File Number

1410/7010-0

Re:Form No.

A22-6826-4

This Newsletter No.

N20-1410.27

Date

August 5, 1968

Accumulative Index of Publications and Programs

Section 1: Form numbers of publications included in the 1410 Systems Reference Library are listed below, with the edition suffix of all current editions shown. When more than one edition of a publication is current, the form number is followed by *. Any Technical Newsletter applying to a later edition also applies to all prior editions but is only listed once. If the changes released in Technical Newsletter are inserted in their proper place, each current edition will correspond to any of the others. #These items are for World Trade Use Only. Not Available in U.S.A.

Changes since the last edition of this Newsletter are in parenthesis.

SUBJ FORM TECHNICAL CODE NUMBER NEWSLETTE		TITLE
00 GDVEDIT TWOODIESTON		
00 GENERAL INFORMATION A22-6826-4 (N20-1410.	27)	1410/7010 Bibliography
(A24-3089-6 N20-1001.		SRL Bibliography Supplement - Teleprocessing
(F20-8172-5 N20-1002.		Bibliography of Data Processing Techniques
A22-0524-1	,	1410 System Summary
A22-6724-1		7010 System Summary
A22-6688-5 A22-6723-5		1410 Configurator
A22-0723-3		7010 Configurator
01 MACHINE SYSTEMS		
J22-6690-0		1401 1410 7040/44 Standard BCD Interchange Code
A22-0526-1* N22-0166		1410 Principles of Operation
A22-0526-2* N22-0169 A22-0526-3*		
A22-6726-0* N22-0167	N22-0170	7010 Principles of Operation
G22-6648-0		Additional Core Storage
0.2 TNDUM (OURDUM		
03 INPUT/OUTPUT A26-5754-0 N26-0069		1011 Paper Tape Reader
A22-6829-1		1015 Inquiry Display Terminal Models 1 and 2 with 1410/7010
		Systems
A24-1499-4 (N24-0416)		1219 Reader Sorter 1419 Magnetic Character Reader
A19-0004-0#		1219 Reader Sorter Model 32 1419 Magnetic Character Reader Model 32
(A24-3072-2		1402 Card Read Punch)
A24-3073-3* N24-0374	N24-0380	1403 Printer Component Description
A24-3073-4* N24-0398		
N24-0410 (A24-3073-5*)	N24-0415	
A22-0535-0 N22-0140		1403 Printer Model 3 with 1410/7010 Systems
G24-1417-1 N22-0053		1412 Magnetic Character Reader Model 1
A24-1421-1* N24-0253		1412 Magnetic Character Reader Model 1 - Reference Manual
A24-1421-2* N24-0316	N24-0354	1414 × 1.1.0 7 × 1/0 × 1.0 1 × 1.0 5 × 1/10 7 ×
A22-6714-0 A22-0536-0		1414 Model 8 Input/Output Synchronizer for 1410 System 1419 Magnetic Character Reader with 1410 System
A24-3119-1		1442 Card Read-Punch Models 1 and 2 1442 Card Reader
		Models 3 and 4
A22-6715-0		1442 Model 3 Card Reader for 1410/7010 Systems
A22-6819-0		2321 Data Cell Drive with 1410/7010 Data Processing Systems
05 MAGNETIC TAPE UNITS AND	CONTROLS	
A22-6589-2* N22-0120		729, 7330 and 727 Magnetic Tape Units Principles
200 (500 05		of Operation
A22-6589-3* A22-6671-0		7240 Hymortano Drivo Model 2 for 1410 System
A22 00 / 1 = 0		7340 Hypertape Drive Model 2 for 1410 System
07 DIRECT ACCESS STORAGE U	NITS AND CON	
A22-6788-0		1301 Models 1 and 2 Disk Storage 1302 Models 1 and 2 Disk
A22-6784-0		Storage with 1410/7010 Data Processing Systems 1301 and 1302 Disk Storage Sequential Data Organization

