*  
**700-7121**  
#  
**May 1982**

##### **2200 Binary Synchronous Communications (BSC1) User Guide for 2200VP, LVP, MVP, and SVP**

This publication describes the operation of Wang software for the emulation of IBM 2780, 3780, 3741, and HASP protocols. It also describes 2200-to-2200 communications, and 2200 WPS mode (used for word processing document transfer between Wang systems).

\*  
**700-7123**  
**\$10.00**  
**March 1982**

##### **2200 Remote Control and Maintenance System User Manual**

This publication describes the characteristics and operating procedures for the 2200 Remote Control and Maintenance system. It also discusses hardware and software requirements, the establishment of the telecommunications link, and the operating instructions and descriptions of the Terminal Emulator Package and supporting utilities.

**700-6848**  
**\$10.00**  
**July 1981**

## **OTHER TELECOMMUNICATIONS PRODUCTS 2200**

### **2200 TC Support Utilities 1 User Manual**

This publication provides operating instructions for the Data Entry 1, Atomize, and De-atomize programs. These programs support special telecommunications (TC) requirements associated with the transmission and reception of data and program files for 2200 systems.

**700-4086**  
**\$10.00**  
**November 1976**

### **2200 TC Support Utilities 1 User Manual Addendum**

This publication is an addendum to the *2200 TC Support Utilities User Manual*. It describes the changes and enhancements introduced with Release 2 of the software, including an off-line Print utility; a List/Dump TC Files utility; and TC subroutines for converting, reading, or writing TC files.

**700-4086.01**  
**n/c**  
**October 1981**

### **2200 Model 2227B/Option 62 Buffered Asynchronous Communications Controller User Manual**

This publication contains information on the installation and operation of the controller. It includes controller features, modem considerations, and programming techniques.

**700-4114C**  
**\$10.00**  
**January 1980**

### **2200 Model 2228B/2228C/Option 62B Synchronous/Asynchronous Communications Controller User Manual**

This publication describes the installation and dual capabilities of the controller. It includes features, modem considerations, the names of emulation software for synchronous or asynchronous applications, and user-programming techniques for asynchronous applications.

**700-4670A**  
**\$10.00**  
**July 1980**

### **2200 3271 Emulation User Guide**

This publication describes the operation of the 3271 Emulator for 2200 Series systems. Keyboard functions, device attachment, report control features, and other functions relevant to users are discussed.

**700-6978**  
**\$ 5.00**  
**December 1981**



## OTHER TELECOMMUNICATIONS PRODUCTS 2200

### **2200 3271 Emulation User Guide Addendum**

This addendum corrects an error made on the title page of the *2200 3271 Emulation User Guide (700-6978)*.

\*  
**700-6978.01**  
n/c  
**February 1982**

### **2200 3271 BSC Implementation Guide and User Manual**

This publication describes the implementation and operation of the 3271 Emulator for 2200 systems. Installation, initialization, and maintenance of the software are discussed as well as keyboard functions, device attachment, report control features, and other user functions. This manual replaces the *2200 3271 Emulation User Guide (700-6978)* and its addendum (700-6978.01).

**700-6979**  
#  
**December 1982**

### **2200 ICS Utilities User Guide**

This publication describes the Integrated Communications Services (ICS) Utilities software, which provides user access and configuration functions for several emulation software packages for 2200 systems. This manual explains the function and provides operating instructions for each ICS utility.

\*  
**700-7102**  
#  
**December 1982**

### **2200 ICS 2780 and 3780 Emulators User Guide**

This publication describes the ICS 2780/3780 emulation software, a batch communications application of the 2200 Integrated Communications Services (ICS). This document includes information on hardware and software requirements, and instructions for configuring and operating the software.

\*  
**700-7075**  
#  
**December 1982**

### **2200 ICS TTY Emulator User Guide**

This publication describes the ICS TTY emulation software, an asynchronous teletypewriter application of the 2200 Integrated Communications Services (ICS). This document includes information on hardware and software requirements, and instructions for configuring and operating the software.

\*  
**700-7553**  
#  
**December 1982**

### **2200 3275 BSC Emulator User Manual**

This publication describes modem considerations and operating instructions, to be used in conjunction with information supplied by the host data center supporting 3275 communications with the Wang 2200 system.

**700-4826B**  
**\$ 5.00**  
**October 1981**

## **OTHER TELECOMMUNICATIONS PRODUCTS/VS**

### **VS PRODUCT LINE**

#### **VS Batch Communications User Guide**

This publication provides operating instructions and procedure-writing information for 2780/3780 batch communications using the TCCOPY program. It also describes VS-to-VS communications (file transfer) using the VSCOPY program.

**800-1305BC-01**  
**\$10.00**  
**June 1981**

#### **VS General Purpose Asynchronous Communications Programmer's Guide**

This publication provides information for programmers and users of the VS General Asynchronous interface (Package #195-2272-3). It includes operating instructions for the CONFIGTC program, and general information about the logical operations used by BASIC and COBOL application programs for asynchronous telecommunications.

\*

**800-1325AI-01**  
**\$10.00**  
**June 1982**

#### **VS Teletypewriter Emulation (TTY) User's Guide**

This publication provides operating instructions and procedure writing information for TTY program users. TTY is an asynchronous communications program that allows a VS workstation to emulate a teletypewriter device for on-line communication with a host. The TTY program allows the VS to communicate with a teletypewriter device for non-timesharing applications.

\*

**800-1314TU-02**  
**\$10.00**  
**January 1982**

#### **VS 3271 Emulation User's Guide**

This publication is designed for programmers and system operators using the VS 3271 emulation facilities. It contains general information, initialization procedures, and operating instructions. Also included is information for programmers either writing procedures for automated initialization of the VS 3271 Emulator or writing programs to emulate 3277 display stations using the Wang MCP/COBOL interface facility.

\*

**800-1306EM-02**  
**\$10.00**  
**December 1982**

#### **VS Emulation of SNA 3274 and 3777, General Description**

This publication describes the architecture of the VS SNA 3274 and 3277 Emulators. It also briefly describes the functionality of these emulators.

\*

**800-1326SE-01**  
**#**  
**November 1982**

# OTHER TELECOMMUNICATIONS PRODUCTS/OIS

## OFFICE SYSTEMS PRODUCT LINE

### **Alliance 3270 BSC Emulator User Guide**

This publication is written for Alliance 3270 supervisory personnel and users who require operational instructions about 3270 emulation software. This document contains general information about 3270 products; hardware and software requirements; and instructions for installing the software, configuring the Alliance 3270 system, and operating the software.

\*  
**700-7557**  
#  
**January 1983**

### **Alliance Batch Communication User Guide**

This publication describes communication procedures for the 700-7149 Wang 2780 and 3780 software emulation for Alliance. Communication procedures for the Wang WPS protocol are also given. This protocol is used for document exchange between Wang systems. The user guide includes an overview of available functions and operational instructions, installation guidelines, information on generic and customized connections, maintenance recommendations, and other technical information such as translation tables and the comparative effects of the 2780, 3780, and WPS protocols on document transmission.

\*  
**700-7149**  
#  
**January 1983**

### **Alliance WISE Administrator's Guide**

This publication provides the Alliance administrator with an 700-7186 introduction to the hardware and software features of the Wang Inter-System Exchange (WISE) product on Alliance. The guide describes administrative planning, physical installation and operation of the WISE unit, and the software features of Alliance that can be performed across the WISE network.

\*  
**700-7186**  
#  
**January 1983**

### **OIS 3270 Emulation User Guide**

This publication is written for OIS 3270 supervisory personnel and users who require operational instructions about 3270 emulation software. This document contains general information about 3270 products, hardware and software requirements, and instructions for installing the software, configuring the OIS 3270 system, and operating the software.

**700-6980**  
#  
**December 1981**

### **OIS 3270 Emulation User Guide Addendum**

This addendum replaces portions of the first edition of the *OIS 3270 Emulation User Guide* (700-6980). Included in this addendum are technical changes reflecting the additional capabilities provided by WISE (Wang Inter-System Exchange) and the external communications controller.

\*  
**700-6980.01**  
#  
**December 1982**

## **OTHER TELECOMMUNICATIONS PRODUCTS/OIS**

### **Fundamentals of Wang Telecommunications**

This course for first-time Wang TC users provides basic telecommunications concepts and terminology. Topics include an introduction to TC concepts and terminology, coordinating an equipment installation, identifying and analyzing telecommunications problems, productivity enhancements, and future trends in office communications.

**Prerequisites:** knowledge of your company's Wang products and information communication needs.

**TC10  
Course  
3 days**

### **OIS Telecommunications User Manual**

This publication describes communications procedures for the Wang 2780, 3780, 2741, and Teletypewriter software emulation. Communications procedures for the Wang WPS protocol are also described; this protocol is used for document exchange between Wang systems. The document includes an overview of available functions, and operating instructions, installation guidelines, information on generic and customized connections, and maintenance recommendations. Technical information, such as translation tables and the comparative effects of the protocols on document transmission is also included.

**700-6982  
\$10.00  
October 1981**

### **Word Processor Telecommunications User Manual (for the System 5)**

This publication describes the telecommunications features of the Word Processing System 5 for those already familiar with creating, editing, and printing documents on a Wang word processor. It includes a general introduction to telecommunications and its terminology, a description of the available telecommunications features, and instructions for performing both asynchronous and bisynchronous communications.

**700-5295B  
\$10.00  
April 1981**

### **Word Processor Telecommunications User Manual (for the Systems 20, 25, and 30)**

This publication describes the asynchronous and bisynchronous communications options. It includes a comparison of both options, information about hardware and software installation, operating instructions using standard 2780 or 3780 bisynchronous protocols or the special Wang word processor bisynchronous protocol, and operating instructions for communication using the Teletype or 2741 protocol.

**700-4686E  
\$10.00  
April 1981**

**NETWORKING/COMMUNICATIONS DATA SHEETS**

Alliance 3270 BSC Emulator Data Sheet .....	700-7556
DVX (Digital Voice Exchange) Data Sheet .....	700-6850A
2200 2227B or Option 62 Buffered Asynchronous Communications	
2200 2228D or Option 28D Data Communications Data Sheet .....	700-6286
2200 2228C/2228B/Option 28C/Option 28B Synchronous/Asynchronous	
2200 2741 Emulation Software Utility Data Sheet .....	700-4706B
2200 2780/3780 Emulation Software Utility Data Sheet .....	700-4709B
2200 3270 Emulations (SNA and BSC) Data Sheet .....	700-6871A
2200 3741 Emulation Software Utility Data Sheet .....	700-4708B
2200 X.25 Packet Network Interface Data Sheet .....	700-6826
2200 Burroughs Emulation Software Utility Data Sheet .....	700-4705B
2200 Enhanced 2780/3780 Emulation Data Sheet .....	700-6819
2200 HASP Multi-Leaving Emulation Software Utility Data Sheet .....	700-4707B
2200 Remote Control and Maintenance Data Sheet .....	700-6285A
2200 Teletype Emulation Software Utility Data Sheet .....	700-4704B
2250 or Option 67 8-Bit Parallel I/O Interface Controller	
2254 IEEE-488 Interface Data Sheet .....	700-4008D
2270A IBM 3740 Compatible Diskette Drive Data Sheet .....	700-4152C
3271 Emulation Information Sheet .....	700-6386A
6550-1 WISE (Wang Inter-System Exchange) Data Sheet .....	700-5532C
7500T Series Data Communication Products Data Sheet .....	700-7615
MAILWAY Level I Data Sheet .....	700-6103B
MAILWAY Level II Data Sheet .....	700-6102A
MAILWAY Level III Data Sheet .....	700-6101A
<b>F</b> MAILWAY Level III Data Sheet (French Edition) .....	700-7050
VS Data Communications Data Sheet .....	800-2107-03
VS Remote WangNet Data Sheet .....	800-2304-02
VS SNA 3274 Emulation Data Sheet .....	800-2302-01
VS SNA 3777 Emulation Data Sheet .....	800-2303-01
VS Teletypewriter Emulation (TTY) Data Sheet .....	800-2109-02
OIS 3270 BSC Emulation Data Sheet .....	700-5530A
Wang Office Systems Teletype and 2741 Asynchronous	
Communications Data Sheet .....	700-5529A
Wang Office System 2780/3780 Batch Communications and	
Document Transmission Data Sheet .....	700-5531A
Wangwriter 2236DE Interactive Terminal Emulation Data Sheet .....	700-7044
Wangwriter 2780/3780 Emulation Data Sheet .....	700-7029
Wangwriter Teletypewriter Emulation (TTE) Data Sheet .....	700-6981
WA3451 Asynchronous/Synchronous Modem Data Sheet .....	700-6837
WTC-522 Telephone Coupler Data Sheet .....	700-7167
Controller Data Sheet .....	700-3830D
Communications Controller Data Sheet .....	700-4143D
Data Sheet .....	700-3253D
WangNet Cable Components Data Sheet .....	700-6860
WangNet Cable Interface Unit Data Sheet .....	700-7183
WangNet Cable Kits Data Sheet .....	700-7711
WangNet DataSwitch Data Sheet .....	700-7184
WangNet FFM96232 & FFM64449 Fixed-Frequency Modems Data Sheet .....	700-7166
WangNet FAM96232 Frequency-Agile Modem Data Sheet .....	700-7185
WangNet Overview Data Sheet .....	700-6860A
WangNet Peripheral Attachment Services Data Sheet .....	700-7698
Remote WangNet Data Sheet .....	800-2304-02

