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GENERAL MANAGER
SANTA BARBARA PLANT

Distribution current as of 7/19/76.

Burroughs Corporation 

BUSINESS MACHINES GROUP
SMALL SYSTEMS PLANT

CARTRIDGE/DUMP

PRODUCT SPECIFICATION

REVISIONS

REV LTR	REVISION ISSUE DATE	PAGES REVISED ADDED DELETED OR CHANGE OF CLASSIFICATION	PREPARED BY	APPROVED BY
A	12-12-74	Original Issue	S.M.B.	<i>J. Hale</i> 12-17-74
B	5/4/76	TRANSLATED UPPERCASE/LOWERCASE	H. K. W.	<i>J. Hale</i>
C	8/3/76	1-1 Added Related Documentation 2-1 Added verification response information 2-2 Updated example 3-1 Added Y and N to INVALID RESPONSE message explanation Updated for VI.0 release	K.M.K.	<i>J. Hale</i> <i>K.M.K.</i>

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SANTA BARBARA PLANT

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CARTRIDGE DUMP
P.S. 2212 5173

GENERAL

The CARTRIDGE/DUMP program is a stand-alone program that can be used to copy from cartridge to cartridge. The dump is a sequential copy of the cartridge. Cartridges used for input and output cannot contain XD'ed sectors. If an error condition is detected while attempting to read or write, appropriate retries are made. If the retry cannot be made successfully, then the copy between the two drives will not be allowed. The cartridge label is checked for validity, but is not copied.

RELATED DOCUMENTATION

Name -----	Number -----
B1700 Software Operational Guide	1068731

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OPERATING INSTRUCTIONS

The CARTRIDGE/DUMP program does not operate under the control of the MCP and must be loaded and executed through the cassette reader on the control panel. Information will be supplied to CARTRIDGE/DUMP through the SPO as to which drives to use. To stop CARTRIDGE/DUMP enter a <BLANK> after the last dump has been completed.

After CARTRIDGE/DUMP has been loaded successfully, the following messages will appear:

CARTRIDGE DUMP MARK <version number>
ENTER INPUT DRIVE-<DC?>

A correct response will produce the message:

ENTER OUTPUT DRIVE-<DC?>

After a correct response, the following message is displayed:

IS VERIFICATION REQUIRED? <YES OR NO>

A correct response will start the COPY. After the COPY is completed and if VERIFICATION has been requested, the COMPARE phase will start with the message:

VERIFICATION BEGINS

After completion of the COPY or COPY/COMPARE, without errors, the SPO will display the message:

DUMP COMPLETE <input drive><serial number> TO <output drive>
<serial number>
ENTER INPUT DRIVE-<DC?>

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A <BLANK> entered at this time will terminate CARTRIDGE/DUMP with the message:

END CARTRIDGE DUMP

Example:

MSG: CARTRIDGE DUMP MARK VI.0
MSG: ENTER INPUT DRIVE-<DC?>
RSP: DCC
MSG: ENTER OUTPUT DRIVE-<DC?>
RSP: DCB
MSG: IS VERIFICATION REQUIRED? <YES OR NO>
RSP: YES
MSG: VERIFICATION BEGINS
MSG: DUMP COMPLETE DCC 621976 TO DCB 874356
MSG: ENTER INPUT DRIVE-<DC?>
RSP:
MSG: END CARTRIDGE DUMP

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ERROR MESSAGES

1. DISK ERROR - RESULT IN "T"

(The T-Register contains the result status of the I/O Error.
Hit Start to retry.)

2. INVALID RESPONSE - TRY AGAIN

(You responded with other than Y, N, or DC?; or the drive you
asked for is not present.)

3. TEMP TABLE FILLED - <input drive>

(Clear/starting input drive will fix this problem.)

4. DISK NOT READY

5. DISK NOT PRESENT

6. WRITE LOCKOUT

7. REMOVED SECTORS ON <drive>

(Input or output cartridge cannot contain XD'ed sectors.)

8. CARTRIDGE LABEL BAD <drive>

(INPUT DRIVE: Copy will not be allowed between the two
drives.)
(OUTPUT DRIVE: Initialize this disk before copying.)

9. I/O ERROR - <drive>

(Parity, timeout, address parity, or address error has

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occurred and retries failed to correct problem. Input error
retried 5 times, output error retried 5 times, rewritten, and
then re-read 5 more times.)

10. NO CARTRIDGE ON SYSTEM

(No device was found with type of cartridge.)

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GENERAL

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