A22-6784-0

1301 and 1302 Disk Storage Sequential Data Organization

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	A26-5991-0 A22-6704-0		N22-0077 N22-0154	1311 Disk Storage Drive 1311 Disk Storage Drive for 1410/7010 Systems
	A22-0534-0 (A26-5756-5	N22-0110	N22-0134	1405 Disk Storage with 1410 System Disk Pack and Cartridge Handling Procedures)
09	TELE-PROCESSI	NG EQUIPME	NT	
	A22-0525-3 A22-6769-1			1410 as a Teleprocessing System 1414 Model 4 or 5 with 1050 Data Communications System for 1410/7010 Systems
<u>10</u>	AUXILIARY EQU A22-6570-1	IPMENT		7765 Paper Tape to Magnetic Tape Converter
13	SPECIAL AND C	USTOM FEAT	URES	
	L22-6781-0			Using Channel 2 Tape Units On 1410 System in 1401 Mode RPQ-M10216 - Special Systems Feature
	A22-0530-1 A22-6693-0			1410 Priority Feature Floating Point Significant Arithmetic for 1410 System -
	L22-6692-0			RPQ E10429 - Special System Feature 1410 Data Processing System Special System Feature Bulletin
	A22-6748-0 A22-6749-1			7223 Model 13 Console Card Reader RPQ 880084 and 880071 Data Channels 3 and 4 - 7010 System Floating Point Arithmetic for 7010 System
	A22-6758-1			Memory Protect - Program Relocate and Interval Timer Feature for 7010 System
	L22-6886-0			Special Systems Feature Bulletin Magnetic Tape Unit Selection for Data Processing Systems - RPQ W89489
	G22-6654-0			Program Addressable Clock
<u>15</u>	PHYSICAL PLAN	NING SPECI	FICATIONS	7407/C0 7470 C / F040 W / D / W 7.7.0
	C22-6674-0	N22-0103		1401/60 1410 Systems - 7340 Hypertape Drive Model 2 - Physical Planning Specifications (Tentative)
	C24-1437-4 C22-6681-3*	N22-0223		1410 Installation Manual - Physical Planning 7000 Series and 1410 Data Processing Systems Installation Manual - Physical Planning Input/Output Components
	C22-6681-4* C22-6736-0	N22-0101 N22-0132	N22-0113	7010 Installation Manual - Physical Planning
19	ORIGINAL EQUI	PMENT MANII	FACTURERS'	INFORMATION
	A22-6643-3	TIBRE TRACE	11101 OIWIND	729 II, IV, V, VI, Magnetic Tape Units Original Equipment
	A31-1400-2	N21-0020		Manufacturers' Information 1402 Card Read-Punch Original Equipment Manufacturers'
	A24-1431-2 A22-6701-0	N22-0055	N22-0180	Information 1403 Printer Original Equipment Manufacturers' Information 1414 Input/Output Synchronizer Original Equipment
	A21-9002-0	N22-0055	N22-0.100	Manufacturers' Information 1442 Card Read-Punch Models 1 and 2 1442 Card Reader
	A22-6619-3			Model 3 Original Equipment Manufacturers' Information 7330 Magnetic Tape Unit Original Equipment Manufacturers'
	A22-6725-1	N22-0189		Information 7631 File Control Original Equipment Manufacturers'
•	R22 0723 1	N22 0103		Information
20	PROGRAMMING S		>	
	(C20-1602-7)	(N20-0014-	12)	Catalog of Programs for 705 - 1410 - 7010 - 7070 - 7072 - 7074 - 7080 - 7740 and 7750 Data Processing Systems
	C28-0318-3 C28-0351-5			1410/7010 Operating System (1410-PR-155) Basic Concepts 1410/7010 Operating System (1410-PR-155) Operator's Guide
21	SYMBOLIC ASSE	MBLY SYSTE	MS	
22	AUTOCODER			
	C28-0309-0* C28-0309-1*	N28-1070 N27-1211	N28-1156	1410 AUTOCODER
	C28-0309-2* C28-0326-2*	N28-1267		1410/7010 Operating System 1410-PR-155 AUTOCODER
	-			1410-AU-968

C28-0326-3*

	C28-0292-0 C28-0395-0	Programming Systems Analysis Guide 1410 AUTOCODER 1410/7010 Operating System 1410-PR-155 AUTOCODER 1410-AU-968 Programming Systems Analysis Guide
2.4	COROT	
24_	COBOL F28-8053-1* N28-0019 F28-8053-2*	COBOL - General Information Manual
	C28-0327-5 C28-0397-0	1410/7010 Operating System 1410-PR-155 COBOL 1410-CB-969 1410/7010 Operating System 1410-PR-155 COBOL 1410-CB-969
	C28-0330-0* N28-1112 C28-0330-1*	Programming Systems Analysis Guide 1410 Programming Systems COBOL Additional Specifications
<u>25</u>	FORTRAN F28-8074-2*	FORTRAN - General Information Manual
	F28-8074-3* J24-1468-1	1410 EODEDAN
	C28-0328-3 N27-1269	1410 FORTRAN 1410/7010 Operating System 1410-PR-155 FORTRAN
27	PROCESSOR C28-0287-1* N27-1215 N28-1073	1410 Processor Operating System Using 1301 Disk Storage
	N28-1147 N28-1186 C28-0287-2*	
	J28-0243-0 N28-1063	1410 Processor Operating System Using Magnetic Tape and 1301 Disk Storage - Preliminary Specifications
28	REPORT PROGRAM GENERATOR	
	C28-1443-1	Report Program Generator for the 1410
30	INPUT/OUTPUT CONTROL SYSTEM	
	C28-0277-0* N28-2010	1410 Input/Output Control System for 1301 Disk Storage
		Operators Guide
	C28-0277-1*	
	C28-0251-0 N27-1217 C28-0402-0	1410 Input/Output Control System for 1301 Disk Storage
	020 0402 0	1410/7010 Operating Systems 1410-PR-155 Support of 1311 Disk Storage Drives Under the Operating System -
	C28-0278-1* N28-1074	Preliminary Specifications 1410 Input/Output Control System for Card and Tape Systems - Operator's Guide
	C28-0278-2* N28-1146	operator b durue
	C28-0278-3*	
	C28-0322-4	1410/7010 Operating System 1410-PR-155 Basic Input/Output
	C28-0323-1 N28-1189	Control System 1410-IO-966 1410/7010 Operating System 1410-PR-155 Random Processor Scheduler 1410-IO-967
	C28-0329-0	1410 Input/Output Control System for Programmed Transmission
	C28-0334-2	Control 1410-IO-926 1410 Input/Output Control System for Card and Tape System
	C28-0541-0* C28-0541-1*	1410 Input/Output Control System Programming Analysis Guide
	C28-0286-0	1410 Input/Output Control System Independent Assembly
	J28-0258-1	Feature 1410 Input/Output Control System for the 1414 Input/Output
	J28-8064-1	Synchronizer Models 4 and 5 1301 Input/Output Control System for 1410 and 7000 Data Processing Systems
	C24-3051-2	Intersystem Input/Output Specifications 1440 with 1410 or 7010 - Communications Input/Output Control System
• •		
32	UTILITY PROGRAMS	and the latest and th
	C28-0279-0* N28-1037 N28-2004 C28-0356-0	Utility Programs - Part V: 1301 Utility Programs 1410/7010 Programming Systems - 1301/1302 Format/Address
		Generator Program - Preliminary Specifications
	C28-0244-2* N28-2000 C28-0244-3* N28-1125	1410 Utility Programs - Part I: Card/Tape Utility Programs
	C28-0295-0* N28-1061 N28-1065	1410 Utility Programs - Part IV: Utility Program
		Operating System
	C28-0295-1* C28-0337-0	1410 Myltiple Htilita Program 2410 ym 345
	C28-0353-3	1410 Multiple Utility Program 1410-UT-147 1410/7010 Operating System 1410-PR-155, Utility Programs
		1410-UT-973