# NUMERICAL INDEX

## NUMERICAL INDEX

NUMBER	TITLE	PAGE
700-1309J	2200 BASIC Disk Reference Manual	47
700-3118E	GLBR 22 — Mathematics General Program Library	77
700-3119D	GLBR 22B — Finance/Utilities/Games General Program Library	77
700-3120E	GLBR 22A — Statistics/Engineering General Program Library	77
700-3156B	Model 2250/Option 67 8-Bit-Parallel I/O Interface Controller User Manual	55
700-3231G	2200 Programming in BASIC	51
700-3253D	2250 or Option 67 8-Bit Parallel I/O Interface Controller Data Sheet	95
700-3332E	2200 Matrix Statements Reference Manual	51
700-3364C	Model 2207A I/O Interface Controller User Manual	53
700-3514F	2200 General I/O Instruction Set Reference Manual	49
700-3532C	2252A Scanning Input Interface Controller Data Sheet	70
700-3657D	2200 Integrated Support System (ISS) User Manual, Release 2	50
700-3666C	Sequential Analysis (Diskette) User Manual	80
700-3740E	2230MXA-1/MXB-1 Data Sheet	70
700-3766C	2200 Report Program Language (RPL) User Manual	52
700-3826F	2272-2 Digital Drum Plotter Data Sheet	70
700-3830D	2200 2227B or Option 62 Buffered Asynchronous Communications Controller Data Sheet	95
700-3838D	2200 Plotter Utilities Manual	51
700-3859C	Regression Analysis User Manual	79
700-3867C	Analysis of Variance (ANOVA) User's Manual (Diskette, Minidiskette)	75
700-3869C	Model 2272-2 Digital Drum Plotter User Manual	56
700-3872A	2200 ISS Release 2 Reference Card	50
700-3913H	Word Processor System 20 Configuration Sheet	38
700-3914I	Word Processor System 30 Configuration Sheet	38
700-4008D	2254 IEEE-488 Interface Data Sheet	95
700-4043D	2200 Text Editing Utilities User Manual	80
700-4051C	2200VP Central Processing Unit (CPU) Data Sheet	70
700-4080D	2200 BASIC-2 Language Reference Manual	47
700-4081G	2200 BASIC-2 Disk Reference Manual	47
700-4082A	2200VP Introductory Manual	53
700-4086	2200 TC Support Utilities 1 User Manual	92
700-4086.01	2200 TC Support Utilities 1 User Manual Addendum	92
700-4094	2200 Plotter Demo User Manual	51
700-4109F	Accessories Data Sheet	43
700-4114C	2200 Model 2227B/Option 62 Buffered Asynchronous Communications Controller User Manual	92
700-4136A	Model 2254 Interface User Manual	55
700-4143D	2200 2228C/2228B/Option 28C/Option 28B Synchronous/Asynchronous Communications Controller Data Sheet	95
700-4149C	2263 Line Printer Data Sheet	70
700-4152C	2270A IBM 3740 Compatible Diskette Drive Data Sheet	95
700-4231B	RadiolimmunoAssay Data System (RIADS) (Diskette) Operator's Manual	79
700-4251B	Model 2263 Line Printer User Manual	56
700-4254B	2200 Integrated Support System (ISS) User Manual, Release 3.2	50

**NUMERICAL INDEX**

<b>NUMBER</b>	<b>TITLE</b>	<b>PAGE</b>
700-4261	2209A Nine Track Reel-to-Reel Magnetic Tape Drive Data Sheet	70
700-4322A	Graphic Utility System (GUS) Application Sheet	81
700-4325A	Model 2209A Nine-Track Tape Utilities Manual	54
700-4333G	5531-2 120cps Line Printer Data Sheet	44
700-4335C	2200 Graphic Utility System (GUS) Manual, Release 4	49
700-4358B	Model 2209A Nine-Track Tape Drive User Manual	53
700-4369C	2200 3740 Diskette Compatibility Software User Manual	49
700-4375C	2231W-3 Line Printer Data Sheet	70
700-4378C	2282 Graphic CRT Data Sheet	71
700-4417C	Wang Glossary of Terms	27
700-4420D	PIO Phototypesetter Input Option (Paper Tape Punch and Translator Data Sheet	44
700-4457A	Model 2231W-3 Matrix Printer User Manual	54
700-4460A	Multiple Comparison Tests User Manual	79
700-4495D	Twin Sheet Feeder Data Sheet	43
700-4602A	Bioassay and Probit Analysis User Manual	75
700-4614C	Decision Processing Reference Guide	29
700-4626	Analysis of Covariance User Manual	75
700-4627A	Model 2282 Graphic CRT Plotter User Manual	57
700-4642B	Word Processor Glossary Auxiliary Functions User Manual	27
700-4656F	2200MVP Data Sheet	70
700-4664D	Twin Sheet Feeder User Manual	36
700-4670A	2200 Model 2228B/2228C/Option 62B Synchronous/Asynchronous Communications Controller User Manual	92
700-4671E	Mathematics Support Package User Manual	30
700-4672D	Sort Option User Manual	35
700-4673E	Word Processor System Security Option User Manual	35
700-4677B	2231W-6 Line Printer Data Sheet	70
700-4685I	Wang Word Processor System 25 Configuration Sheet	38
700-4686E	Word Processor Telecommunications User Manual (for the Systems 20, 25, and 30)	96
700-4692B	2260C Fixed/Removable Disk Drive Data Sheet	70
700-4693D	2200MVP Introductory Manual	52
700-4704B	Teletype Emulation Software Utility Data Sheet	95
700-4705B	2200 Burroughs Emulation Software Utility Data Sheet	95
700-4706B	2200 2741 Emulation Software Utility Data Sheet	95
700-4707B	2200 HASP Multi-Leaving Emulation Software Utility Data Sheet	95
700-4708B	2200 3741 Emulation Software Utility Data Sheet	95
700-4709B	2200 2780/3780 Emulation Software Utility Data Sheet	95
700-4712A	Word Processor Optical Character (OCR) Option User Manual	35
700-4713D	OCR-1 Optical Character Recognition Option Data Sheet	43
700-4720G	Word Processor System 5 Configuration Sheet	37
700-4732D	Mathematics Support Package Applications User Manual	29
700-4745A	Payroll Master File Input Forms	79
700-4786C	5541WC Wide Carriage Printer Data Sheet	44
700-4788C	5541W Daisy Printer Data Sheet	44
700-4789E	Model 5541WC Wide Carriage Printer User Manual	38
700-4790D	Model 5541W Daisy Printer User Manual	38
700-4795C	NK-1 Numeric Keypad Option	43
700-4807C	2236MXD Terminal Processor Data Sheet	70
700-4819C	2260BC Fixed/Removable Disk Drive Data Sheet	70
700-4826B	2200 3275 BSC Emulator User Manual	93

## NUMERICAL INDEX

NUMBER	TITLE	PAGE
700-4836A	Internal Sales Reporting System User Manual	78
700-4837D	Word Processor System 5 Model III Data Sheet	44
700-4840C	OIS 140 Data Sheet	43
700-4841E	OIS 140 Configuration Sheet	35
700-4843C	2280/2280N Fixed/Removable Disk Drive Data Sheet	71
700-5010A	2200 Integrated Support System (ISS) User Manual, Release 5	50
700-5022B	GBS/MVP MODs I-IV Technical Guide, Release 2	76
700-5040	Model 2231W-6 Matrix Printer User Manual	54
700-5043A	A Guide for Office Systems Supervisors	29
700-5054A	AWS-1 Archiving Work Station Data Sheet	43
700-5060C	IP41D Intelligent Image Printer Data Sheet	43
700-5061C	OIS 130 Data Sheet	43
700-5068A	Column Edit Application Sheet	43
700-5094C	System Security Application Sheet	81
700-5095B	OIS Sort Application Sheet	43
700-5096A	Mathematics Support Package Application Sheet	81
700-5098	Photocomposition Glossary of Terms	41
700-5102A	Model 2260BC/2260C Disk Drive User Manual	55
700-5104C	Column Edit User Manual	25
700-5107	Model 2270 Series Diskette Drive User Manual	56
700-5109C	MCR-1 Mag Card Reader	43
700-5127C	6581W Daisy Printer Data Sheet	44
700-5128B	6581WC Wide Carriage Printer Data Sheet	44
700-5134	2200 Optional Furniture Data Sheet	70
700-5138E	Model 6581WC Wide Carriage Printer User Manual	40
700-5142	Digital Audio Delay Model 150 Data Sheet	43
700-5147C	Twin Sheet Feeder — System 5	36
700-5176B	Model 6581W Daisy Printer User Manual	40
700-5189A	WP MCR-1 Mag Card Reader User Manual	28
700-5194	6560D Fixed/Removable Disk Data Sheet	44
700-5200	6560/6580 Fixed/Removable Disk Drives Data Sheet	44
700-5213	Ribbon Cartridge and Print Wheel Replacement for the Model 5541 Daisy Printer	35
700-5216A	Model 2280/2280N Disk Drive User Manual	56
700-5217A	2273 Band Printer Data Sheet	71
700-5224A	2211M Printer Multiplexer Data Sheet	70
700-5255B	Forms Feeder Operating Procedures Summary Card	27
700-5257B	Model 6581W Daisy Printer Procedures Summary Card	40
700-5264B	OIS 145 Configuration Sheet	35
700-5266A	Word Processor Systems 5/20 Dual Diskette Drive Operating Procedures Summary	37
700-5268C	Twin Sheet Feeder Operating Procedures Summary	35
700-5269B	Word Processor Systems 25/30 CDC Disk Operating Procedures Summary	38
700-5271A	Model 6560 Disk Drive Operating Procedures Summary	39
700-5272A	Model 6580 Disk Drive Operating Procedures Summary	40
700-5291	5536-1 Workstation Data Sheet	44
700-5292B	5536-2 Workstation Data Sheet	44
700-5295B	Word Processor Telecommunications User Manual (for the System 5)	96
700-5521C	581WD Twin Head Daisy Printer Data Sheet	44
700-5523C	OIS 145 Data Sheet	43



