

DISTRIBUTION LIST

2212 5/08

B1800/B1700 SOFTWARE PRODUCT SPECIFICATIONS

Detroit

Single Copy

J. Cox - Prod. Mgmt.
F. Schoeman - International
H. R. Hayde - International
D. Kosinski - Prod. Mgmt.
K. Stokes - International
J. Lambke - BMG
W. Varns - BMG
L. Atkins - BMG

D. Hill - IC, BM & SS
V. Morton - GPS, BM & SS
J. Shifman - CSG
J. G. Cleary - SSG
P. E. Fleming - Int'l F. E.
B. Dent - CSG
D. Dahm - Corp. Eng.

U.S. and Europe

Single Copy

K. Conry (Plymouth)
D. R. Bookwalter (Plymouth)
J. H. Pedersen (Plymouth)
J. Berta (Downingtown)
W. Minarcik (Paoli)
G. Smolnik (Paoli)
F. B. MacKenzie (Tredyffrin)
A. Kosla (McLear)
A. Lacaneta - F&SSG (McLear)
B. Bell (Wayne)
Mgr, WADC (Irvine)
R. Solt (Pasadena)
H. M. Townsend (Pasadena)
D. Prout - Pat. Atty. (Pasadena)
E. Sweaney (Mission Viejo)
E. D. Earnest (Mission Viejo)
J. J. Dowling (Westlake)

J. C. Allan (Glenrothes)
W. McKee (Cumbernauld)
I. J. Carradine (Cumbernauld)
Mgr, NPSGrp (Ruislip)
P. R. Evans (Middlesex)
J. Gerain (Pantin)
A. Isola (Gennevieliers)
P. Cornil (Seneffe)
J. C. Wery (Liege)
R. Bouvier (Liege)
J. Cazanove (Villers)
B. Hammersley (Croydon)

Santa Barbara Plant

Single/Multiple

R. S. Bunkery ✓
J. Hale
R. Shobe
K. Meyers
R. Bauerle
A. van der Linden
E. Yardi
J. Darga
B. Ross-Smith
L. Thomas

E. Munsch - 2
G. Hammond - 2
J. Casey - 1
K. King - 2

RECEIVED

OCT 21 1977

GENERAL MANAGER
SANTA BARBARA PLANT

Distribution current as of 10/10/77.

Burroughs Corporation



COMPUTER SYSTEMS GROUP
SANTA BARBARA PLANT

2212 5108

B1800/B1700 DISK/DUMP

PRODUCT SPECIFICATION

REV LTR	REVISION ISSUE DATE	APPROVED BY	REVISIONS
A	11/18/74	<i>J. Dale</i>	Original issue.
B	5/7/76	<i>J. Dale</i>	Translated to uppercase/lowercase
C	8/3/76	<i>J. Dale</i>	Released at MARK Level VI,0 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 3-2 Added extended result descriptor error to I/O ERROR error message.
D	10/14/77	<i>J. Dale</i>	Updated to MARK Level 7.0 3-1 Added <disk address> to I/O ERROR error message Added warning message as follows: WARNING - SERIAL NUM. MISMATCH - MULTI PACK FILE NOT USABLE

BURROUGHS CORPORATION
COMPUTER SYSTEMS GROUP
SANTA BARBARA PLANT

COMPANY CONFIDENTIAL
81800/81700 DISK/DUMP
P.S. 2212 5108 (D)

TABLE OF CONTENTS

GENERAL	1-1
RELATED DOCUMENTATION	1-1
OPERATING INSTRUCTIONS	2-1
ERROR MESSAGES	3-1

BURROUGHS CORPORATION
COMPUTER SYSTEMS GROUP
SANTA BARBARA PLANT

COMPANY CONFIDENTIAL
B1800/B1700 DISK/DUMP
P.S. 2212 5108 (D)

GENERAL

DISK/DUMP is a standalone program which copies cartridges or packs to cartridges or packs with the same or larger capacity. The dump is a sequential copy of the entire cartridge or pack. If segments have been removed on either the input or the output disk, a dump will not be allowed. If an error condition is detected while attempting to read or write, appropriate retries are made. If the retry cannot be made successfully, the copy between the two drives will not be allowed. The pack labels are checked for validity, but are not copied.