2.2				
23	SORT/MERGE			
	C28-0304-1			1410 Generalized Sorting Program Using 1301 Disk Storage
	C28-0404-1 N27	1.1254	N271265	1410/7010 Operating System - Generalized Sorting Program
	C28-0404-1 N27	-1254	NZ/-1205	
				Using 1301/2302 Disk Storage 1410-SM-972
	C28-0335-0			Generalized Sorting Program Using 1301 Disk Storage -
				1410-SM-137, Sorting Times for 7010
	C28-0393-1			1410/7010 Operating System - 1410-PR-155 - Generalized Tape
	020 0050 2			
				Sorting Program 1410-SM-971 Programming Systems Analysis
				Guide
	C28-0354-2* N27	-1271		1410/7010 Operating System 1410-PR-155 Generalized Tape
				Sorting Program 1410-SM-971
	C28-0354-3*			
	C28-0313-0			1410 Tape Sorting/Merging Programs, Sort/Merge 11, Sorting
	020 0313 0			
				Times for 1410 with 7330, 729II, 729IV, 729V or 729VI
				Tape Units
	C28-6287-0 N28	-1057		Sort/Merge 12: Sorting Times for 7010 with 7330, 829II,
				729IV or 729V Tape Units
	C28-0343-0 N27	-1210	N28-1118	Tape Sorting/Merging Programs, Sort/Merge 12
	N28	-2006		1 3, 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
21	DISK STORAGE FIL	E 05032	1T73MT^X1	
34			TANTION	1410/0010 0
	C28-0405-2 N27	-1268		1410/7010 Operating System, 1410-PR-155, File Organization
				System for 1301/2302 Disk Storage Preliminary
				Specifications 1410-MI-977
36	SUPERVISORS - MO	NITORS		
	C28-0352-5 N27	-1270		1410/7010 Operating System 1410 DD 155 System Garage
	C20-0392-3 N2/	-12/0		1410/7010 Operating System 1410 - PR-155, System Generation
	ann anna			1410-MI-965
	C28-0396-0 N28	-1228		1410/7010 Operating System 1410-PR-155, Resident and
				Transitional Monitors - 1410-SV-962, Input/Output Control
				System - 1410-IO-966, Programming System Analysis Guide
	C28-0319-4			1410/7010 Operating System 1410-PR-155, System Monitor
	C28-0321-5			1410/7010 Operating System 1410-PR-155, System Monitor
	C26-U321-3			1410/7010 Operating System 1410-PR-155, Teleprocessing
				Supervisor 1410-SV-964
48	MISCELLANEOUS PR	OGRAMS		
	H20-0601-0			1410/7010 Operating System Conversion Program
	J28-0238-0			1401 Peripheral Integrated Processing System for use with
	020 0230 0			1401 relipheral integrated Plotessing System for use with
				7000 0
	TOO 6150 0			7000 Series Data Processing Systems
	J28-6173-0			7000 Series Data Processing Systems 7000/1400 Output Editing System
50_	J28-6173-0 SYSTEMS TECHNIQU	ES _.		
<u>50</u>		ES		7000/1400 Output Editing System
<u>50</u>	SYSTEMS TECHNIQUE	<u>ES</u>		7000/1400 Output Editing System 1410/7010 Operating System Support for 2302 Disk Storage
50	SYSTEMS TECHNIQUE	<u>ES</u>		7000/1400 Output Editing System
	SYSTEMS TECHNIQUE C28-0357-0			7000/1400 Output Editing System 1410/7010 Operating System Support for 2302 Disk Storage
	SYSTEMS TECHNIQUE C28-0357-0 INSTALLATION SUP			7000/1400 Output Editing System 1410/7010 Operating System Support for 2302 Disk Storage Models 1 and 2 Preliminary Specifications
	SYSTEMS TECHNIQUE C28-0357-0 INSTALLATION SUPE X20-1702-0			7000/1400 Output Editing System 1410/7010 Operating System Support for 2302 Disk Storage Models 1 and 2 Preliminary Specifications Proportional Record Layout Format Form
	SYSTEMS TECHNIQUE C28-0357-0 INSTALLATION SUP X20-1702-0 X20-1747-0			7000/1400 Output Editing System 1410/7010 Operating System Support for 2302 Disk Storage Models 1 and 2 Preliminary Specifications Proportional Record Layout Format Form Share Print Chart
	SYSTEMS TECHNIQUE C28-0357-0 INSTALLATION SUPE X20-1702-0 X20-1747-0 X20-8020-0			7000/1400 Output Editing System 1410/7010 Operating System Support for 2302 Disk Storage Models 1 and 2 Preliminary Specifications Proportional Record Layout Format Form Share Print Chart Flowcharting Template
	SYSTEMS TECHNIQUE C28-0357-0 INSTALLATION SUPE X20-1702-0 X20-1747-0 X20-8020-0			7000/1400 Output Editing System 1410/7010 Operating System Support for 2302 Disk Storage Models 1 and 2 Preliminary Specifications Proportional Record Layout Format Form Share Print Chart Flowcharting Template
	SYSTEMS TECHNIQUE C28-0357-0 INSTALLATION SUPE X20-1702-0 X20-1747-0 X20-8020-0 X22-6665-1			7000/1400 Output Editing System 1410/7010 Operating System Support for 2302 Disk Storage Models 1 and 2 Preliminary Specifications Proportional Record Layout Format Form Share Print Chart Flowcharting Template Physical Planning Templates - 1301 Disk Storage System
