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GENERAL MANAGER  
SANTA BARBARA PLANT



Burroughs Corporation



COMPUTER SYSTEMS GROUP  
SANTA BARBARA PLANT

2222 2657

B1800/B1700 CODE/ANALYZER

### PRODUCT SPECIFICATION

REV LTR	REVISION ISSUE DATE	APPROVED BY	REVISIONS
A	3/9/78	<i>J. Hale</i>	Software Release Level Mark 7.0. Formerly released as section five of P. S. 2212 5579, B1800/B1700 MCP UTILITIES. <mix-index> changed to <job-number> throughout.

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81800/81700 CODE/ANALYZER  
P. S. 2222 2657 REV A

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### GENERAL DESCRIPTION

The function of CODE/ANALYZER is to evaluate a code file, listing information about its files, data and code segments, and calculating an estimate of memory required for the program to run. The code file and any intrinsic files used thereby must be present on disk.

Note: The memory estimate calculated by CODE/ANALYZER is a minimum memory requirement, not a "working set". The program may use more memory if it is available, or less if not all of the files are open at the same time.

### RELATED DOCUMENTATION

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

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### OPERATING INSTRUCTIONS

Upon execution from the SPO, CODE/ANALYZER will display the following message:

CODE/ANALYZER = <job-number> ENTER PROGRAM NAME

A valid response has the following format:

<job-number> AX <file-name>

An error message will be displayed if the file is not a code file or is not on disk. Upon completion of the generated listing, a request for an additional program name will be displayed. A blank response will terminate the program.

### SPECIAL OPTIONS

The special options of CODE/ANALYZER are controlled via the program switches. To set a switch, the following control string may be used:

EX CODE/ANALYZER; SW <number> = <value>;...

Switch 0 controls the input media of the list of program names to be analyzed.

SW 0 = 0            Input will be from the SPO, with a blank response to terminate the program.

SW 0 = 1            Input will be a card deck. File names are on the cards, one to a card, in the first 80 columns (even if input is on 96 column cards). Blank cards are ignored. An end-of-file terminates the program.

Switch 9 controls the printer spacing.

SW 9 = 0            Uses the default spacing.

SW 9 = 1-15        Ignores the default and spaces. the value set, (i.e., 1 means single space, 2 means double space, etc.).

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ERROR MESSAGES

If the code file is corrupted so that pointers point outside of the codefile, then CODE/ANALYZER goes to immediate end-of-job.

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