

Burroughs Corporation



COMPUTER SYSTEMS GROUP
SANTA BARBARA PLANT

2212 5157

B1800/B1700 CASSETTE/MAKER

PRODUCT SPECIFICATION

REV LTR	REVISION ISSUE DATE	APPROVED BY	REVISIONS
A	11/18/74	<i>J. Hale</i>	Original Issue
B	11/18/75	<i>J. Hale</i>	Page 1-1 Related Documentation added. 1-2 Verification Card Format added. 1-4 Four new Error Messages added.
C	4/19/77	<i>J. Hale</i>	Page 1-1 thru 3-1 Re-sectioned entire document; replaced B1700 with B1800/B1700 throughout. 1-1 RELATED DOCUMENTATION: Removed revision letter from MCP II and replaced P.S. number with "Not Released". 2-2 Changed GISMO 14 to GISMO; deleted GISMO 26; added MCP II/MICRO.MCP.
D	12/6/77	<i>J. Hale</i>	Updated to Software Release Level Mark 7.0. 3-1: WRONG FILE TYPE error message deleted. There are now no restrictions on file types.
E	7/28/78	<i>J. Hale</i>	MARK 8.0 RELEASE LEVEL 2-1 Switch settings for B1820 cassettes added to Note under Operating Instructions

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GENERAL

CASSETTE/MAKER is a normal-state program which reads any disk file and writes it on a cassette to be used by COLDSTART (Cassette Version) or SYSTEM/LOAD.CAS.

RELATED DOCUMENTATION

<u>Name</u> ----	<u>Number</u> -----
B1800/B1700 MCP II	P.S. 2212 5462
B1800/B1700 Software Operational Guide	1068731

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OPERATING INSTRUCTIONS

Execute CASSETTE/MAKER through the card reader:

```
?EX CASSETTE/MAKER
?DATA CARDS
<file-identifier> (free format)
.
.
<file-identifier>
$VERIFY (optional)
?END
```

Note: More than one file can be written on a cassette by including separate <file-identifier> cards for each file. If B1830 cassettes are desired, setting SW1=1 produces normal B1830 cassettes and setting SW1=2 produces triple check B1830 cassettes.

VERIFICATION CARD FORMAT

Column -----	Description -----
1	"s"
2-80	"V" or "VERIFY" (free format)

This card, which is optional and can occur anywhere in the ?DATA deck, provides verification of all cassettes immediately after creation. If no errors are detected, the following message appears:

VERIFICATION COMPLETE REEL <reel number>

SAMPLE EXECUTE DECKS

```
1. ?EX CASSETTE/MAKER
?DATA CARDS
$V
RPG
A/B
X/Y/Z
?END
```

This set of control cards writes RPG, A/B, and X/Y/Z from disk to cassette. The program continues on additional cassettes if necessary and verifies each cassette after creation.

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2. To make cassettes for COLDSTART, you must run CASSETTE/MAKER twice; once to write the MCP, and once to write the appropriate interpreters, GISMOs, etc..

```
?EX CASSETTE/MAKER
?DATA CARDS
MCPIIXXX
?END
```

MCPIIXXX represents the name of an MCP. The MCP fills six cassettes. The SPO message "MOUNT NEXT CASSETTE" appears after the end of each cassette.

```
?EX CASSETTE/MAKER
?DATA CARDS
SDL/INTERP1S
SDL/INTERP1M
GISMO
SYSTEM/INIT
MCPII/MICRO.MCP
SYSTEM/LOAD.CAS
FILE/LOADER
SYSTEM/MEM.DUMP
?END
```

NOTE: These control cards put all the above mentioned files on one cassette.

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ERROR MESSAGES

1. <file-identifier> NOT ON DISK

The file requested is not on disk.

2. DISK PARITY ERROR - UNABLE TO VERIFY

3. VERIFY ERROR REC # <Record.number>

4. WOULD YOU LIKE TO REMAKE THIS CASSETTE? <YES OR NO>

Entering a Y or YES will remake the cassette and verify it.

5. INVALID REMAKE - DISK PARITY ERROR

Cassette cannot be made. The disk file is bad.

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