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GENERAL MANAGER  
SANTA BARBARA PLANT

Distribution current as of 10/10/77.



**Burroughs Corporation**



COMPUTER SYSTEMS GROUP  
SANTA BARBARA PLANT

STANDALONE/DISK.DUMP

2219 0417

## PRODUCT SPECIFICATION

REV LTR	REVISION ISSUE DATE	APPROVED BY	REVISIONS
A	10/20/77	<i>J. Kelle</i>	Original Issue MARK 7.0

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COMPUTER SYSTEMS GROUP  
SANTA BARBARA PLANT

TC-1  
COMPANY CONFIDENTIAL  
STANDALONE/DISK.DUMP  
P.S. 2219 0417

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STANDALONE/DISK.DUMP

GENERAL DESCRIPTION

STANDALONE/DISK.DUMP is a stand-alone utility program designed to copy a disk cartridge or pack to another disk cartridge or pack of the same or larger capacity. The input disk must be a user (type U or R) disk or a system (type S) disk, and cannot be a continuation pack of a dual system drive configuration or a system disk that has not been clear/started. The input disk is copied file-by-file, rather than segment-by-segment, to produce a squashed output disk. Multipack files will be copied only if the input and output disk serial numbers agree. The output disk type will be made the same as the input disk (system or user). Recovery from errors detected during the copy process will occur whenever possible. Irrecoverable errors in the disk directory or file header will cause the file not to be copied, but the dump of other files will continue.

Users can request that the program compare the copied files to the original so that comparison errors (non-fatal) are noted. Fatal errors, e.g., pack not ready or a missing system file, are displayed so that users may correct the error condition.

RELATED DOCUMENTATION

NAME ----	NUMBER -----
B1800/B1700 Software Operational Guide SSLOAD/MAKCAS	1068731 P.S. 2212 5165

STANDALONE/DISK.DUMP COMPLETE

After the dump is completed message number one will again be displayed. A blank entered at this time will terminate STANDALONE/DISK.DUMP.

Example:

```
MSG: STANDALONE/DISK.DUMP MARK VII.0 (07/29/77 13:45)
MSG: ENTER INPUT DRIVE - <DC? OR DP?>
RSP: DPA
MSG: DPA ID:TEST1 SER#:435261 TYPE:S
MSG: ENTER OUTPUT DRIVE - <DC? OR DP?>
RSP: DPB
MSG: DPB ID:TEST SER#:324556 TYPE:S
MSG: TO VERIFY - IS COPY OF DPA TO DPB DESIRED? <YES OR NO>
RSP: YES.
MSG: IS DATA COMPARISON DESIRED? <YES OR NO>
RSP: YES
MSG: STANDALONE/DISK.DUMP COMPLETE
MSG: ENTER INPUT DRIVE - <DC? OR DP?>
RSP:
```

These responses will copy the disk on DPA to DPB and compare the data as it dumps. In this case a system disk is being dumped. If any errors are detected, action is taken to insure the integrity of the proper files so a Coldstart is not required for the output disk.

9. <Multifile-id> INVALID SUB DIRECTORY

STANDALONE/DISK.DUMP cannot access any file with this multi-file-id.

10. ENTER THE CORRECT <file-name> NAME

If the user is copying a system disk a mandatory file is missing from the directory and the name table. The dump will not continue unless this file is present.

11. <File-name> IS A MULTI PACK FILE - CAN NOT COPY

If a multipack file is found and the serial numbers of the input and the output disks do not agree, then a copy will not be allowed.

12. <File-name> BAD AREA-ADDRESS <hex address>

Read data exception errors on a file that retrying would not correct causes this error message. This file is copied as best it can, but the output file should be manually verified.

13. DISK NOT READY <drive>

14. DISK NOT PRESENT <drive>

The drive specified cannot be located.

15. WRITE LOCKOUT <drive>

16. BAD PACK LABEL - CANNOT USE: <drive>

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