	SYSTEMS TECHNIQUE C28-0357-0 INSTALLATION SUPE X20-1702-0 X20-1747-0 X20-8020-0 X22-6665-1 X22-6666-1			7000/1400 Output Editing System 1410/7010 Operating System Support for 2302 Disk Storage Models 1 and 2 Preliminary Specifications Proportional Record Layout Format Form Share Print Chart Flowcharting Template Physical Planning Templates - 1301 Disk Storage System Physical Planning Templates - Input/Output Components
	SYSTEMS TECHNIQUE C28-0357-0 INSTALLATION SUPE X20-1702-0 X20-1747-0 X20-8020-0 X22-6665-1 X22-6666-1 X22-6734-0			7000/1400 Output Editing System 1410/7010 Operating System Support for 2302 Disk Storage Models 1 and 2 Preliminary Specifications Proportional Record Layout Format Form Share Print Chart Flowcharting Template Physical Planning Templates - 1301 Disk Storage System Physical Planning Templates - Input/Output Components Physical Planning Templates - 7010 Data Processing System
	SYSTEMS TECHNIQUE C28-0357-0 INSTALLATION SUPE X20-1702-0 X20-1747-0 X20-8020-0 X22-6665-1 X22-6666-1 X22-6734-0 X22-6785-1			7000/1400 Output Editing System 1410/7010 Operating System Support for 2302 Disk Storage Models 1 and 2 Preliminary Specifications Proportional Record Layout Format Form Share Print Chart Flowcharting Template Physical Planning Templates - 1301 Disk Storage System Physical Planning Templates - Input/Output Components Physical Planning Templates - 7010 Data Processing System 729 7330 Magnetic Tape Record Characteristics
	SYSTEMS TECHNIQUE C28-0357-0 INSTALLATION SUPE X20-1702-0 X20-1747-0 X20-8020-0 X22-6665-1 X22-6666-1 X22-6734-0			7000/1400 Output Editing System 1410/7010 Operating System Support for 2302 Disk Storage Models 1 and 2 Preliminary Specifications Proportional Record Layout Format Form Share Print Chart Flowcharting Template Physical Planning Templates - 1301 Disk Storage System Physical Planning Templates - Input/Output Components Physical Planning Templates - 7010 Data Processing System 729 7330 Magnetic Tape Record Characteristics 1401 - 1410 Report Program Generator Input Specification
	SYSTEMS TECHNIQUE C28-0357-0 INSTALLATION SUPE X20-1702-0 X20-1747-0 X20-8020-0 X22-6665-1 X22-6666-1 X22-6734-0 X22-6785-1 X24-1336-1			7000/1400 Output Editing System 1410/7010 Operating System Support for 2302 Disk Storage Models 1 and 2 Preliminary Specifications Proportional Record Layout Format Form Share Print Chart Flowcharting Template Physical Planning Templates - 1301 Disk Storage System Physical Planning Templates - Input/Output Components Physical Planning Templates - 7010 Data Processing System 729 7330 Magnetic Tape Record Characteristics 1401 - 1410 Report Program Generator Input Specification Sheet
	SYSTEMS TECHNIQUE C28-0357-0 INSTALLATION SUPE X20-1702-0 X20-1747-0 X20-8020-0 X22-6665-1 X22-6666-1 X22-6734-0 X22-6785-1			7000/1400 Output Editing System 1410/7010 Operating System Support for 2302 Disk Storage Models 1 and 2 Preliminary Specifications Proportional Record Layout Format Form Share Print Chart Flowcharting Template Physical Planning Templates - 1301 Disk Storage System Physical Planning Templates - Input/Output Components Physical Planning Templates - 7010 Data Processing System 729 7330 Magnetic Tape Record Characteristics 1401 - 1410 Report Program Generator Input Specification Sheet
	SYSTEMS TECHNIQUE C28-0357-0 INSTALLATION SUPE X20-1702-0 X20-1747-0 X20-8020-0 X22-6665-1 X22-6666-1 X22-6734-0 X22-6785-1 X24-1336-1			7000/1400 Output Editing System 1410/7010 Operating System Support for 2302 Disk Storage Models 1 and 2 Preliminary Specifications Proportional Record Layout Format Form Share Print Chart Flowcharting Template Physical Planning Templates - 1301 Disk Storage System Physical Planning Templates - Input/Output Components Physical Planning Templates - 7010 Data Processing System 729 7330 Magnetic Tape Record Characteristics 1401 - 1410 Report Program Generator Input Specification Sheet 1401 - 1410 Report Program Generator Data Specification
	SYSTEMS TECHNIQUE C28-0357-0 INSTALLATION SUPE X20-1702-0 X20-1747-0 X20-8020-0 X22-6665-1 X22-6666-1 X22-6734-0 X22-6785-1 X24-1337-2			7000/1400 Output Editing System 1410/7010 Operating System Support for 2302 Disk Storage Models 1 and 2 Preliminary Specifications Proportional Record Layout Format Form Share Print Chart Flowcharting Template Physical Planning Templates - 1301 Disk Storage System Physical Planning Templates - Input/Output Components Physical Planning Templates - 7010 Data Processing System 729 7330 Magnetic Tape Record Characteristics 1401 - 1410 Report Program Generator Input Specification Sheet 1401 - 1410 Report Program Generator Data Specification Sheet