**NUMERICAL INDEX**

<b>NUMBER</b>	<b>TITLE</b>	<b>PAGE</b>
700-5524A	OIS 125 Data Sheet	43
700-5528C	OIS BASIC Data Sheet	43
700-5529A	Wang Office Systems Teletype and 2741 Asynchronous Communications Data Sheet	95
700-5530A	OIS 3270 BSC Emulation Data Sheet	95
700-5531A	Wang Office System 2780/3780 Batch Communications and Document Transmission Data Sheet	95
700-5532C	6550-1 WISE (Wang Inter-System Exchange) Data Sheet	95
700-5544B	2236DE Interactive Terminal Data Sheet	70
700-5560A	2200 ISS Release 5 Reference Card	50
700-5562C	OIS Supervisor Procedures Manual	33
700-5587	Retail Business System Demo Guide	80
700-5588B	Model 5581WD Twin-Head Daisy Printer User Manual	39
700-5701	GBS/MVP MOD III User Manual	76
700-5711B	Model 2236DE Interactive Terminal User Manual	54
700-5711B.01	Model 2236DE User Manual Addendum	55
700-5721B	OIS BASIC Programmer's Introduction	31
700-5726A1	Model 2273 Band Printer User Manual	56
700-5740C	OIS Operator Quick Reference Guide	32
700-5741C	OIS Supervisor Quick Reference Guide	34
700-5743A	2281W Printer/Plotter Data Sheet	71
700-5744B	Model 2281W Printer/Plotter User Manual	56
700-5750B	OIS BASIC Language Reference Manual	30
700-5750B.03	OIS BASIC Language Reference Manual Addendum	31
700-5751	OIS Index Generator Application Sheet	81
700-5752	OIS Calculator Application Sheet	81
700-5753	OIS Automatic Paragraph Numbering/Table of Contents Generator Application Sheet	81
700-5759A	GBS Release 2 Payroll User Manual	76
700-5772A	GBS Release 2 Invoicing, Accounts Receivable and Order Entry, Inventory Control User Manual	76
700-5778B	2200 IDEAS (Inquiry Data Entry Access System) User Manual	50
700-5779	6565 Disk Drive Data Sheet	44
700-5780B	Word Processor Phototypesetter Input Option Model PIO User Manual	41
700-5790	OIS Document Merge Application Sheet	81
700-5796D	2200LVP/LVPC Product Data Sheet	70
700-5926	GBS/MVP System Manual (Interim)	76
700-5927A	GBS/MVP Payroll System Manual	76
700-5931	2280/2280N Disk Multiplexer Data Sheet	71
700-5939A	2200 IDEAS (Inquiry Data Entry Access System) Familiarization Guide	50
700-5945B	Typesetter 5548z Reference Manual	42
700-5947B	Wang Typesetter 5548z Command Structures and Error Messages	42
700-5948B	Typesetter 5548z Data Sheet	44
700-5950A	2281WC Printer/Plotter Data Sheet	71
700-5961B	OIS BASIC System Support Manual	31
700-5961B.01	OIS BASIC System Support Manual Addendum	31
700-5974B	2200SVP Product Data Sheet	70
700-5978C	Customer Site Planning Guide	26
700-5979A	MAILWAY Capabilities Guide (2.1)	86
700-5992	2200 BASIC-2 Language Pocket Guide	47

## NUMERICAL INDEX

NUMBER	TITLE	PAGE
700-6101A	MAILWAY Level III Data Sheet	95
700-6102A	MAILWAY Level II Data Sheet	95
700-6103B	MAILWAY Level I Data Sheet	95
700-6107B	OIS List Processing Application Sheet	81
700-6118	OIS Document Summary Collection Application Sheet	81
700-6118A	Document Summary Collection Application Sheet	81
700-6148B	OIS Ideographic Word Processor Data Sheet	43
700-6153	Bidirectional Forms Tractor Operating Procedures Summary Card	25
700-6160	PROMIS Demo Guide	79
700-6161	ISS Data Sheet	70
700-6163	2200SVP Introductory Manual	53
700-6164A	2200LVP Introductory Manual	52
700-6165A	OIS 130A Configuration Sheet	34
700-6166A	OIS 125A Configuration Sheet	34
700-6167A	OIS 115 Configuration Sheet	34
700-6168A	OIS 105 Configuration Sheet	34
700-6174A	OIS 125A Data Sheet	43
700-6175	OIS 130A Data Sheet	43
700-6190	OIS Envelope Feeder Data Sheet	43
700-6203A	GBS Release 2 Accounts Payable/General Ledger System Manual	75
700-6204A	Data Collection Software Utility Data Sheet	70
700-6227A	Wanglaw Application Sheet	81
700-6233A	Wanglaw Sample Reports Manual	80
700-6244	Wanglaw User Manual	80
700-6251	Sort Application Sheet	43
700-6252A	Envelope Feeder User Manual	26
700-6255	Model 2281WC Printer/Plotter User Manual	57
700-6269	OIS 125A/130A Operating Procedures Summary Card	34
700-6276A	MAILWAY Level II or III User Manual for Word Processing Systems	87
700-6276A.01	MAILWAY Level II or III User Manual for Word Processing Systems (Addendum)	88
700-6278	OIS Format Modification User Manual	31
700-6285A	2200 Remote Control and Maintenance Data Sheet	95
700-6286	2200 2228D or Option 28D Data Communications Data Sheet	95
700-6298	OIS Super Global Replace User Manual	33
700-6386A	3271 Emulation Information Sheet	95
700-6501	Wanglaw Pocket Guide	80
700-6502A	Typesetter 5548z 8-Level Character Set Manual	42
700-6503	Management Statistics System Application Sheet	81
700-6508	GBS Release 2 Bill of Material System Manual	75
700-6516A	MAILWAY Level II or III User's Manual for Office Information Systems	87
700-6516A.01	MAILWAY Level II or III User's Manual for Office Information Systems (Addendum)	88
700-6517	2200 Software Catalog	53
700-6519	OIS Minidiskette Workstation Data Sheet	43
700-6552A	Wanglaw Management Guide	80
700-6553	2200 Data Collection Software Utility Manual	49
700-6554	GBS Release 2 Sample Reports Manual	75
700-6555	Inventory Management System Release 2 User Manual	78
700-6556	OIS Management Statistics System User Manual	32

**NUMERICAL INDEX**

<b>NUMBER</b>	<b>TITLE</b>	<b>PAGE</b>
700-6557	OIS Advanced Functions Application Sheet	81
700-6560	2200 Word Processing Software Data Sheet	70
700-6563A	5535 Matrix Printer Data Sheet	44
700-6564A	2236DW Integrated Terminal Data Sheet	70
700-6565A	2235 Line Printer Data Sheet	70
700-6566	What is Word Processing?	28
700-6567A	Wangwriter Software Registration Card	37
700-6569	OIS Model MCR-1 Mag Card Reader User Manual	32
700-6570A1	Model 7530T Word Processing System Configuration Sheet	41
700-6571A	7520T Word Processor Stand-Alone Configuration Sheet	40
700-6572A	Model 7525-3T Word Processing System Configuration Sheet	40
700-6574B	Wangwriter Reference Manual	36
700-6575	7581WT Daisy Printer Data Sheet	44
700-6576A	7525-3T Word Processing System Data Sheet	44
700-6577	7526HT Workstation Data Sheet	44
700-6578	7530T Word Processing System Data Sheet	44
700-6579	7581WCT Printer Data Sheet	44
700-6580	7520T Word Processing System Data Sheet	44
700-6583	OIS Mailbox User Manual	32
700-6590A	OIS 105 Configuration Sheet (French edition)	34
700-6593A	OIS 130A Configuration Sheet (French edition)	34
700-6594A	Model 5533/5535 Bidirectional Matrix Printer User Manual	38
700-6595B	Wangwriter Documentation Guide	36
700-6599S	OIS List Processing Data Sheet (French.Edition)	43
700-6600A	OIS Readability Index Application Sheet	43
700-6601	Model 7581WT and 7581WCT Daisy Printer Procedures Summary Card	41
700-6602	Model 7520T Stand-Alone Procedures Summary Card	40
700-6603	IDEAS (Inquiry Data Entry Access Method) Release 2 Data Sheet	70
700-6643A	OIS System Administrator's Course	34
700-6713A	OIS Customer Planning and Resource Guide	31
700-6727	VS Customer Planning and Resource Guide	63
700-6813	Ergonomic Workstation Data Sheet	70
700-6814	COBOL Data Sheet	70
700-6815	BASIC-3 Data Sheet	70
700-6816	Model 2235 Line Printer User Manual	54
700-6817	2200 COBOL Coding Forms	48
700-6818	Model 7525-3T and 7530T Procedures Summary Card	40
700-6819	2200 Enhanced 2780/3780 Emulation Data Sheet	95
700-6820	2200 Peripherals Data Sheet	70
700-6822	Introducing GBS Release 2	78
700-6826	2200 X.25 Packet Network Interface Data Sheet	95
700-6828	Printer Procedures Summary	41
700-6831B	OIS Readability Index User Manual	33
700-6832	2200MVP and LVP Systems Option C Data Sheet	70
700-6833	2200 Envelope Feeder User Manual	49
700-6835A	6509 Nine-Track Tape Drive Data Sheet	44
700-6837	WA3451 Asynchronous/Synchronous Modem Data Sheet	95
700-6841	Ideographic Word Processing Operator Guide — Chinese System Edition	27
700-6841.01	Ideographic Word Processing Operator Guide — Chinese System Edition Errata Sheet	27
700-6843A	MAILWAY Level III User's Manual for VS Distribution Centers	88

## NUMERICAL INDEX

NUMBER	TITLE	PAGE
700-6844A	MAILWAY Level III User's Manual for VS Distribution Points	88
700-6845A	5533 Bidirectional Matrix Printer Data Sheet	44
700-6848	2200 Remote Control and Maintenance System User Manual	92
700-6849	Model 6565 Disk Drive (275MB) Operating Procedures Summary Card	39
700-6850A	DVX (Digital Voice Exchange) Data Sheet	95
700-6851	OIS Typewriter Application Sheet	81
700-6852	CP/M 2.2 Operating System on the Wangwriter Application Sheet	44
700-6854	Model 2233 Line Printer User Manual	54
700-6856	2200 BASIC-2 Utilities Reference Manual	48
700-6857	OIS Spelling Verifier Application Sheet	81
700-6859	DATAMERGE Data Sheet	70
700-6860	WangNet Cable Components Data Sheet	95
700-6860A	WangNet Overview Data Sheet	95
700-6864A	2200 Word Processing Supervisor's Manual	53
700-6865A	OIS System Security User Manual	34
700-6866B	Model 2245 Matrix Printer User Manual	55
700-6867	Alliance WISE User Guide	25
700-6868	2200 BASIC-3 Language Reference Manual	48
700-6869	2200 COBOL Language Reference Manual (Release 1)	48
700-6869.01	2200 COBOL Language Reference Manual (Release 1) Addendum	48
700-6870	2200 BASIC-3/COBOL System Operations Guide	48
700-6871A	2200 3270 Emulations (SNA and BSC) Data Sheet	95
700-6873A	2245 Matrix Printer Data Sheet	70
700-6874	2200 Ergo-2 Workstation Data Sheet	70
700-6875	OIS Minidiskette Archiving Workstation Operating Procedures Summary Card	32
700-6876	OIS Proportional Space Workstation Operating Procedure Summary Card	33
700-6877	5574 600-LPM Band Printer Data Sheet	44
700-6878A	Model 5574 Band Printer User Manual	39
700-6881A	2200 DATAMERGE User Manual	49
700-6888	OIS Spelling Verifier/Dictionary Builder User Guide	33
700-6892	MAILWAY Level I User's Manual for Office Information Systems	86
700-6896	Alliance Visual Memory: A Learning Guide	24
700-6897	Alliance System Administrator's Guide (Interim)	23
700-6898	OIS Advanced Functions Quick Reference Guide	28
700-6913	What is Word Processing? (German edition)	28
700-6914	What is Word Processing? (French edition)	28
700-6935	Wangwriter Data Sheet (International)	44
700-6936	Wangwriter Unpacking & Installation Guide	37
700-6937A	2200 Word Processing Operator's Guide	53
700-6941	Photocomposition Application Notes	41
700-6944	Introduction to Wang Office Systems	28
700-6946	Wanglaw Forms Kit	80
700-6957	Alliance 250 CP/M Data Sheet	43
700-6958	Wangwriter CP/M Operating System Summary Card	36
700-6959	Alliance Facts and Features	22
700-6961	2200 Programmer's Guide to Word Processing	51
700-6962	Alliance BASIC Reference Manual	21
700-6963	Alliance BASIC System Support Manual	21
700-6965	Alliance User Summary Card	24

