



Burroughs Corporation



COMPUTER SYSTEMS GROUP  
SANTA BARBARA PLANT

2212 5165

B1800/B1700 SSLOAD/MAKCAS

**PRODUCT SPECIFICATION**

REV LTR	REVISION ISSUE DATE	APPROVED BY	REVISIONS
A	11/14/74	<i>J. Hale</i>	Original Issue
B	12/11/75	<i>J. Hale</i>	Pg 1-1 Related Documentation added Pg 1-2 Noted added to B. under Operating Instructions Pg 1-2 Execution Example C added Pg 1-4 Seven new Error Messages added
C	4/19/77	<i>J. Hale</i>	Pgs 1-1 - 1-3 All references to B1700 changed to B1800/1700 Pg. 1-1 Related Documentation; Indicated MCP II Product Spec "Not Released" Pg. 2-1 Added "If SW8=1..." to Note Replaced FI CARD NAME FILES with SW0=1 in execute statement Replaced references to SW=1 and SW=2 in Note with SW9=1 and SW9=2, respectively Pg. 2-2 Example B: Replaced FI CARD NAME FILES with SW0=1 in execute statement Pg. 2-3 Example C: Replaced SW=2 FI CARD NAME FILES with SW0=1, SW9=2 Pg. 3-1 Added "The stand-alone SDL code file..." to Note of SDL FILE-IDENTIFIER Switch settings in REMAKE NOT REQUESTED and REMAKE WILL BE ATTEMPTED modified to current usage; SW9=1 and SW9=2, respectively
D	12/6/77	<i>J. Hale</i>	Updated to Software Release Level Mark 7.0. <mix-index> changed to <job-number> throughout. 2-1: Added switch settings to produce a cassette for use on the B1830. Changed ?DATA FILES to ?DATA CARDS 2-2: Changed ?DATA FILES to ?DATA CARDS
E	8-21-79	<i>J. Hale</i>	Updated to Software Release Level Mark 9.0. 2-3 Added SWITCH SETTINGS section.

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GENERAL

SSLOAD/MAKCAS is a normal-state program that creates cassettes for standalone MIL or SDL programs.

RELATED DOCUMENTATION

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

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### OPERATING INSTRUCTIONS

For MIL programs, enter the parameters through the console keyboard:

```
EX SSLOAD/MAKCAS
SSLOAD/MAKCAS=<job-number> ENTER FILE-IDENTIFIER
SSLOAD/MAKCAS≠<job-number> ACCEPT
<job-number> AX <file-identifier> (free form)
```

Note: This causes SSLOAD/MAKCAS to read the disk file and write a cassette in the proper format. The cassette is then ready for loading through the console cassette reader. If SWB 1, then a cassette break occurs if an 200F02 op is encountered.

For SDL programs, enter the parameters through the reader:

```
?EX SSLOAD/MAKCAS SW0 1;
?DATA CARDS
L <loader's file-identifier>
G <GISMO's file-identifier>
I <interpreter's file-identifier>
S <SDL code file-identifier>
?END
```

Note: Cassettes can be verified if the following program switches are set: SW9 1 requests a verification pass for the cassette just created without any remake attempt on error. If SW9 2, a remake of the cassette will be attempted if an error occurs during verification.

If B1830 cassettes are desired, setting SW1 1 produces normal B1830 cassettes and setting SW1 2 produces triple check B1830 cassettes.

### CARD FORMAT

CARD COLUMN

-----

1

2-80

DESCRIPTION

-----

"L" = CASSETTE/LOADER

"G" = GISMO/SA

"I" = SDL/INTERPRETER

"S" = SDL CODE FILE

<file-identifier> (free form)

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### EXECUTION

#### EX SSLOAD/MAKCAS

```
MSG: SSLOAD/MAKCAS=<job-number> ENTER FILE IDENTIFIER
MSG: SSLOAD/MAKCAS=<job-number> ACCEPT
RSP: <job-number> AX CLEAR/START
MSG: SSLOAD/MAKCAS=<job-number> ENTER FILE IDENTIFIER
MSG: SSLOAD/MAKCAS=<job-number> ACCEPT
RSP: <job-number> AX
MSG: EOJ SSLOAD/MAKCAS
```

This writes the file CLEAR/START to a cassette.

```
?EX SSLOAD/MAKCAS SWO 1;
?DATA CARDS
L CASSETTE/LOADER
G GISMO/SA
I SDL/INTERP1U
S PACK/INIT
?END
```

This input deck causes the program to write the file PACK/INIT with the proper LOADER, GISMO, and Interpreter to a cassette.

```
?EX SSLOAD/MAKCAS SWO 1 SW1 1 SW9 2;
?DATA CARDS
L CASSETTE/LOADER
G GISMO/SA
I SDL/INTERP1U
S CART/INIT
?END
```

This input deck causes the program to write the file CART/INIT with the proper LOADER, GISMO, and Interpreter to a cassette to be used for 81830, verify the cassette, and remake the cassette until it is verified correctly.

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SWITCH SETTINGS

PROGRAM SWITCH SETTING

FUNCTION

Switch 0=0

Produces cassette in MIL format.

Switch 0=1

Produces cassette in SDL format.

Switch 1=0

Produces cassette for B1700.

Switch 1=1

Produces cassette for B1830.

Switch 1=2

Produces cassette for B1830 with triple check.

Switch 8=1

Cassette break occurs if a dummy op (200F02) is encountered.

Switch 9=1

Requests verification pass. Program goes to EUJ if error is encountered.

Switch 9=2

Requests verification pass. If an error is encountered, program requests a cassette for remake.

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ERROR/PROGRAM MESSAGES

1. INVALID FILE TYPE <COL1>
2. FILE NOT ON DISK-<file-identifier>
3. MISSING LOADER FILE
4. MISSING INTERP FILE
5. MISSING SDL CODE FILE
6. MISSING GISMO FILE
7. <SDL file-identifier> IS NOT A VALID CODE FILE

This indicates the segment dictionary entries do not contain appropriate values. The standalone SDL code file cannot be segmented. This file cannot be used to make a standalone SDL cassette.

8. DISK PARITY ERROR - UNABLE TO VERIFY

The disk file used for verification is bad.

9. VERIFY ERROR REC# <Record number>
10. REMAKE NOT REQUESTED (If SW9 1)
11. REMAKE WILL BE ATTEMPTED (If SW9 2)
12. INVALID REMAKE - DISK PARITY ERROR ENCOUNTERED

The disk file used for remaking the cassette is bad.

13. VERIFICATION TERMINATED
14. VERIFICATION COMPLETE



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