	SYSTEMS TECHNIQUE C28-0357-0 INSTALLATION SUPE X20-1702-0 X20-1747-0 X20-8020-0 X22-6665-1 X22-6666-1 X22-6734-0 X22-6785-1 X24-1336-1			7000/1400 Output Editing System 1410/7010 Operating System Support for 2302 Disk Storage Models 1 and 2 Preliminary Specifications Proportional Record Layout Format Form Share Print Chart Flowcharting Template Physical Planning Templates - 1301 Disk Storage System Physical Planning Templates - Input/Output Components Physical Planning Templates - 7010 Data Processing System 729 7330 Magnetic Tape Record Characteristics 1401 - 1410 Report Program Generator Input Specification Sheet 1401 - 1410 Report Program Generator Data Specification Sheet 1401 - 1410 Report Program Generator Calculation
	SYSTEMS TECHNIQUE C28-0357-0 INSTALLATION SUPPORT			7000/1400 Output Editing System 1410/7010 Operating System Support for 2302 Disk Storage Models 1 and 2 Preliminary Specifications Proportional Record Layout Format Form Share Print Chart Flowcharting Template Physical Planning Templates - 1301 Disk Storage System Physical Planning Templates - Input/Output Components Physical Planning Templates - 7010 Data Processing System 729 7330 Magnetic Tape Record Characteristics 1401 - 1410 Report Program Generator Input Specification Sheet 1401 - 1410 Report Program Generator Data Specification Sheet 1401 - 1410 Report Program Generator Calculation Specification Sheet
	SYSTEMS TECHNIQUE C28-0357-0 INSTALLATION SUPE X20-1702-0 X20-1747-0 X20-8020-0 X22-6665-1 X22-6666-1 X22-6734-0 X22-6785-1 X24-1337-2			7000/1400 Output Editing System 1410/7010 Operating System Support for 2302 Disk Storage Models 1 and 2 Preliminary Specifications Proportional Record Layout Format Form Share Print Chart Flowcharting Template Physical Planning Templates - 1301 Disk Storage System Physical Planning Templates - Input/Output Components Physical Planning Templates - 7010 Data Processing System 729 7330 Magnetic Tape Record Characteristics 1401 - 1410 Report Program Generator Input Specification Sheet 1401 - 1410 Report Program Generator Data Specification Sheet 1401 - 1410 Report Program Generator Calculation Specification Sheet 1401 - 1410 Report Program Generator Format, Specification
	SYSTEMS TECHNIQUE C28-0357-0 INSTALLATION SUPPORT			7000/1400 Output Editing System 1410/7010 Operating System Support for 2302 Disk Storage Models 1 and 2 Preliminary Specifications Proportional Record Layout Format Form Share Print Chart Flowcharting Template Physical Planning Templates - 1301 Disk Storage System Physical Planning Templates - Input/Output Components Physical Planning Templates - 7010 Data Processing System 729 7330 Magnetic Tape Record Characteristics 1401 - 1410 Report Program Generator Input Specification Sheet 1401 - 1410 Report Program Generator Data Specification Sheet 1401 - 1410 Report Program Generator Calculation Specification Sheet
	SYSTEMS TECHNIQUE C28-0357-0 INSTALLATION SUPE X20-1702-0 X20-8020-0 X22-6665-1 X22-6666-1 X22-6734-0 X22-6785-1 X24-1336-1 X24-1337-2 X24-1338-3			7000/1400 Output Editing System 1410/7010 Operating System Support for 2302 Disk Storage Models 1 and 2 Preliminary Specifications Proportional Record Layout Format Form Share Print Chart Flowcharting Template Physical Planning Templates - 1301 Disk Storage System Physical Planning Templates - Input/Output Components Physical Planning Templates - 7010 Data Processing System 729 7330 Magnetic Tape Record Characteristics 1401 - 1410 Report Program Generator Input Specification Sheet 1401 - 1410 Report Program Generator Data Specification Sheet 1401 - 1410 Report Program Generator Calculation Specification Sheet 1401 - 1410 Report Program Generator Format, Specification Sheet
	SYSTEMS TECHNIQUE C28-0357-0 INSTALLATION SUPE X20-1702-0 X20-1747-0 X20-8020-0 X22-6665-1 X22-6666-1 X22-6734-0 X22-6734-0 X24-1336-1 X24-1337-2 X24-1338-3 X24-1339-1 X24-1350-5			7000/1400 Output Editing System 1410/7010 Operating System Support for 2302 Disk Storage Models 1 and 2 Preliminary Specifications Proportional Record Layout Format Form Share Print Chart Flowcharting Template Physical Planning Templates - 1301 Disk Storage System Physical Planning Templates - Input/Output Components Physical Planning Templates - 7010 Data Processing System 729 7330 Magnetic Tape Record Characteristics 1401 - 1410 Report Program Generator Input Specification Sheet 1401 - 1410 Report Program Generator Data Specification Sheet 1401 - 1410 Report Program Generator Calculation Specification Sheet 1401 - 1410 Report Program Generator Format, Specification Sheet 1401 - 1410 Report Program Generator Format, Specification Sheet