**NUMERICAL INDEX**

<b>NUMBER</b>	<b>TITLE</b>	<b>PAGE</b>
700-6970	Alliance Word Processing Transition Guide	25
700-6971	DVX Administrator's Manual	85
700-6974	OIS List Processing Workbook	30
700-6975	WA3451 Asynchronous/Synchronous Modem User Manual	68
700-6976	MAILWAY Level I User's Manual for Word Processing Systems	87
700-6978	2200 3271 Emulation User Guide	92
700-6978.01	2200 3271 Emulation User Guide Addendum	93
700-6979	2200 3271 BSC Implementation Guide and User Manual	93
700-6980	OIS 3270 Emulation User Guide	95
700-6980.01	OIS 3270 Emulation User Guide Addendum	95
700-6981	Wangwriter TTY Data Sheet	43
700-6982	OIS Telecommunications User Manual	96
700-6983	Glossary Training Workbook	29
700-6985A	A Primer on Voice Communications	85
700-6988	Alliance Voice Transcription Guide	25
700-6989	Audio Workstation Author Guide	85
700-6998	Model 6509 Tape Drive User Manual	39
700-6999	Model 6509 Magnetic Tape Drive Operating Procedures Summary Card	39
700-7001	Wangwriter "Do Not Disturb" Letter	36
	MAILWAY Level III Administrator's Manual for	
700-7003.01	VS Distribution Points	88
700-7005	2200 DW/22-20 Daisy Printer Data Sheet	70
700-7007	DW-OS 20 Series Daisy Printers Data Sheet	43
700-7009	OIS Overview Manual	33
700-7010	5577 High-Density Matrix Printer Data Sheet	44
700-7011	Powerful Resource for Information and System Management (PRISM) Data Sheet	70
700-7012A	MAILWAY Level II or III User's Manual for Extended OIS Distribution Points	87
700-7013	Math Support Package Student Handbook	30
700-7014	Math Support Package Instructor Guide	29
700-7016	Alliance Audio Workstations Data Sheet	43
700-7017	Alliance Image Transfer System Data Sheet	43
700-7018	OIS Advanced Functions Training Workbook	30
700-7019A	CP/M Reference Manual	26
700-7020	Alliance Printers Data Sheet	43
700-7022A	Alliance BASIC Data Sheet	43
700-7027A	Alliance 250 Optional Software Data Sheet.	43
700-7029	Wangwriter 2780/3780 Emulation Data Sheet	95
700-7030A	Alliance 250 Data Sheet	43
700-7032	Alliance WISE Data Sheet	43
700-7033	OIS List Processing Operators Quick Reference Guide	31
700-7034	OIS List Processing Supervisory Procedures Guide	32
700-7036	Wangwriter Data Sheet (French Edition)	44
700-7041	2245 Matrix Printer Data Sheet (French.Edition)	70
700-7044	Wangwriter 2236DE Interactive Terminal Emulation Data Sheet	95
700-7046	Alliance CP/M Primer	25
700-7046	CP/M Primer	22
700-7048	Series 5700, 5800, 5900 Ergonomic Workstations Summary Card	39
700-7050	MAILWAY Level III Data Sheet (French.Edition)	95
700-7053	2200 DW/22-20 Daisy Printer Data Sheet (French.Edition)	70

## NUMERICAL INDEX

NUMBER	TITLE	PAGE
700-7056	2233 Line Printer Data Sheet (French.Edition)	70
700-7060	DW-OS 20 Series Daisy Printers Data Sheet (French.Edition)	43
700-7062	2235 Line Printer Data Sheet (French.Edition)	70
700-7065	5577 High-Density Matrix Printer Data Sheet (French.Edition)	44
700-7068	Wangwriter Dual Diskette Data Sheet (French.Edition)	44
700-7072	Alliance Spell Reference Guide	23
700-7074	2247V 4 Modem Sharing Unit Data Sheet	70
700-7075	2200 ICS 2780 and 3780 Emulators User Guide	93
700-7078	2200LVP/LVPC Product Data Sheet (French.Edition)	70
700-7084	2200MVP Data Sheet (French.Edition)	70
700-7089	OIS 105/115 Data Sheet	43
700-708I	Powerful Resource for Information System Management (PRISM) Data Sheet (French Edition)	70
700-7092	Alliance WISE Data Sheet (French.Edition)	43
700-7099	MAILWAY Level III Administrator's Manual for VS Distribution Centers	88
700-709I	Alliance Image Transfer System Data Sheet (French.Edition)	43
700-7100	MAILWAY Level III User's Manual for Portable Workstations	88
700-7101	DVX Reference Card	85
700-7102	2200 ICS Utilities User Guide	93
700-7110	MAILWAY Reference Manual	89
700-7116A	WangNet Pre-Installation Guide	90
700-7118	Alliance Customer Registration Card	22
700-7119	MAILWAY Implementation Guide	89
700-7120A	Word Processing Systems Data Sheet	44
700-7121	2200 ASC 1 and BSC 1 Communications User Guide for 2200T and PCS-II/IIA	91
700-7122	2200 Asynchronous 1 Communications User Guide for 2200VP, LVP, MVP, and SVP	91
700-7123	2200 Binary Synchronous Communications (BSC1) User Guide for 2200VP, LVP, MVP, and SVP	92
700-7125	5577 High Density Matrix Printer	28
700-7125.01	5577 High Density Matrix Printer Addendum	28
700-7138	OIS Minidiskette Workstation Data Sheet (French.Edition)	43
700-7141	Alliance Advanced Functions Reference Guide	21
700-7143	Alliance 250 Optional Software Data Sheet (French.Edition)	24
700-7143	Alliance Visual Memory Administrator's Guide	24
700-7144	Alliance User Summary Card for Time Management Guide	24
700-7145	Wangwriter Data Sheet	44
700-7147	Alliance Notebook Reference Guide	23
700-7149	Alliance Batch Communication User Guide	95
700-7151	2236 Interactive Terminal Data Sheet	70
700-7152	Alliance Math Support Package Reference Guide	23
700-7155	Model LPS-12 Laser Printing System Data Sheet	43
700-7157	Alliance Word Processing: A Learning Guide	25
700-7159	Alliance Notebook Administrator's Guide	23
700-7166	WangNet FFM96232 & FFM64449 Fixed-Frequency Modems Data95 Sheet	95
700-7167	WTC-522 Telephone Coupler Data Sheet	95
700-7168	WangNet FFM96232 Fixed Frequency Modem User Guide	90
700-7170	2200 BASIC-2 Error Codes Pocket Guide	47
700-7173	WangNet Technical Description	90

**NUMERICAL INDEX**

<b>NUMBER</b>	<b>TITLE</b>	<b>PAGE</b>
700-7178	OIS SCI-TY Data Sheet	43
700-7180	WangNet DataSwitch User Guide	95
700-7181	WangNet FAM96232 Frequency-Agile Modem User Guide	89
700-7183	WangNet Cable Interface Unit Data Sheet	95
700-7184	WangNet DataSwitch Data Sheet	95
700-7185	WangNet FAM96232 Frequency-Agile Modem Data Sheet	95
700-7186	Alliance WISE Administrator's Guide	95
700-7188	Document Builder Data Sheet	81
700-7194	Glossary Quick Reference Card	27
700-7195	OIS CHARTER (Business Graphics Software) Data Sheet	81
700-7725	WangNet FFM64449 Fixed Frequency Modem User Guide	89
700-7553	2200 ICS TTY Emulator User Guide	93
700-7556	Alliance 3270 BSC Emulator Data Sheet	95
700-7557	Alliance 3270 BSC Emulator User Guide	95
700-7558	The Wang Professional Computer Communications Guide	59
700-7560	7500T Series OIS/Alliance Data Sheet	44
700-7576	Alliance Voice Document Administrator's Guide	24
700-7587	Audio Workstation Component Card	85
700-7588	The Wang Professional Computer Word Processing Manuals (Reference Guide/Training Guide)	59
700-7589	The Wang Professional Computer Documentation Guide	58
700-7590	The Wang Professional Computer Introductory Guide	58
700-7592	The Wang Professional Computer BASIC Language Guide	58
700-7593	The Wang Professional Computer Program Development Guide	58
700-7594	The Wang Professional Computer Compiled BASIC Reference Manual	58
700-7600	The Multiplan Reference Guide	59
700-7600	The Multiplan Training Guide	59
700-7608	Alliance Filing Reference Guide	22
700-7609	Alliance CP/M Administrator's Guide	22
700-7610	Alliance CP/M User Guide	22
700-7611	Word Processing Reference Manual	26
700-7615	7500T Series Data Communication Products Data Sheet	95
700-7626	Alliance Time Management Reference Guide	24
700-7627	Alliance Time Management Administrator's Guide	24
700-7628	Wangwriter Software License Agreement	37
700-7636	2200 Model 2336DW Interactive Terminal User Manual	55
700-7643	2200 BASIC-2 Multiuser Operating System (Release 2.4) Software Bulletin	48
700-7644	WangNet Cable Kit Installation Guide	90
700-7655	Remote WangNet Customer Pre-Installation Planning Guide	90
700-7662	Alliance/OIS Printers Data Sheet	43
700-7682	CP/M - 80 Data Sheet	81
700-7698	WangNet Peripheral Attachment Services Data Sheet	95
700-7711	WangNet Cable Kits Data Sheet	95
750-0003A	Wangwriter Pre-Installation Seminar	37
777-4002	Word Processing Training Package	26
777-4003	A Primer on Office Graphics	35
777-4004	A Primer on Computer Networks	89
777-4006A	Alliance Glossary Training Workbook	23
777-4007	Alliance Decision Processing Learning Guide	22
777-4014	Quick Reference Cards	26
777-4015	Word Processing Training Information Cards	26

