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GENERAL MANAGER
SANTA BARBARA PLANT

Burroughs Corporation



COMPUTER SYSTEMS GROUP
SANTA BARBARA PLANT

2212 5132

FILE/LOADER

PRODUCT SPECIFICATION

REV LTR	REVISION ISSUE DATE	APPROVED BY	REVISIONS
A	12/4/74	<i>J. Hele</i>	Original Issue
B	9/3/76	<i>J. Hele</i>	Updated to MARK 6.1 Release level software. Translated to upper and lower case. Changed sectional page numbering. 1-1 Added Related Documentation. 2-3 Added data deck card format. 3-2 Added error message 12.

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FILE/LOADER
P.S. 2212 5132

GENERAL DESCRIPTION

FILE/LOADER loads card files that were punched by FILE/PUNCHER or the MIL Compiler to disk.

RELATED DOCUMENTATION

Name -----	Number -----
FILE/PUNCHER B1700 Software Operational Guide	P.S. 2212 5124 1068731

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OPERATING INSTRUCTIONS

FILE/LOADER is executed from the card reader and the deck or decks must be in the following order:

?EX FILE/LOADER
 ?DA CARDS

<dollar card>

<asterisk card> (optional)

DATA DECK

|
 |
 |

[more decks]

?END

Note: If the MCP LIB option is set, after each file is loaded the MCP will print the following message on the SPO:

<file-identifier> LOADED

DOLLAR CARD FORMAT

Column

Description

1
 2-80

"\$"
 <file-identifier> (free form)

Note: Files produced by the MIL Compiler (Micro Implementation Language) must be loaded using the \$\$ Card to distinguish them from card files output by FILE/PUNCHER. The asterisk

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(*) Card must not be used when using the \$\$ Card.

ASTERISK CARD FORMAT

Column -----	Description -----
1	"*"
3	File type
	7 = interpreter
	8 = code
	9 = data

The following are right-justified, leading zeros optional. (See notes below.)

Column -----	Description -----
5-10	EOF Pointer
12-17	Record size (bits)
19-20	Records per block
22-24	Areas
26-31	Segments per area

NOTES

1. If a code file is being loaded, the <asterisk card> is optional and default values will be:

Record size = 1440
 Records per block = 1
 Areas = 1
 Segments per area = 500

2. If a code or interpreter file is designated on the <asterisk card> only the EOF pointer is used. All other fields are ignored. If the EOF pointer field is blank, 100

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segments (interpreter) or 500 segments (code) will be used as default values.

3. All code and interpreter files will be closed with "crunch".

DATA DECK CARD FORMAT

Column	Description
-----	-----
1-72	File Information
73-80	Sequence Number

The file information is a hex representation of the disk file from which it was punched.

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ERROR MESSAGES

1. MISSING "\$" IN COLUMN ONE

The first card of the input deck does not have a "\$" in column one.

2. MISSING <file identifier>

The first card of the input deck has a "\$" in column one but is otherwise blank.

3. SEQUENCE ERROR FOLLOWING #NNNNNNNN --<file identifier> NOT LOADED

The card following the card number specified is out of sequence.

4. RECORD.SIZE SPECIFIED < 56--<file identifier> NOT LOADED

5. AREAS SPECIFIED = 0 --<file identifier> NOT LOADED

6. RECORDS.BLOCK SPECIFIED = 0 --<file identifier> NOT LOADED

7. SEGMENTS.AREA SPECIFIED = 0 --<file identifier> NOT LOADED

8. EOF.POINTER SPECIFIED = 0 --<file identifier> NOT LOADED

9. INVALID FILE TYPE SPECIFIED --<file identifier> NOT LOADED

10. EMPTY DECK --<file identifier> NOT LOADED

There are no cards following the specification card(s).

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11. "*" CARD INVALID --<file identifier> NOT LOADED

<ASTERISK CARD> following a <DOLLAR CARD> with "\$\$" specified in columns 1 and 2 is invalid.

12. <file identifier> NOT LOADED - MR'ED

A duplicate file situation occurred and the system operator MR'ed the program.

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