	SYSTEMS TECHNIQUE C28-0357-0 INSTALLATION SUPPORT			7000/1400 Output Editing System 1410/7010 Operating System Support for 2302 Disk Storage Models 1 and 2 Preliminary Specifications Proportional Record Layout Format Form Share Print Chart Flowcharting Template Physical Planning Templates - 1301 Disk Storage System Physical Planning Templates - Input/Output Components Physical Planning Templates - 7010 Data Processing System 729 7330 Magnetic Tape Record Characteristics 1401 - 1410 Report Program Generator Input Specification Sheet 1401 - 1410 Report Program Generator Data Specification Sheet 1401 - 1410 Report Program Generator Calculation Specification Sheet 1401 - 1410 Report Program Generator Format, Specification Sheet 1401 - 1410 Report Program Generator Format, Specification Sheet 1240 - 1401/60 - 1410/7010 - 1440 Autocoder Coding Sheet 407/8/9 1403-1404, 1443 and 2201 Printer Spacing Chart -
	SYSTEMS TECHNIQUE C28-0357-0 INSTALLATION SUPE X20-1702-0 X20-1747-0 X20-8020-0 X22-6665-1 X22-6666-1 X22-6734-0 X22-6785-1 X24-1336-1 X24-1337-2 X24-1338-3 X24-1339-1 X24-1350-5 X24-6436-3			1410/7010 Operating System Support for 2302 Disk Storage Models 1 and 2 Preliminary Specifications Proportional Record Layout Format Form Share Print Chart Flowcharting Template Physical Planning Templates - 1301 Disk Storage System Physical Planning Templates - Input/Output Components Physical Planning Templates - 7010 Data Processing System 729 7330 Magnetic Tape Record Characteristics 1401 - 1410 Report Program Generator Input Specification Sheet 1401 - 1410 Report Program Generator Data Specification Sheet 1401 - 1410 Report Program Generator Calculation Specification Sheet 1401 - 1410 Report Program Generator Format, Specification Sheet 1401 - 1410 Report Program Generator Format, Specification Sheet 1240 - 1401/60 - 1410/7010 - 1440 Autocoder Coding Sheet 407/8/9 1403-1404, 1443 and 2201 Printer Spacing Chart - 6 Lines per Inch
	SYSTEMS TECHNIQUE C28-0357-0 INSTALLATION SUPP X20-1702-0 X20-1747-0 X20-8020-0 X22-6665-1 X22-6666-1 X22-6785-1 X24-1336-1 X24-1337-2 X24-1338-3 X24-1339-1 X24-1350-5 X24-6436-3 X24-6498-0			1410/7010 Operating System Support for 2302 Disk Storage Models 1 and 2 Preliminary Specifications Proportional Record Layout Format Form Share Print Chart Flowcharting Template Physical Planning Templates - 1301 Disk Storage System Physical Planning Templates - Input/Output Components Physical Planning Templates - 7010 Data Processing System 729 7330 Magnetic Tape Record Characteristics 1401 - 1410 Report Program Generator Input Specification Sheet 1401 - 1410 Report Program Generator Data Specification Sheet 1401 - 1410 Report Program Generator Calculation Specification Sheet 1401 - 1410 Report Program Generator Format, Specification Sheet 1240 - 1401/60 - 1410/7010 - 1440 Autocoder Coding Sheet 407/8/9 1403-1404, 1443 and 2201 Printer Spacing Chart - 6 Lines per Inch 1410 Program Chart
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	SYSTEMS TECHNIQUE C28-0357-0 INSTALLATION SUPPORT X20-1702-0 X20-1747-0 X20-8020-0 X22-6665-1 X22-6666-1 X22-6734-0 X22-6785-1 X24-1336-1 X24-1336-1 X24-1339-1 X24-1350-5 X24-6498-0 X24-6545-0 X24-6545-0 X24-6546-1			1410/7010 Operating System Support for 2302 Disk Storage Models 1 and 2 Preliminary Specifications Proportional Record Layout Format Form Share Print Chart Flowcharting Template Physical Planning Templates - 1301 Disk Storage System Physical Planning Templates - Input/Output Components Physical Planning Templates - 7010 Data Processing System 729 7330 Magnetic Tape Record Characteristics 1401 - 1410 Report Program Generator Input Specification Sheet 1401 - 1410 Report Program Generator Data Specification Sheet 1401 - 1410 Report Program Generator Calculation Specification Sheet 1401 - 1410 Report Program Generator Format, Specification Sheet 1401 - 1410 Report Program Generator Format, Specification Sheet 1401 - 1410 Report Program Generator Format, Specification Sheet 1240 - 1401/60 - 1410/7010 - 1440 Autocoder Coding Sheet 407/8/9 1403-1404, 1443 and 2201 Printer Spacing Chart - 6 Lines per Inch 1410 Program Chart 1011 Paper Tape Reader 5 Track Control Panel Diagram 1410 Cable Order Form 1410 Physical Planning Templates
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85 REFERENCE CARDS X22-6740-1 X28-1520-0

