

TEXT LISTING

068-000443-02

PROGRAM

6038/6039 FLOPPY FORMATTER

TEXT TAPE

097-000443-02

ABSTRACT

THIS IS A DISKETTE FORMATTING PROGRAM TO BE USED WITH THE 6038/6039 MODELS OF FLOPPY DISK. THE PROGRAM IS SET UP TO FORMAT AND VERIFY THE DISKETTE.

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0001 .MAIN          18:12:15 08/31/79
01  AUS ASSEMBLER REV 02.05
02  *****
03  *****
04  NAME: FPYFR.TX          PART NUMBER: 097-000443
05  *****
06  DESCRIPTION: 6038/6039 FLOPPY FORMATTER
07  *****
08  REVISION HISTORY:
09  REV.          DATE
10  00          12/03/76
11  01          04/28/78
12  02          08/31/79
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30  ANY LICENSE TO MAKE USE, OR SELL EQUIPMENT OR
31  SOFTWARE MANUFACTURED IN ACCORDANCE HERewith.
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?6038/6039 FLOPPY FORMATTER
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?:1.0 ABRSTRACT:
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? THIS IS A DISKETTE FORMATTING PROGRAM TO BE USED
? WITH THE 6038/6039 MODELS OF FLOPPY DISK.
? THE PROGRAM IS SET UP TO FORMAT AND VERIFY THE
? DISKETTE. THERE ARE TWO MODES OF OPERATION; FAST
? MODE=WHICH ONLY FORMATS AND NORMAL MODE=WHICH
? FORMATS AND VERIFIES DATA SPACE.
? THE PROGRAM ALSO CONTAINS A COMMAND STRING
? INTERPRETER AS AN AID IN DEBUGGING SHOULD THE
? FORMAT FAIL.
? ERRORS ARE REPORTED AS THEY OCCUR. NO LOOP ON
? ERROR, HOWEVER, HAS BEEN PROVIDED. SHOULD AN ERROR
? OCCUR THE PROGRAM DOES FIVE(5) RETRIES. IF NO RECOVERY
? AT THE END OF FIVE(5) RETRIES THE PROGRAM ABORTS.
?
?:2.0 HARDWARE:
?*****
?
? HARDWARE REQUIRED FOR THIS PROGRAM IS AS FOLLOWS:
?
? 1. 6038/6039 FLOPPY DISK
? 2. ANY MICRONOVA CPU
? 3. TERMINAL DEVICE(TTY OR CRT/KEYBOARD)
? 4. HS PTR(OPTIONAL)
? 5. 4K MEMORY MINIMUM
?
?:3.0 OPERATION:
?*****
?
? THE STARTING ADDRESSES ARE 2 AND 200 FOR THE FORMAT
? PORTION OF THE PROGRAM, AND 3 AND 202 FOR THE COMMAND
? STRING PORTION OF THE PROGRAM.
? WHEN THE PROGRAM STARTS IT PRINTS THE TITLE.
? NEXT IT REQUESTS THE DEVICE CODE.
? IT NOW REQUESTS UNIT NUMBER. RESPONSE IS 0 OR 1.
? AFTER TIMING HAS BEEN SET UP THE PROGRAM REQUESTS
? MODE OF OPERATION; FAST OR NORMAL FORMATTING. F IS
? RESPONSE FOR FAST FORMAT, N IS FOR NORMAL.

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10003 .MAIN

01 ;4.0 ERRORS:
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04 ;ERRORS ARE REPORTED WHEN THEY OCCUR,THE TYPES OF ERRORS
05 ; ARE STATUS ERRORS ONLY FOR FAST MODE, AND
06 ; STATUS AND DATA ERRORS FOR NORMAL MODE.
07 ; THERE IS NO LOOP ON ERROR PROVISION IN THE PROGRAM
08 ; HOWEVER CSI MAY BE USED FOR THIS PURPOSE.
09 ;
10 ;

11 ;5.0 COMMAND STRING INTERPRETER:
12 ;-----
13 ;

14 ;
15 ; WHEN CSI IS ENTERED,UNIT # IS REQUESTED.
16 ;NEXT DATA IS SELECTED.THEN COMMAND STRING IS REQUESTED.
17 ;THE FORMAT FOR THE COMMAND IS SHOWN IN THE EXAMPLE:
18 ;

19 ;*****
20 ;* RECAL SEEK 103 WRITE 3 1 READ 5 1 *
21 ;*****
22 ;

23 ; THE COMMAND STRING I TERMINATED BY A CR.
24 ;

**00000 TOTAL ERRORS, 00000 FIRST PASS ERRORS