RELATED DOCUMENTATION

<u>Name</u> ----	<u>Number</u> -----
B1800/B1700 Software Operational Guide	1068731

BURROUGHS CORPORATION
COMPUTER SYSTEMS GROUP
SANTA BARBARA PLANT

COMPANY CONFIDENTIAL
B1800/B1700 DISK/DUMP
P.S. 2212 5108 (C)

OPERATING INSTRUCTIONS

The DISK/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 DISK/DUMP through the SPO as to which drives to use. To stop DISK/DUMP enter a <BLANK> after the last dump has been completed.

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

DISK/DUMP MARK <version number>
ENTER INPUT DRIVE-<DC? or DP?>

A correct response will produce the message:

ENTER OUTPUT DRIVE-<DC? or DP?>

After a correct response, the following message will appear:

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 SPC will display the message:

DUMP COMPLETE <input drive><serial number>
IC <output drive><serial number>
ENTER INPUT DRIVE-<DC? or DP?>

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

END DISK/DUMP

BURROUGHS CORPORATION
COMPUTER SYSTEMS GROUP
SANTA BARBARA PLANT

COMPANY CONFIDENTIAL
B1800/B1700 DISK/DUMP
P.S. 2212 5108 (D)

Example:

MSG: DISK/DUMP MARK VI.0
MSG: ENTER INPUT DRIVE-<DC? or DP?>
RSP: DCC
MSG: ENTER OUTPUT DRIVE-<DC? or DP?>
RSP: DCB
MSG: IS VERIFICATION REQUIRED? <YES OR NO>
RSP: YES
MSG: VERIFICATION BEGINS
MSG: DUMP COMPLETE DCC 621876 to DCB 743211
MSG: ENTER INPUT DRIVE-<DC? or DP?>
RSP:
MSG: END DISK/DUMP

BURROUGHS CORPORATION
 COMPUTER SYSTEMS GROUP
 SANTA BARBARA PLANT

COMPANY CONFIDENTIAL
 B1800/B1700 DISK/DUMP
 P.S. 2212 5108 (C)

ERROR MESSAGES

1. DISK ERROR - RESULT IN "I"

The I-Register contains the result status of the I/O error.
 Hit Start to retry.

2. INVALID RESPONSE - TRY AGAIN

A response other than Y, N, or <DC? or DP?> was entered or
 the drive requested is not present.

3. TEMP TABLE FILLED - <input drive>

Clear/Starting input drive fixes this problem.

4. DISK NOT READY

5. DISK NOT PRESENT

6. WRITE LOCKOUT

7. REMOVED SECTORS ON <drive>

Copying a cartridge or pack with bad sectors would produce an
 INVALID DUMP.

8. PACK LABEL BAD <drive>

Input drive: A copy will not be allowed between the two
 drives.

Output drive: Initialize this disk before copying.

9. I/O ERROR - <drive> <disk address>

Parity, timeout, address parity, extended result descriptor
 error or address error has 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 CART OR PACKS ON SYSTEM

No device was found with type of cartridge or pack.

11. WARNING - SERIAL NUM. MISMATCH - MULTI PACK FILE NOT USABLE

The input and output disk serial numbers do not agree; this
 makes the multi-pack files on the output disk unusable.

BURROUGHS CORPORATION
COMPUTER SYSTEMS GROUP
SANTA BARBARA PLANT

COMPANY CONFIDENTIAL
31800/81700 DISK/DUMP
P.S. 2212 5108 (D)

INDEX

ERROR MESSAGES 3-1
GENERAL 1-1
OPERATING INSTRUCTIONS 2-1
RELATED DOCUMENTATION 1-1