1410 Instruction Reference Card COBOL Reference Card

90 EDUCATION LITERATURE

95 STUDENT TEXT C20-1606-0

1410/7010 Data Processing System Student Text

99 OTHER SUPPLEMENTARY INFORMATION

(320-1621-18)

IBM Marketing Publications KWIC Index

-----OBSOLETE AND/OR SUPERSEDED PUBLICATIONS-----

(03 15	D24-1014-0 F24-1052-1-2		Not 1410 SRL Item) Not Replaced
(21	C28-6259-0	N28-1097	TP Item Only)
25	C28-0398-0		Not Replaced
(33	J28-0237-0		Not Replaced)
80	X24-6503-0		Not Replaced
90	F22-6517-1-2		Not Replaced
90	R20-9024-0-1		Not Replaced
90	R22-9761-3-4		Not Replaced
90	R25-9527-2		Not Replaced
(99	320-0923		Not Replaced)

Section 2: The abstracts which follow will be included in the next edition of the Bibliography. Entries added to this SRL Newsletter are identified by a vertical line in the left margin.

320-1621 IBM MARKETING PUBLICATIONS KWIC INDEX

99

Keyword Index of Marketing Publications, based on publication titles. Each title is shifted to the right, one keyword at a time, and placed in alphabetic order with all other keywords. Type numbers are treated as keywords; thus a section of the index contains all publication in type no. sequence. 176 pages.

A24-1499 IBM 1219 READER SORTER IBM 1419 MAGNETIC CHARACTER READER

0.3

This publication describes the operating characteristics, controls, indicators, and features of the IBM 1219 Reader Sorter and the IBM 1419 Magnetic Character Reader. Operating theory and procedures are given for off-line operation of both machines and on-line operation of the IBM 1419 within the 1400 series and System/360 systems.

Document handling and data flow are discussed fully, and step-by-step procedures and practical examples are given for each machine. Programming notes and error recovery procedures are also given.

For additional publications information, refer to the Bibliography for the system to which the IBM 1419 is attached. 96 pages.

A24-3072 IBM 1402 CARD READ-PUNCH

0.3

This publication covers the Models 1, 2, 3, 4, 5, and 6. Included are descriptions of major mechanical units, their functions and operating controls, and special features that can be installed to expand the capabilities of the basic machine.

Additional publications concerning 1402 operation with various IBM Data Processing Systems are listed in the SRL Bibliography for the specific system. The Bibliography lists all technical reference literature and related materials necessary for planning, programming, installing, and operating the data processing system in any configuration.

A24-3073 IBM 1403 PRINTER COMPONENT DESCRIPTION

03

This reference publication describes the various models of the IBM 1403 Printer used with IBM 1401, 1410, 1440, 1460, 7010, 7040, 7044, and System/360 Models 20, 25, 30, 40, 50, 65, and 75 Data Processing Systems.

The functional and operating characteristics of the printer are presented.

The special features available for the 1403 are included, and timing information is given for printing and paper movement. 56 pages.

A26-5756 IBM DISK PACK AND CARTRIDGE HANDLING PROCEDURES

07

This manual is a guide for handling IBM Disk Packs and Cartridges. The information contained in this manual applies to IBM 1316 and 2316 Disk Packs and 2315 Disk Cartridges. 12 pages.

20

CATALOG OF PROGRAMS FOR IBM 705 - 1410 - 7010 - 7070 - 7072 -7074 - 7080 - 7740 and 7750 DATA PROCESSING SYSTEMS

This Catalog contains a complete listing of all programs available for the IBM 705, 1410, 7010, 7070, 7072, 7074, 7080, 7740 and 7750 Data Processing Systems. It obsoletes the previous edition of this Catalog, Form No. C20-1602-6, and its Supplement Form No. N20-0014-11.

Instructions for ordering magnetic tape programs are contained in the section of the Introduction entitled, "How to Order Programs"

This Catalog contains the following sections:

- 1. Introduction and instructions on how to use the catalogs and how to order the programs.
- A list of corrections and revisions to announced programs (if applicable.)
- A list of new programs (if applicable.)
- 4. A Keyword-in Context (KWIC) Index.
- Abstracts of all available programs.

6. A list of deletions (if applicable.)
All programs listed in this Catalog should be ordered through your local IBM Branch Office. 44 pages.

F20-8172

BIBLIOGRAPHY OF DATA PROCESSING TECHNIQUES

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48

This bibliography and associated classification system provide a means to identify selected IBM publications which, either wholly or in part, document data processing techniques information. The listing of any given publication in this bibliography, however, does not preclude its appearance in other reference bibliographies such as the Systems Reference Library.

Part I of this bibliography lists publications within major subject classification. Note that a publication may appear in more than one classification. Part II contains abstracts of the publications in form-number sequence.

the publications in form-number sequence. 12 pages.

J28-0238

IBM 1401 PERIPHERAL INTEGRATED PROCESSING SYSTEM FOR USE WITH 7000 SERIES DATA PROCESSING SYSTEMS

This bulletin describes the external specifications for the IBM 1401 Peripheral integrated Processing System. In order to make this information available rapidly, it is issued in preliminary form.

The Peripheral Integrated Processing System includes among it supervised peripheral programs the D-programs of the 7000/1400 Output Editing System (see the IBM bulletin, IBM 7000/1400 Output Editing System, Form J28-6173). The reader of this bulletin, however, need not have a knowledge of that system, but should have a general knowledge of data processing systems and input/output devices. 24 pages.

J28-6173

IBM 7000/1400 OUTPUT EDITING SYSTEM

48

This bulletin describes the IBM 7000/1400 Output Editing System in three major parts. Part I is a general introduction to the system; Part II gives detailed information on the I-language; and Part III describes the 1401 D-program.

Since its release in a previous version through DP Library Services (dated August, 1961) certain changes have been made in the documentation of the system. These changes are listed in Appendix J. 64 pages.