## NUMERICAL INDEX

NUMBER	TITLE	PAGE
777-4010	Office Systems Training Guide	27
777-6282C	The Wangwriter Training Workbook	36
777-6597B	Wangwriter Glossary Training Workbook	37
800-1100-PO-04	VS Principles of Operation	64
800-1100PO-04.01	VS Principles of Operation Addendum	65
800-1101PI-05	VS Programmer's Introduction	65
800-1101PI-05.01f	VS Programmer's Introduction Addendum	65
800-2506-01	VS Punched Card Reader Data Sheet	71
800-1102SO-06	VS System Operation Guide	67
800-1104SM-03	VS System Management Guide	66
800-1107OS-03	VS Operating System Services	64
800-1110WS-02	VS/IIS Supervisor's Procedures	69
800-1113KO-01	VS KEYENTRY Operator's Guide	64
800-1114KS-01	VS KEYENTRY Supervisor's Guide	64
800-1122AR-01	VS/IIS Advanced Functions Reference Guide	69
800-1123TR.01	VS TOTAL Reference Guide	67
800-1129EQ-01	VS EZQUERY Reference	63
800-1200AS-03	VS Assembly Language Reference	61
800-1201CB-05	VS COBOL Reference	63
800-1202BA-04	VS BASIC Language Reference	62
800-1203RP-05	VS RPG II Language Reference	66
800-1203RP-05.01P	VS RPG II Language Reference Addendum	66
800-2304-02	VS Remote WangNet Data Sheet	95
800-1204CC-02	VS COBOL Conversion Guide	62
800-1205PR-04	VS Procedure Language Reference	65
800-1206RC-04	RPG II Conversion Guide	66
800-1208FR-01	VS FORTRAN Reference	63
800-1209PL-02	VS PL/I Language Reference Manual	64
800-1303UT-03	VS System Utilities Reference	67
800-1304PW-04	VS Programmer's Guide To VS/IIS	69
800-1305BC-01	VS Batch Communications User Guide	94
800-1306EM-02	VS 3271 Emulation User's Guide (2nd Edition)	94
800-1307PT-02	VS Program Development Tools Reference	65
800-1308FM-01	VS File Management Utilities Reference	63
800-1314TU-02	VS Teletypewriter Emulation (TTY) User's Guide	94
800-1315US-01	VS USERSUBS Reference	68
800-1316RU-01	Network User's Guide to File Transfer and Remote Logon	90
800-1317RO-01	Network Configuration and Operations Guide	90
800-1323CU-01	VS Card Reader Utility Reference	62
800-1325AI-01	VS General Purpose Asynchronous Communications Programmer's Guide	94
800-1326SE-01	VS Emulation of SNA 3274 and 3777, General Description	94
800-1407IW-02	VS/WP Introducing Word Processing on the VS	68
800-1446-01	VS Graphics Facility Data Sheet	71
800-1450IH-01	Introducing HRMS Pension	78
800-1451IH-02	Introducing HRMS Payroll	78
800-1452HU-01	Payroll I User Manual (Wang VS)	79
800-1453H-01	Introducing HRMS Personnel	78
800-1484-01	VS MATHPLANNER Data Sheet	71
800-1488HY-01	Payroll I System Administrator's Manual	79
800-1499TU-01	VS ATMSWPS Conversion Guide	61
800-1499TU-01.01	VS ATMSWPS Conversion Guide Addendum	62



**NUMERICAL INDEX**

<b>NUMBER</b>	<b>TITLE</b>	<b>PAGE</b>
800-1501TO-01	VS/IIS 5548Z Typesetter Operating Instructions	69
800-2101-04	VS System Software Data Sheet	71
800-2103-04	VS/WP Integrated Information System Data Sheet	71
800-2105-03	VS Processors Data Sheet	71
800-2107-03	VS Data Communications Data Sheet	95
800-2109-02	VS Teletypewriter Emulation (TTY) Data Sheet	95
800-2110-01	VS/IIS 5548z Typesetter Data Sheet	71
800-2113-01	VS EZQUERY Data Sheet	71
800-2201-07	VS Languages Data Sheet	71
800-2300-01	VS KEYENTRY Data Sheet	95
800-2302-01	VS SNA 3274 Emulation Data Sheet	95
800-2303-01	VS SNA 3777 Emulation Data Sheet	95
800-2304-02	Remote WangNet Data Sheet	81
800-2403SH-01	HRMS SUPER Payroll Application Sheet	81
800-2404SH-01	HRMS SUPER Personnel Application Sheet	71
800-2406RI-01	VS/IIS Readability Index Generator Data Sheet	71
800-2407LM-01	VS/IIS List Management Data Sheet	71
800-2500-01	VS Ergo 2 Ergonomic Data Sheet	71
800-2501-01	VS Ideographic Data Processing System (Japanese) Data Sheet	71
800-2502-01	VS Ideographic Data Processing System (Chinese) Data Sheet	71
800-2503-01	VS Workstations Data Sheet	71
800-2504-02	VS Disk Drives Data Sheet	71
800-2505-01	VS Tape Drive Data Sheet	71
800-2507-01	VS Printers Data Sheet	67
800-3102-01	VS-100 Technical Notes	71
800-3107-01	VS25 and VS45 Data Sheet	66
800-3109	VS Software Bulletin — Release 5.3	71
800-3301CP-02	VS User Aid COMPUTE	71
800-3302MA-01	VS User Aid MAIL	71
800-3303PR-01	VS User Aid PRINTVS	71
800-3308PI-01	VS User Aid PRINTIBM	71
800-3309XR-01	VS User Aid LIBRXREF	71

## NUMERICAL INDEX

NUMBER	TITLE	PAGE
800-3401SH-01	HRMS SUPER Pension Application Sheet	81
800-3402SH-01	HRMS Payroll 1 Application Sheet	81
800-6200CP-04	VS COBOL Quick Reference	62
800-6201PP-03	VS Procedure Language Quick Reference	65
800-6203AP-02	VS Assembly Language Pocket Guide	61
800-6204OP-02	VS Operating System Services Pocket Guide	64
800-6205BQ-01	VS BASIC Quick Reference	62
800-6207	VS TOTAL Pocket Guide	67
800-8201SP-05	VS SYSGEN Procedure (Release 5.0I)	66
800-I446-01	VS Graphics Facility Data Sheet	71
AL10	Alliance System Administrator	23
DB10	Introduction to VS TOTAL	67
DVX	DVX System Administrator	86
IDEAS 2	2200 Application Generation Using IDEAS 2	49
MVP50	Sharing the Resources of a Wang 2200MVP/LVP System	52
OIS 5 B	Introduction to OIS BASIC Programming	29
OISOB	OIS BASIC Implementation	30
P2A-116	HRMS Payroll User Manual Wang VS (Interim)	77
PC16	5548Z Photocomposition	41
PEN-052	HRMS Pension User Manual Wang VS (Interim)	77
PER-054	HRMS Personnel User Manual Wang VS (Interim)	77
PPA-018	HRMS Payroll/Personnel Installation Guide (Wang VS)	77
TC10	Fundamentals of Wang Telecommunications	96
VP30	Introduction to BASIC Programming	51
VP40	Programming with Data Files on Wang 2200VP	52
VS10	VS Administrative Functions	60
VS12	VS/WP Administrator	60
VS14	VS/MAILWAY Administrator	86
VS25	VS Programmer's Introduction	65
VS28C	VS Introduction to COBOL Programming	63
VS30B	Applications Programming in VS BASIC	60
VS30C	Application Program Development for VS COBOL	61
VS30R	Application Program Development for VS RPG II	61
VS40	Applications Design in the VS Environment	60

**ALPHABETICAL INDEX**

<b>TITLE</b>	<b>NUMBER</b>	<b>PAGE</b>
2200 2227B or Option 62 Buffered Asynchronous Communications Controller Data Sheet	700-3830D	95
2200 2228C/2228B/Option 28C/Option 28B Synchronous/Asynchronous Communications Controller Data Sheet	700-4143D	95
2200 2228D or Option 28D Data Communications Data Sheet	700-6286	95
2200 2741 Emulation Software Utility Data Sheet	700-4706B	95
2200 5870/3780 Emulation Software Utility Data Sheet	700-4709B	95
2200 3270 Emulations (SNA and BSC) Data Sheet	700-6871A	95
2200 3271 BSC Implementation Guide and User Manual	700-6979	93
2200 3271 Emulation User Guide	700-6978	92
2200 3271 Emulation User Guide Addendum	700-6978.01	93
2200 3275 BSC Emulator User Manual	700-4826B	93
2200 3740 Diskette Compatibility Software User Manual	700-4369C	49
2200 3741 Emulation Software Utility Data Sheet	700-4708B	95
2200 ASC 1 and BSC 1 Communications User Guide for 2200T and PCS-II/IIA	700-7121	91
2200 Application Generation Using IDEAS 2	IDEAS 2	49
2200 Asynchronous 1 Communications User Guide for 2200VP, LVP, MVP, and SVP	700-7122	91
2200 BASIC Disk Reference Manual	700-1309J	47
2200 BASIC-2 Disk Reference Manual	700-4081G	47
2200 BASIC-2 Error Codes Pocket Guide	700-7170	47
2200 BASIC-2 Language Pocket Guide	700-5992	47
2200 BASIC-2 Language Reference Manual	700-4080D	47
2200 BASIC-2 Multiuser Operating System (Release 2.4) Software Bulletin	700-7643	48
2200 BASIC-2 Utilities Reference Manual	700-6856	48
2200 BASIC-3 Language Reference Manual	700-6868	48
2200 BASIC-3/COBOL System Operations Guide	700-6870	48
2200 Binary Synchronous Communications (BSC1) User Guide for 2200VP, LVP, MVP, and SVP	700-7123	92
2200 Burroughs Emulation Software Utility Data Sheet	700-4705B	95
2200 COBOL Coding Forms	700-6817	48
2200 COBOL Language Reference Manual (Release 1)	700-6869	48
2200 COBOL Language Reference Manual (Release 1) Addendum	700-6869.01	48
2200 DATAMERGE User Manual	700-6881A	49
2200 DW/22-20 Daisy Printer Data Sheet	700-7005	70
2200 DW/22-20 Daisy Printer Data Sheet (French Edition)	700-7053	70
2200 Data Collection Software Utility Manual	700-6553	49
2200 Enhanced 2780/3780 Emulation Data Sheet	700-6819	95
2200 Envelope Feeder User Manual	700-6833	49
2200 Ergo-2 Workstation Data Sheet	700-6874	70
2200 General I/O Instruction Set Reference Manual	700-3514F	49
2200 Graphic Utility System (GUS) Manual, Release 4	700-4335C	49
2200 HASP Multi-Leaving Emulation Software Utility Data Sheet	700-4707B	95
2200 ICS 2780 and 3780 Emulators User Guide	700-7075	93
2200 ICS TTY Emulator User Guide	700-7553	93

# ALPHABETICAL INDEX

TITLE	NUMBER	PAGE
2200 ICS Utilities User Guide	700-7102A	87
2200 IDEAS (Inquiry Data Entry Access System) Familiarization Guide	700-5939A	50
2200 IDEAS (Inquiry Data Entry Access System) User Manual	700-5778B	50
2200 ISS Release 2 Reference Card	700-3872A	50
2200 ISS Release 5 Reference Card	700-5560A	50
2200 Integrated Support System (ISS) User Manual, Release 2	700-3657D	50
2200 Integrated Support System (ISS) User Manual, Release 3.2	700-4254B	50
2200 Integrated Support System (ISS) User Manual, Release 5	700-5010A	50
2200 Matrix Statements Reference Manual	700-3332E	51
2200 Model 2227B/Option 62 Buffered Asynchronous Communications Controller User Manual	700-4114C	92
2200 Model 2228B/2228C/Option 62B Synchronous/ Asynchronous Communications Controller User Manual	700-4670A	92
2200 Model 2228B/2228C/Option 62B Synchronous/ Asynchronous Communications Controller User Manual	700-4670A	92
2200 Model 2336DW Interactive Terminal User Manual	700-7636	55
2200 Optional Furniture Data Sheet	700-5134	70
2200 Peripherals Data Sheet	700-6820	70
2200 Plotter Demo User Manual	700-4094	51
2200 Plotter Utilities Manual	700-3838D	51
2200 Programmer's Guide to Word Processing	700-6961	51
2200 Programming in BASIC	700-3231G	51
2200 Remote Control and Maintenance System User Manual	700-6848	92
2200 Remote Control and Maintenance Data Sheet	700-6285A	95
2200 Report Program Language (RPL) User Manual	700-3766C	52
2200 Software Catalog	700-6517	53
2200 TC Support Utilities 1 User Manual	700-4086	92
2200 TC Support Utilities 1 User Manual Addendum	700-4086.01	92
2200 Teletype Emulation Software Utility Data Sheet	700-4704B	95
2200 Text Editing Utilities User Manual	700-4043D	80
2200 Word Processing Operator's Guide	700-6937A	53
2200 Word Processing Software Data Sheet	700-6560	70
2200 Word Processing Supervisor's Manual	700-6864A	53
2200 X.25 Packet Network Interface Data Sheet	700-6826	95
2200LVP Introductory Manual	700-6164A	52
2200LVP/LVPC Product Data Sheet	700-5796D	70
2200LVP/LVPC Product Data Sheet (French Edition)	700-7078	70
2200MVP Data Sheet	700-4656F	70
2200MVP Data Sheet (French Edition)	700-7084	70
2200MVP Introductory Manual	700-4693D	52
2200MVP and LVP Systems Option C Data Sheet	700-6832	70
2200SVP Introductory Manual	700-6163	53
2200SVP Product Data Sheet	700-5974B	70
2200VP Central Processing Unit (CPU) Data Sheet	700-4051C	70
2200VP Introductory Manual	700-4082A	53
2209A Nine Track Reel-to-Reel Magnetic Tape Drive Data Sheet	700-4261	70

