

PHILIPS

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System Software Reference Data

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**Data
Systems**

CONTENTS

Page

- Bootstraps 2
- Standard file codes - basic 2
- Standard file codes - disc 2
- Standard device addresses 2
- Monitor operator messages 3
 - BOM - DOM 3
 - BRTM 3
 - DRTM 4
- CCI commands 4
 - Processor calls 4
 - Magnetic tape and cassette tape commands 6
- SCL commands 7
- Disc processor messages 7
 - Update 7
 - Debugging 8
- Basic processor messages 8
 - Assembler 8
 - Linkage editor 9
 - Update 9
 - Debugging 10
- Instructions 11
 - Memory reference instructions 13
 - Register-to-register instructions 14
 - Constant instructions 15
 - Shift instructions 16
 - I/O instructions 18
 - Miscellaneous instructions 18
- Directives 19
- Monitor requests 20
- I/O functions 21
- Tape handling orders 21
- Software status word 21
- Control unit status word configuration 22
- Data communication 23
 - I/O requests DITEM 23
 - I/O requests BSC 23
 - Line control table 23
 - OF Get line type 24
 - DITEM ECB 24
 - BSC ECB 25
- System messages 26
- Standard priority interrupt levels 35
- Standard connections interrupt line 35
- Program status word 36
- Memory protection 36
- Multiplex control words 37
- Fixed memory locations 37
- Powers of 16 37
- Powers of 2 37
- Hexadecimal-decimal conversion 39
- ASCII code 40

DISC BOOTSTRAP

0000	20BF	BBC0	0032	911C	921C	3F42	220F	1778
0010	BB3D	0503	8420	001A	8F1C	050C	8420	0022
0020	8F1C	8340	003C	9B20	0198	812C	5C2E	1304
0030	8F0C	45C0	4DC0	5C04	8F10	4E66	3E00	0002

P8 BOOTSTRAP FOR PTR

0000	20BF	43E0	4A20	5C04	227F	5808	0100	0402
0010	0602	E508	4A20	5C04	1E01	590A	9508	1C01
0020	5006	520C	8714	5F18	8314	1502	8094	5F20
0030	B114	1302	852D	1F01	5C2A	8F02	0000	0002

P4 BOOTSTRAP FOR ASR

0000	20BF	42D0	4A10	5C04	227F	5808	8320	FFFC
0010	0604	4A10	5C04	220F	3D41	3D41	3D41	3D41
0020	9508	1E01	5C14	1302	5006	5108	8717	5F20
0030	8314	5F24	B114	852D	1F01	5C2C	4590	207F

Standard file codes - basic

/01 = standard source input
 /02 = standard listing output
 /03 = standard punch output
 /04 = standard object input
 /05 = operator's keyboard

Standard file codes - disc

/01 = operator's typewriter
 /02 = listing output
 /03 = punch output
 /D0 = catalogued procedure input
 /D3 = reserved for system use
 /D4 = /S, or library source file (Update output)
 /D5 = /O (ASM output, LKE input)
 /D6 = /L (LKE output)
 /D7 = system object file (library)
 /D8 = user object file (library)
 /D9 - DA = reserved for system use
 /E0 = control command input
 /E1 = source input
 /E2 = object input
 /EE = catalogued procedure output
 /EF = system typewriter
 /F0 - /FF = disc units

Standard device addresses

ASR1	=	10		
PTR1	=	20		
PTP1	=	30		
FHD1	=	01	} one CU (MX chan or DMAC)	
FHD2	=	11		
FHD3	=	21		
FHD4	=	31		

MHD1	=	02	} one CU (MX chan or DMAC)	
MHD2	=	12		
MHD3	=	03		
MHD4	=	13		
PTR2	=	22	} one CU (MX chan only)	
PTP2	=	32		
MT1	=	04		
MT2	=	14		
MT3	=	24	} one CU (MX chan only)	
MT4	=	34		
CR	=	05		
ASR2	=	15		
TC1	=	06	} one CU (MX chan only)	
TC2	=	16		
TC3	=	26		
TC4	=	36		
LP	=	0D		
PL	=	0E		
Adapter	=	0F		
DMAC	=	1F		
MIDB	=	2F		
RTC	=	3F		

MONITOR OPERATOR MESSAGES

BOM - DOM

Message	Meaning
AB	Abort a program
AS<u>file code</u><u>device name address</u>	Assign a file code
DM<u>address1</u><u>address2</u>	Dump memory
HD	Halt dump
LD<u>value</u>[<u>M</u>]	Load a program (BOM only)
MC<u>file code</u><u>order</u><u>rept fact</u>	Manual device control
PS	Pause
RD<u>device address</u>	Release an operation from device
RS<u>new A7</u>	Restart a program
RY<u>device address</u>	Retry an I/O operation
ST	Start a program (BOM only)
WM<u>address</u><u>value1</u>[<u>value2</u>..<u>value n</u>]	Write into memory
BRTM	
LD	Load a program
ST	Start a program
WM<u>address</u><u>value1</u>[<u>value2</u>..<u>value n</u>]	Write into memory