J28-8064

IBM 1301 INPUT/OUTPUT CONTROL SYSTEM FOR 1410 AND 7000 SERIES DATA PROCESSING SYSTEMS

30

The information presented in this bulletin may be used to plan the use of IBM 1301 Disk Storage with IBM 1410, 7070, 7074, 7080 and 7090 Data Processing Systems. Although there are major differences between the data processing systems with which 1301 Disk Storage may be used, the theory and planning regarding the use of disk storage is the same for each of the data processing systems. Furthermore, the IBM 1301 Input/Output Control System, which the IBM Applied Programming department will make available for the IBM 1410, 7070, 7074, 7080 and 7090 Data Processing Systems, provides for the handling of disk data in a similar manner for each of these systems. Because of the similarity of handling disk data for the various data processing systems, this bulletin may be used when planning applications using 1301 Disk Storage connected to an IBM 1410, 7070, 7074, 7080 or 7090.

Use of the 1301 Input/Output Control System will greatly reduce the programming time and effort for programs that use disk storage. The information in this bulletin permits planning for the use of the IBM 1301 Input/Output Control System in users' programs.

The first portion of this bulletin discusses data considerations, types of disk storage applications, and the use of the 1301 Input/Output Control System. The last portion of the bulletin discusses the manner in which the 1301 Input/Output Control System will be made available for each individual data processing system.

A basic knowledge of the functions of data channels, central processing units, and 1301 Disk Storage is assumed in describing the IBM 1301 Input/Output Control System. Information regarding IBM 1301 Disk Storage is available in five other publications: two manuals describing its use with 1410, 7070, 7074, 7080 and 7090 Data Processing Systems and a separate bulletin giving specific information on its use with each of the 7000 series data processing systems. 60 pages.

X20-8020 FLOWCHARTING TEMPLATE

80

This Template provides a convenient means for drawing standard symbols used frequently in Flowcharting computer programs.

Section 3: Program numbers of programming systems available for the IBM 1410/7010 are listed below. The date of the most recent modification is given. Abstracts and ordering instructions are found in Catalog of Programs and Programming Systems, C20-1602.

PROGRAM NAME	NUMBER	VERSION	MOD LEVEL	DATE
TYPE I				
TIPL I				
Autocoder See PR-108	1410-AU-906	8	10	07/11/66
System Control See PR-134	1410-AU-942	2	14	02/16/66
OS/1410/7010 Autocoder Processor	1410-AU-968	4	14	10/18/66
COBOL See PR-108	1410-CB-912	5	22	04/22/65
COBOL	1410-CB-944	1	21	05/03/66
COBOL Processor	1410-CB-969	4	14	04/03/67
FORTRAN Subroutines See PR-108	1410-FO-138	7	8	07/11/66
FORTRAN See PR-108	1410-FO-913	5	3	07/31/63
FORTRAN Disk See PR-134	1410-FO-945	1	3	11/27/63
FORTRAN 40K	1410-FO-950		11	11/27/64
OS/1410/7010 FORTRAN Processor	1410-FO-970		14	10/18/66
1410 IOCS - Card/Tape See PR-108	1410-IO-926		27	07/11/66
1410 IOCS Disk See PR-134	1410-IO-926	T 5	27	05/03/66
Basic IOCS	1410-IO-966		14	04/03/67
OS/1410/7010 Random-Proc. Scheduler	1410-10-967		14	10/18/66
OS/1410/7010 System Generation Programs	1410-MI-965		14	10/18/66
OS/1410/7010 File Organ. Sys.	1410-MI-977	4	14	10/18/66
Processor Operating System	1410-PR-108	15	0	01/24/66
Processor Operating Systems	1410-PR-134		31	05/02/66
1410/7010 Processor Operating System	1410-PR-155		14	07/27/66
Full RPG C/T1435 Disk See PR-108	1410-RG-910		3	02/10/64
Report Program Generator See PR-134	1410-RG-943		3	03/17/64
650 Simulation on 1410	1410-SI-101		1	04/29/64
Sort/Merge 11	1410-SM-111		15	11/05/64
Sort/Merge 12	1410-SM-112		19	07/11/66
1410-1301 Disk/Sort	1410-SM-137		6	07/11/66
OS/1410/7010 Generalized Tape Sort Prog.	1410-SM-971		14	10/18/66
OS/1410/7010 Generalized Sort Prog.	1410-SM-972		14	10/18/66
System Supervisor See PR-108	1410-SV-907		9	01/24/66
System Control See PR-134	1410-SV-941		15	02/16/66
OS/1410/7010/Resident & Trans. Monit.	1410-SV-962		14	10/18/66
OS/1410/7010/Teleprocessing Supervisor	1410-SV-964		14	10/18/66
Individual Utilities	1410-UT-106		17	07/13/65
1410/1301 Disk Utilities	1410-UT-126		13	01/19/66
Multiple Utility	1410-UT-147		1 14	07/10/64
OS/1410/7010 Linkage Loader	1410-UT-963	-		10/18/66
Utility Programs	1410-UT-973	4	14	04/03/67
TYPE II				
1410 Linear Drogramming Custom	1410-CO-01X	1	3	10/25/63
1410 Linear Programming System	1410-CO-01X		3	10/25/63
1410 Linear Programming System	1410-CO-00X	_	3	10/25/63
1410 Linear Programming System	1410-CO-07X	_	3	10/25/63
1410 Linear Programming System	1410-CO-10X		2	06/15/66
1410/7010 Linear Programming System	1410-EE-01X		Õ	12/18/64
1410 Engineering Block Diagram	1410-EE-01X		10	02/23/67
62 CFO	1410-1E-00X		1	08/24/64
1410/7010 Conversion Program	TATO OF OTY		_	22, 22, 01

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