**ALPHABETICAL INDEX**

<b>TITLE</b>	<b>NUMBER</b>	<b>PAGE</b>
2211M Printer Multiplexer Data Sheet	700-5224A	70
2230MXA-1/MXB-1 Data Sheet	700-3740E	70
2231W-3 Line Printer Data Sheet	700-4375C	70
2231W-6 Line Printer Data Sheet	700-4677B	70
2233 Line Printer Data Sheet (French Edition)	700-7056	70
2235 Line Printer Data Sheet	700-6565A	70
2235 Line Printer Data Sheet (French Edition)	700-7062	70
2236 Interactive Terminal Data Sheet	700-7151	70
2236DE Interactive Terminal Data Sheet	700-5544B	70
2236DW Integrated Terminal Data Sheet	700-6564A	70
2236MXD Terminal Processor Data Sheet	700-4807C	70
2245 Matrix Printer Data Sheet	700-6873A	70
2245 Matrix Printer Data Sheet (French Edition)	700-7041	70
2247V 4 Modem Sharing Unit Data Sheet	700-7074	70
2250 or Option 67 8-Bit Parallel I/O Interface Controller Data Sheet	700-3253D	95
2252A Scanning Input Interface Controller Data Sheet	700-3532C	70
2254 IEEE-488 Interface Data Sheet	700-4008D	95
2260BC Fixed/Removable Disk Drive Data Sheet	700-4819C	70
2260C Fixed/Removable Disk Drive Data Sheet	700-4692B	70
2263 Line Printer Data Sheet	700-4149C	70
2270A IBM 3740 Compatible Diskette Drive Data Sheet	700-4152C	95
2272-2 Digital Drum Plotter Data Sheet	700-3826F	70
2273 Band Printer Data Sheet	700-5217A	71
2280/2280N Disk Multiplexer Data Sheet	700-5931	71
2280/2280N Fixed/Removable Disk Drive Data Sheet	700-4843C	71
2281W Printer/Plotter Data Sheet	700-5743A	71
2281WC Printer/Plotter Data Sheet	700-5950A	71
2282 Graphic CRT Data Sheet	700-4378C	71
2336 DW Integrated Terminal Data Sheet	700-7151	71
3271 Emulation Information Sheet	700-6386A	95
5531-2 120cps Line Printer Data Sheet	700-4333G	44
5533 Bidirectional Matrix Printer Data Sheet	700-6845A	44
5535 Matrix Printer Data Sheet	700-6563A	44
5536-1 Workstation Data Sheet	700-5291	44
5536-2 Workstation Data Sheet	700-5292B	44
5541W Daisy Printer Data Sheet	700-4788C	44
5541WC Wide Carriage Printer Data Sheet	700-4786C	44
5548Z Photocomposition	PC16	41
5574 600-LPM Band Printer Data Sheet	700-6877	44
5577 High Density Matrix Printer	700-7125	28
5577 High Density Matrix Printer Addendum	700-7125.01	28
5577 High-Density Matrix Printer Data Sheet	700-7010	44
5577 High-Density Matrix Printer Data Sheet (French Edition)	700-70655	44
581WD Twin Head Daisy Printer Data Sheet	700-5521C	44
5938/5939 Proportional Space Workstations Data Sheet	700-6856	44
6509 Nine-Track Tape Drive Data Sheet	700-6835A	44
6550-1 WISE (Wang Inter-System Exchange) Data Sheet	700-5532C	95
6560/6580 Fixed/Removable Disk Drives Data Sheet	700-5200	44
6560D Fixed/Removable Disk Data Sheet	700-5194	44
6565 Disk Drive Data Sheet	700-5779	44

## ALPHABETICAL INDEX

TITLE	NUMBER	PAGE
6581W Daisy Printer Data Sheet	700-5127C	44
6581WC Wide Carriage Printer Data Sheet	700-5128B	44
7500T Series Data Communication Products Data Sheet	700-7615	95
7500T Series OIS/Alliance Data Sheet	700-7560	44
7520T Word Processing System Data Sheet	700-6580	44
7525-3T Word Processing System Data Sheet	700-6576A	44
7526HT Workstation Data Sheet	700-6577	44
7530T Word Processing System Data Sheet	700-6578	44
7581WCT Printer Data Sheet	700-6579	44
7581WT Daisy Printer Data Sheet	700-6575	44
A Guide for Office Systems Supervisors	700-5043A	29
A Primer on Computer Networks	777-4004	89
A Primer on Office Graphics	777-4003	35
A Primer on Voice Communications	700-6985	25
AWS-1 Archiving Work Station Data Sheet	700-5054A	43
Accessories Data Sheet	700-4109F	43
Alliance 250 Data Sheet	700-7030A	43
Alliance 250 Optional Software Data Sheet	700-7027A	43
Alliance 250 Optional Software Data Sheet (French Edition)	700-7143	43
Alliance 3270 BSC Emulator User Guide	700-7557	95
Alliance 3270 BSC Emulator Data Sheet	700-7556	95
Alliance Advanced Functions Reference Guide	700-7141	21
Alliance Audio Workstations Data Sheet	700-7016	43
Alliance BASIC Data Sheet	700-7022A	43
Alliance BASIC Reference Manual	700-6962	21
Alliance BASIC System Support Manual	700-6963	21
Alliance Batch Communication User Guide	700-7149	95
Alliance CP/M Administrator's Guide	700-7609	22
Alliance CP/M User Guide	700-7610	22
Alliance Customer Registration Card	700-7118	22
Alliance Decision Processing Learning Guide	777-4007	22
Alliance Facts and Features	700-6959	22
Alliance Filing Reference Guide	700-7608	22
Alliance Glossary Training Workbook	777-4006A	23
Alliance Image Transfer System Data Sheet	700-7017	43
Alliance Image Transfer System Data Sheet (French Edition)	700-709I	43
Alliance Math Support Package Reference Guide	700-7152	23
Alliance Notebook Administrator's Guide	700-7159	23
Alliance Notebook Reference Guide	700-7147	23
Alliance Printers Data Sheet	700-7020	43
Alliance Spell Reference Guide	700-7072	23
Alliance System Administrator	AL10	23
Alliance System Administrator's Guide (Interim)	700-6897	23
Alliance Time Management Administrator's Guide	700-7627	24
Alliance Time Management Reference Guide	700-7626	24
Alliance User Summary Card	700-69654	24
Alliance User Summary Card for Time Management Guide	700-7144	24
Alliance Visual Memory Administrator's Guide	700-7143	24
Alliance Visual Memory: A Learning Guide	700-6896	24

## ALPHABETICAL INDEX

TITLE	NUMBER	PAGE
Alliance Voice Document Administrator's Guide	700-7576	24
Alliance Voice Transcription Guide	700-6988	25
Alliance WISE Administrator's Guide	700-7186	95
Alliance WISE Data Sheet	700-7032	43
Alliance WISE Data Sheet (French Edition)	700-7092	43
Alliance WISE User Guide	700-6867	25
Alliance Word Processing Transition Guide	700-6970	25
Alliance Word Processing: A Learning Guide	700-7157	25
Alliance/OIS Printers Data Sheet	700-7662	43
Analysis of Covariance User Manual	700-4626	75
Analysis of Variance (ANOVA) User's Manual (Diskette, Minidiskette)	700-3867C	75
Application Program Development for VS COBOL	VS30C	61
Application Program Development for VS RPG II	VS30R	61
Applications Design in the VS Environment	VS40	60
Applications Programming in VS BASIC	VS30B	60
Audio Workstation Author Guide	700-6989	85
Audio Workstation Component Card	700-7587	85
BASIC-3 Data Sheet	700-6815	70
Bidirectional Forms Tractor Operating Procedures Summary Card	700-6153	25
Bioassay and Probit Analysis User Manual	700-4602A	75
COBOL Data Sheet	700-6814	70
CP/M - 80 Data Sheet	700-7682	81
CP/M 2.2 Operating System on the Wangwriter Application Sheet	700-6852	44
CP/M Primer	700-7046	25
CP/M Reference Manual	700-7019A	26
Column Edit Application Sheet	700-5068A	43
Column Edit User Manual	700-5104C	25
Customer Site Planning Guide	700-5978C	26
DATAMERGE Data Sheet	700-6859	70
Decision Processing Reference Guide	700-4614C	29
Digital Audio Delay Model 150 Data Sheet	700-5142	43
Document Builder Data Sheet	700-7188	81
Document Summary Collection Application Sheet	700-6118A	81
DVX (Digital Voice Exchange) Data Sheet	700-6850A	95
DVX Administrator's Manual	700-6971	85
DVX Reference Card	700-7101	85
DVX System Administrator	DVX	86
DW-OS 20 Series Daisy Printers Data Sheet	700-7007	43
DW-OS 20 Series Daisy Printers Data Sheet (French Edition)	700-7060	43
Envelope Feeder User Manual	700-6252A	26
Ergonomic Workstation Data Sheet	700-6813	43
Forms Feeder Operating Procedures Summary Card	700-5255B	27
Fundamentals of Wang Telecommunications	TC10	96
GBS Release 2 Accounts Payable/General Ledger System Manual	700-6203A	75
GBS Release 2 Bill of Material System Manual	700-6508	75
GBS Release 2 Invoicing, Accounts Receivable and Order Entry, Inventory Control User Manual	700-5772A	76

# ALPHABETICAL INDEX

TITLE	NUMBER	PAGE
GBS Release 2 Payroll User Manual	700-5759A	76
GBS Release 2 Sample Reports Manual	700-6554	75
GBS/MVP MOD III User Manual	700-5701	76
GBS/MVP MODs I-IV Technical Guide, Release 2	700-5022B	76
GBS/MVP Payroll System Manual	700-5927A	76
GBS/MVP System Manual (Interim)	700-5926	76
GLBR 22 — Mathematics General Program Library	700-3118E	77
GLBR 22A — Statistics/Engineering General Program Library	700-3120E	77
GLBR 22B — Finance/Utilities/Games General Program Library	700-3119D	77
Glossary Quick Reference Card	700-7194	27
Glossary Training Workbook	700-6983	29
HRMS Payroll 1 Application Sheet	800-3402SH-01	81
HRMS Payroll User Manual Wang VS (Interim)	P2A-116	77
HRMS Payroll/Personnel Installation Guide (Wang VS)	PPA-018	77
HRMS Pension User Manual Wang VS (Interim)	PEN-052	77
HRMS Personnel User Manual Wang VS (Interim)	PER-054	77
HRMS SUPER Payroll Application Sheet	800-2403SH-01	81
HRMS SUPER Pension Application Sheet	800-3401SH-01	81
HRMS SUPER Personnel Application Sheet	800-2404SH-01	81
IDEAS (Inquiry Data Entry Access Method) Release 2 Data Sheet	700-6603	70
Ideographic Word Processing Operator Guide — Chinese System Edition	700-6841	27
Ideographic Word Processing Operator Guide — Chinese System Edition Errata Sheet	700-6841.01	27
Internal Sales Reporting System User Manual	700-4836A	78
Introducing GBS Release 2	700-6822	78
Introducing HRMS Payroll	800-1451IH-02	78
Introducing HRMS Pension	800-1450IH-01	78
Introducing HRMS Personnel	800-1453HI-01	78
Introduction to BASIC Programming	VP30	51
Introduction to OIS BASIC Programming	OIS 5 B	29
Introduction to VS TOTAL	DB10	67
Introduction to Wang Office Systems	700-6944	28
Inventory Management System Release 2 User Manual	700-6555	78
IP41D Intelligent Image Printer Data Sheet	700-5060C	43
ISS Data Sheet	700-6161	70
MAILWAY Capabilities Guide (2.1)	700-5979A	86
MAILWAY Implementation Guide	700-7119	89
MAILWAY Level I Data Sheet	700-6103B	95
MAILWAY Level I User's Manual for Office Information Systems	700-6892	86
MAILWAY Level I User's Manual for Word Processing Systems	700-6976	87
MAILWAY Level II Data Sheet	700-6102A	95
MAILWAY Level II or III User's Manual for Extended OIS Distribution Points	700-7012A	87
MAILWAY Level II or III User's Manual for Office Information Systems	700-6516A	87
MAILWAY Level II or III User's Manual for Office Information Systems (Addendum)	700-6516A.01	87



**ALPHABETICAL INDEX**

<b>TITLE</b>	<b>NUMBER</b>	<b>PAGE</b>
MAILWAY Level II or III User Manual for Word Processing Systems	700-6276A	87
MAILWAY Level II or III User Manual for Word Processing Systems (Addendum)	700-6276A.01	88
MAILWAY Level III Administrator's Manual for VS Distribution Points	700-7003.01	88
MAILWAY Level III Administrator's Manual for VS Distribution Centers	700-7099	88
MAILWAY Level III Data Sheet	700-6101A	95
MAILWAY Level III Data Sheet (French Edition)	700-7050	95
MAILWAY Level III User's Manual for VS Distribution Centers	700-6843A	88
MAILWAY Level III User's Manual for VS Distribution Points	700-6844A	88
MAILWAY Level III User's Manual for Portable Workstations	700-7100	88
MAILWAY Reference Manual	700-7110	89
Management Statistics System Application Sheet	700-6503	81
Math Support Package Instructor Guide	700-7014	29
Math Support Package Student Handbook	700-7013	30
Mathematics Support Package Applications User Manual	700-4732D	29
Mathematics Support Package User Manual	700-4671E	30
Mathematics Support Package Application Sheet	700-5096A	81
MCR-1 Mag Card Reader	700-5109C	43
Model 2207A I/O Interface Controller User Manual	700-3364C	53
Model 2209A Nine-Track Tape Drive User Manual	700-4358B	53
Model 2209A Nine-Track Tape Utilities Manual	700-4325A	54
Model 2231W-3 Matrix Printer User Manual	700-4457A	54
Model 2231W-6 Matrix Printer User Manual	700-5040	54
Model 2233 Line Printer User Manual	700-6854	54
Model 2235 Line Printer User Manual	700-6816	54
Model 2236DE Interactive Terminal User Manual	700-5711B	54
Model 2236DE User Manual Addendum	700-5711B.01	55
Model 2245 Matrix Printer User Manual	700-6866B	55
Model 2250/Option 67 8-Bit-Parallel I/O Interface Controller User Manual	700-3156B	55
Model 2254 Interface User Manual	700-4136A	55
Model 2260BC/2260C Disk Drive User Manual	700-5102A	55
Model 2263 Line Printer User Manual	700-4251B	56
Model 2270 Series Diskette Drive User Manual	700-5107	56
Model 2272-2 Digital Drum Plotter User Manual	700-3869C	56
Model 2273 Band Printer User Manual	700-5726A	56
Model 2280/2280N Disk Drive User Manual	700-5216A	56
Model 2281W Printer/Plotter User Manual	700-5744B	56
Model 2281WC Printer/Plotter User Manual	700-6255	57
Model 2282 Graphic CRT Plotter User Manual	700-4627A	57
Model 5533/5535 Bidirectional Matrix Printer User Manual	700-6594A	38
Model 5541W Daisy Printer User Manual	700-4790D	38
Model 5541WC Wide Carriage Printer User Manual	700-4789E	38
Model 5574 Band Printer User Manual	700-6878A	39

# ALPHABETICAL INDEX

TITLE	NUMBER	PAGE
Model 5581WD Twin-Head Daisy Printer User Manual	700-5588B	39
Model 6509 Magnetic Tape Drive Operating Procedures Summary Card	700-6999	39
Model 6509 Tape Drive User Manual	700-6998	39
Model 6560 Disk Drive Operating Procedures Summary	700-5271A	39
Model 6565 Disk Drive (275MB) Operating Procedures Summary Card	700-6849	39
Model 6580 Disk Drive Operating Procedures Summary	700-5272A	40
Model 6581W Daisy Printer Procedures Summary Card	700-5257B	40
Model 6581W Daisy Printer User Manual	700-5176B	40
Model 6581WC Wide Carriage Printer User Manual	700-5138E	40
Model 7520T Stand-Alone Procedures Summary Card	700-6602	40
Model 7520T Word Processor Stand-Alone Configuration Sheet	700-6571A	40
Model 7525-3T Word Processing System Configuration Sheet	700-6572A	40
Model 7525-3T and 7530T Procedures Summary Card	700-6818	40
Model 7530T Word Processing System Configuration Sheet	700-6570A	41
Model 7581WT and 7581WCT Daisy Printer Procedures Summary Card	700-6601	41
Model LPS-12 Laser Printing System Data Sheet	700-7155	43
Multiple Comparison Tests User Manual	700-4460A	79
Network Configuration and Operations Guide	800-1317RO-01	90
Network User's Guide to File Transfer and Remote Logon	800-1316RU-01	90
NK-1 Numeric Keypad Option	700-4795C	43
OCR-1 Optical Character Recognition Option Data Sheet	700-4713D	43
Office Systems Training Guide	777-4010	27
OIS 105 Configuration Sheet	700-6168A	34
OIS 105 Configuration Sheet (French edition)	700-6590A	34
OIS 105/115 Data Sheet	700-7089	43
OIS 115 Configuration Sheet	700-6167A	34
OIS 125 Data Sheet	700-5524A	43
OIS 125A Configuration Sheet	700-6166A	34
OIS 125A Data Sheet	700-6174A	43
OIS 125A/130A Operating Procedures Summary Card	700-6269	34
OIS 130 Data Sheet	700-5061C	43
OIS 130A Configuration Sheet	700-6165A	34
OIS 130A Configuration Sheet (French edition)	700-6593A	34
OIS 130A Data Sheet	700-6175	43
OIS 140 Configuration Sheet	700-4841E	35
OIS 140 Data Sheet	700-4840C	43
OIS 145 Configuration Sheet	700-5264B	35
OIS 145 Data Sheet	700-5523C	43
OIS 3270 BSC Emulation Data Sheet	700-5530A	95
OIS 3270 Emulation User Guide	700-6980	95
OIS 3270 Emulation User Guide Addendum	700-6980.01	95
OIS Advanced Functions Application Sheet	700-6557	81
OIS Advanced Functions Quick Reference Guide	700-6898	28
OIS Advanced Functions Training Workbook	700-7018	30
OIS Automatic Paragraph Numbering/Table of Contents Generator Application Sheet	700-5753	81
Application Sheet	700-5753	81
OIS BASIC Data Sheet	700-5528C	43

# ALPHABETICAL INDEX

TITLE	NUMBER	PAGE
OISOB		30
OIS BASIC Implementation	700-5750B	30
OIS BASIC Language Reference Manual	700-5750B.03	31
OIS BASIC Language Reference Manual Addendum	700-5721B	31
OIS BASIC Programmer's Introduction	700-5961B	31
OIS BASIC System Support Manual	700-5961B.01	31
OIS BASIC System Support Manual Addendum	700-5752	81
OIS Calculator Application Sheet	700-7195	81
OIS CHARTER (Business Graphics Software) Data Sheet	700-6713A	31
OIS Customer Planning and Resource Guide	700-5790	81
OIS Document Merge Application Sheet	700-6118	81
OIS Document Summary Collection Application Sheet	700-6190	43
OIS Envelope Feeder Data Sheet	700-6278	31
OIS Format Modification User Manual	700-6148B	43
OIS Ideographic Word Processor Data Sheet	700-5751	81
OIS Index Generator Application Sheet	700-6107B	81
OIS List Processing Application Sheet	700-6599S	43
OIS List Processing Data Sheet (French Edition)	700-7033	31
OIS List Processing Operators Quick Reference Guide	700-7034	32
OIS List Processing Supervisory Procedures Guide	700-6974	30
OIS List Processing Workbook	700-6583	32
OIS Mailbox User Manual	700-6556	32
OIS Management Statistics System User Manual		
OIS Minidiskette Archiving Workstation	700-6875	32
Operating Procedures Summary Card	700-6875	32
Summary Card	700-6519	43
OIS Minidiskette Workstation Data Sheet		
OIS Minidiskette Workstation Data Sheet	700-7138	43
(French Edition)	700-6569	32
OIS Model MCR-1 Mag Card Reader User Manual	700-5740C	32
OIS Operator Quick Reference Guide	700-7009	33
OIS Overview Manual		
OIS Proportional Space Workstation Operating	700-6876	33
Procedure Summary Card	700-6600A	43
OIS Readability Index Application Sheet	700-6831B	33
OIS Readability Index User Manual	700-7178	43
OIS SCI-TY Data Sheet	700-5095B	43
OIS Sort Application Sheet	700-6857	81
OIS Spelling Verifier Application Sheet	700-6888	33
OIS Spelling Verifier/Dictionary Builder User Guide	700-6298	33
OIS Super Global Replace User Manual	700-5562C	33
OIS Supervisor Procedures Manual	700-5741C	34
OIS Supervisor Quick Reference Guide	700-6643A	34
OIS System Administrator's Course	700-6865A	34
OIS System Security User Manual	700-6982	96
OIS Telecommunications User Manual	700-6851	81
OIS Typewriter Application Sheet	800-1488HY-01	79
Payroll I System Administrator's Manual	800-1452HU-01	79
Payroll I User Manual (Wang VS)	700-4745A	79
Payroll Master File Input Forms	700-6941	41
Photocomposition Application Notes	700-5098	41
Photocomposition Glossary of Terms		
PIO Phototypesetter Input Option (Paper Tape Punch	700-4420D	44
and Translator Data Sheet		

# ALPHABETICAL INDEX

TITLE	NUMBER	PAGE
Powerful Resource for Information and System Management (PRISM) Data Sheet	700-7011	70
Powerful Resource for Information System Management (PRISM) Data Sheet (French Edition)	700-708I	70
Printer Procedures Summary	700-6828	41
Programming with Data Files on Wang 2200VP	VP40	52
PROMIS Demo Guide	700-6160	79
RadiolmmunoAssay Data System (RIADS) (Diskette) Operator's Manual	700-4231B	79
Regression Analysis User Manual	700-3859C	79
Remote WangNet Customer Pre-Installation Planning Guide	700-7655	90
Remote WangNet Data Sheet	800-2304-02	95
Retail Business System Demo Guide	700-5587	80
Ribbon Cartridge and Print Wheel Replacement for the Model 5541 Daisy Printer	700-5213	35
RPG II Conversion Guide	800-1206RC-04	66
Sequential Analysis (Diskette) User Manual	700-3666C	80
Series 5700, 5800, 5900 Ergonomic Workstations Summary Card	700-7048	39
Sharing the Resources of a Wang 2200MVP/LVP System	MVP50	52
Sort Application Sheet	700-6251	43
Sort Option User Manual	700-4672D	35
System Security Application Sheet	700-5094C	81
The Multiplan Reference Guide	700-7600	59
The Multiplan Training Guide	700-7600	59
The Wang Professional Computer Documentation Guide	700-7589	58
The Wang Professional Computer Introductory Guide	700-7590	58
The Wang Professional Computer BASIC Language Guide	700-7592	58
The Wang Professional Computer Program Development Guide	700-7593	58
The Wang Professional Computer Compiled BASIC Reference Manual	700-7594	58
The Wang Professional Computer Communications Guide	700-7558	59
The Wang Professional Computer Word Processing Manuals (Reference Guide/Training Guide)	700-7588	59
The Wangwriter Training Workbook	777-6282C	36
Twin Sheet Feeder — System 5	700-5147C	36
Twin Sheet Feeder Data Sheet	700-4495D	43
Twin Sheet Feeder Operating Procedures Summary	700-5268C	35
Twin Sheet Feeder System 5 Data Sheet	700-5147C	36
Twin Sheet Feeder User Manual	700-4664D	36
Typesetter 5548z 8-Level Character Set Manual	700-6502A	42
Typesetter 5548z Data Sheet	700-5948B	44
Typesetter 5548z Reference Manual	700-5945B	42
VS 3271 Emulation User's Guide (2nd Edition)	800-1306EM-02	94
VS ATMSWPS Conversion Guide	800-1499TU-01	61
VS ATMSWPS Conversion Guide Addendum	800-1499TU-01.01	62
VS Administrative Functions	VS10	60
VS Assembly Language Pocket Guide	800-6203AP-02	61
VS Assembly Language Reference	800-1200AS-03	61
VS BASIC Language Reference	800-1202BA-04	62

**ALPHABETICAL INDEX**

<b>TITLE</b>	<b>NUMBER</b>	<b>PAGE</b>
VS BASIC Quick Reference	800-6205BQ-01	62
VS Batch Communications User Guide	800-1305BC-01	94
VS COBOL Conversion Guide	800-1204CC-02	62
VS COBOL Quick Reference	800-6200CP-04	62
VS COBOL Reference	800-1201CB-05	63
VS Card Reader Utility Reference	800-1323CU-01	62
VS Customer Planning and Resource Guide	700-6727	63
VS Data Communications Data Sheet	800-2107-03	95
VS Disk Drives Data Sheet	800-2504-02	71
VS EZQUERY Data Sheet	800-2113-01	71
VS EZQUERY Reference	800-1129EQ-01	63
VS Emulation of SNA 3274 and 3777, General Description	800-1326SE-01	94
VS Ergo 2 Ergonomic Data Sheet	800-2500-01	71
VS FORTRAN Reference	800-1208FR-01	63
VS File Management Utilities Reference	800-1308FM-01	63
VS General Purpose Asynchronous Communications Programmer's Guide	800-1325AI-01	94
VS Graphics Facility Data Sheet	800-1446-01	71
VS Ideographic Data Processing System (Chinese) Data Sheet	800-2502-01	71
VS Ideographic Data Processing System (Japanese) Data Sheet	800-2501-01	71
VS Introduction to COBOL Programming	VS28C	63
VS KEYENTRY Data Sheet	800-2300-01	71
VS KEYENTRY Operator's Guide	800-1113KO-01	64
VS KEYENTRY Supervisor's Guide	800-1114KS-01	64
VS Languages Data Sheet	800-2201-07	71
VS MATHPLANNER Data Sheet	800-1484-01	71
VS Operating System Services	800-1107OS-03	64
VS Operating System Services Pocket Guide	800-6204OP-02	64
VS PL/I Language Reference Manual	800-1209PL-02	64
VS Principles of Operation	800-1100PO-04	64
VS Principles of Operation Addendum	800-1100PO-04.01	65
VS Printers Data Sheet	800-2507-01	71
VS Procedure Language Quick Reference	800-6201PP-03	65
VS Procedure Language Reference	800-1205PR-04	65
VS Processors Data Sheet	800-2105-03	71
VS Program Development Tools Reference	800-1307PT-02	65
VS Programmer's Guide To VS/IIS	800-1304PW-04	69
VS Programmer's Introduction	VS25	65
VS Programmer's Introduction	800-1101PI-05	65
VS Programmer's Introduction Addendum	800-1101PI-05.01f	65
VS Punched Card Reader Data Sheet	800-2506-01	71
VS RPG II Language Reference	800-1203RP-05	66
VS RPG II Language Reference Addendum	800-1203RP-05.01P	66
VS Remote WangNet Data Sheet	800-2304-02	95
VS SNA 3274 Emulation Data Sheet	800-2302-01	95
VS SNA 3777 Emulation Data Sheet	800-2303-01	95
VS SYSGEN Procedure (Release 5.0I)	800-8201SP-05	66
VS Software Bulletin — Release 5.3	800-3109	66
VS System Management Guide	800-1104SM-03	66

## ALPHABETICAL INDEX

TITLE	NUMBER	PAGE
VS System Operation Guide	800-1102SO-06	67
VS System Software Data Sheet	800-2101-04	71
VS System Utilities Reference	800-1303UT-03	67
VS TOTAL Pocket Guide	800-6207	67
VS TOTAL Reference Guide	800-1123TR.01	67
VS Tape Drive Data Sheet	800-2505-01	71
VS Teletypewriter Emulation (TTY) User's Guide	800-1314TU-02	94
VS Teletypewriter Emulation (TTY) Data Sheet	800-2109-02	95
VS USERSUBS Reference	800-1315US-01	68
VS User Aid COMPUTE	800-3301CP-02	71
VS User Aid LIBRXREF	800-3309XR-01	71
VS User Aid MAIL	800-3302MA-01	71
VS User Aid PRINTIBM	800-3308PI-01	71
VS User Aid PRINTVS	800-3303PR-01	71
VS Workstations Data Sheet	800-2503-01	71
VS-100 Technical Notes	800-3102-01	67
VS/IIS 5548Z Typesetter Operating Instructions	800-1501TO-01	69
VS/IIS 5548z Typesetter Data Sheet	800-2110-01	71
VS/IIS Advanced Functions Reference Guide	800-1122AR-01	69
VS/IIS List Management Data Sheet	800-2407LM-01	71
VS/IIS Readability Index Generator Data Sheet	800-2406RI-01	71
VS/IIS Supervisor's Procedures	800-1110WS-02	69
VS/MAILWAY Administrator	VS14	86
VS/WP Administrator	VS12	60
VS/WP Integrated Information System Data Sheet	800-2103-04	71
VS/WP Introducing Word Processing on the VS	800-1407IW-02	68
VS25 and VS45 Data Sheet	800-3107-01	71
WA3451 Asynchronous/Synchronous Modem User Manual	700-6975	68
WA3451 Asynchronous/Synchronous Modem Data Sheet	700-6837	95
WP MCR-1 Mag Card Reader User Manual	700-5189A	28
WTC-522 Telephone Coupler Data Sheet	700-7167	95
Wang Glossary of Terms	700-4417C	27
Wang Office System 2780/3780 Batch Communications and Document Transmission Data Sheet	700-5531A	95
Wang Office Systems Teletype and 2741 Asynchronous Communications Data Sheet	700-5529A	95
Wang Typesetter 5548z Command Structures and Error Messages	700-5947B	42
Wang Word Processor System 25 Configuration Sheet	700-4685I	38
Wanglaw Application Sheet	700-6227A	81
Wanglaw Forms Kit	700-6946	80
Wanglaw Management Guide	700-6552A	80
Wanglaw Pocket Guide	700-6501	80
Wanglaw Sample Reports Manual	700-6233A	80
Wanglaw User Manual	700-6244	80
WangNet Cable Components Data Sheet	700-6860	95
WangNet Cable Interface Unit Data Sheet	700-7183	95
WangNet Cable Kit Installation Guide	700-7644	90
WangNet Cable Kits Data Sheet	700-7711	95
WangNet DataSwitch Data Sheet	700-7184	95
WangNet DataSwitch User Guide	700-7180	89
WangNet FAM96232 Frequency-Agile Modem User Guide	700-7181	89

## ALPHABETICAL INDEX

TITLE	NUMBER	PAGE
WangNet FAM96232 Frequency-Agile Modem Data Sheet	700-7185	95
WangNet FFM6449 Fixed Frequency Modem User Guide	700-7725	89
WangNet FFM96232 & FFM64449 Fixed-Frequency Modems Data Sheet	700-7166	95
WangNet FFM96232 Fixed Frequency Modem User Guide	700-7168	90
WangNet Overview Data Sheet	700-6860A	95
WangNet Peripheral Attachment Services Data Sheet	700-7698	95
WangNet Pre-Installation Guide	700-7116A	90
WangNet Technical Description	700-7173	90
Wangwriter "Do Not Disturb" Letter	700-7001	36
Wangwriter 2236DE Interactive Terminal Emulation Data Sheet	700-7044	95
Wangwriter 2780/3780 Emulation Data Sheet	700-7029	95
Wangwriter CP/M Operating System Summary Card	700-6958	36
Wangwriter Data Sheet	700-7145	44
Wangwriter Data Sheet (French Edition)	700-7036	44
Wangwriter Data Sheet (International)	700-6935	44
Wangwriter Documentation Guide	700-6595B	36
Wangwriter Dual Diskette Data Sheet (French Edition)	700-7068	44
Wangwriter Glossary Training Workbook	777-6597B	37
Wangwriter Pre-Installation Seminar	750-0003A	37
Wangwriter Reference Manual	700-6574B	36
Wangwriter Software License Agreement	700-7628	37
Wangwriter Software Registration Card	700-6567A	37
Wangwriter TTY Data Sheet	700-6981	43
Wangwriter Unpacking & Installation Guide	700-6936	37
What is Word Processing?	700-6566	28
What is Word Processing? (French edition)	700-6914	28
What is Word Processing? (German edition)	700-6913	28
Word Processing Reference Manual	700-7611	28
Word Processing Systems Data Sheet	700-7120A	44
Word Processing Training Package	777-4002	26
Word Processing Training Information Cards	777-4015	26
Word Processor Glossary Auxiliary Functions User Manual	700-4642B	27
Word Processor Optical Character (OCR) Option User Manual	700-4712A	35
Word Processor Phototypesetter Input Option Model PIO User Manual	700-5780B	41
Word Processor System 20 Configuration Sheet	700-3913H	38
Word Processor System 30 Configuration Sheet	700-3914I	38
Word Processor System 5 Configuration Sheet	700-4720G	37
Word Processor System 5 Model III Data Sheet	700-4837D	44
Word Processor System Security Option User Manual	700-4673E	35
Word Processor Systems 25/30 CDC Disk Operating Procedures Summary	700-5269B	38
Word Processor Systems 5/20 Dual Diskette Drive Operating Procedures Summary	700-5266A	37
Word Processor Telecommunications User Manual (for the System 5)	700-5295B	96
Word Processor Telecommunications User Manual (for the Systems 20, 25, and 30)	700-4686E	96

**NOTES**



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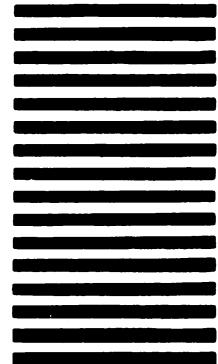


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