ND SOFTWARE LIBRARY DISKETTE

Containing   : Mass Storage Utilities

Directory Name : 211067A02-XX-01S

User Name : FLOPPY-USER

| | | | File access: | | | | |
Nr	File name	Type T	Public	Friend	Own	Pages	Bytes
0	TPE-MON-100-A01	BPUN I	R	R	R	29	56182
1	DISC-TEMA-I11	TEST I	R	R	R	36	71680

2   files using 65 pages.   148 pages reserved out of 148 pages.

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ND SOFTWARE LIBRARY DISKETTE

Containing   : Mass Storage Utilities

Directory Name : 211067A02-XX-01D

User Name : FLOPPY-USER

Nr	File name	Type	T	File access: Public	Friend	Own	Pages	Bytes
0	TPE-MON-100-A01	BPUN	I	R	R	R	29	56182
1	DISC-TEMA-I11	TEST	I	R	R	R	36	71680

2   files using   65   pages.   610 pages reserved out of 610 pages.

ND Norsk Data   Software INFORMATION Report   Page: 1

                                              Mass Storage Utilities
                                              211067A
Date: 861111   Report no: . 1

Program: DISC-TEMA-I00
Subject: Corrected errors, new program revision: I10
                                new product revision: A01

- -

    Description:

        The FORMAT command in DISC-TEMA-I00 does not work
        properly on CDC - EMD-9720 disks. The actual disk
        names, as used in DISC-TEMA, are as follows:

                DISC-288MB-x-E   (x = 1,2,3 or 4)
                DISC-4-70MB-x-E

    Symptom:

        Reallocated tracks are placed on cylinder 1208d
        instead of cylinder 1207d.

    Summary:

        For formatting of CDC - EMD-9720 disks, please use:

            Product name: 211067A01 MASS STORAGE UTILITIES
            Program name: 203134I10 DISC-TEMA-I10

        (or later revisions)

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Mass Storage Utilities
211067A
Date: 861111   Report no: · 2

Program: DISC-TEMA-I10
Subject: Corrected errors, new program revision: I11
                              new product revision: A02

- -

Description:

    Some commands in DISC-TEMA-I10 does not work properly
    on NEC-D2352A disks. The actual disk names, as used in
    DISC-TEMA, are as follows:

            DISC-6-70MB-x-N   (x = 1,2,3 or 4)
            DISC-2-225MB-x-N
            DISC-450MB-x-N

Symptom:

    The command DUMP-DISC-CONTENTS gives wrong information.
    The commands SET-DISC-CONTENTS and CHANGE does not work
    properly.

Summary:

    For NEC-D2352A disks, please use:

        Product name: 211067A02 MASS STORAGE UTILITIES
        Program name: 203134I11 DISC-TEMA-I11

    (or later revisions)

Date 86.11.13	Norsk Data A.S PROGRAM DESCRIPTION		Page 1 of 3
Product	Name Mass Storage Utilities	Reg. no. 211067A	Category STPR
Reason	* New product	Error Correction	
Documen- tation	Title Test Program Description TPE User Guide	Reg. no. 30.005.2 EN Enclosed	
Purpose	Mass storage utility program for handling of media offline.		
Prerequi- sites	Computer Type Floating format ND-100/110 All All	Op. system Version Stand-alone program	
		Reg. no. for Source 250185A	

File no.	File Name	Type	T	Containing
208259A	TPE-MON-100-A<rev>	BPUN	I	Test program monitor-100
203134I	DISC-TEMA-I<rev>	TEST	I	Disc utility program

NOTE: <rev> is to be replaced by the current revision of the DIRECTORY or FILE. Revision is found on the "ND SOFTWARE LIBRARY DISKETTE" pages.

1 CORRECTED ERRORS in DISC-TEMA-I<rev> from version H00

The command FORMAT would give an error message at sector address 200000 (cylinder 1616, surface 1) for discs connected to the ST506 interface.

The command PROGRAM-STATUS did not give correct information about retries and ECC errors occuring during read/write operations on ST506 type interface/drive/media.

The error message "Pid bit 11 not set", may appear when using some commands in DISC-TEMA-H00. This is because of an error in the test program, and is not likely to be faulty hardware.

The error message "over-run" could appear on computers with MPM5 and 15Mhz disc controller due to disabled cache.

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2 MODIFICATIONS in DISC-TEMA-I<rev> from version H00

2.1 NEW DISCS

New device names added in DISC-TEMA-I<rev> :

```
DISC-288-x-E      : EMD-9720
DISC-4-70MB-x-E   : EMD-9720
DISC-6-70MB-x-N   : NEC-D2352A
DISC-2-225MB-x-N  : NEC-D2352A
DISC-450MB-x-N    : NEC-D2352A  (x = 1 , 2 , 3  or 4)
```

2.2 Disc controller 2

The disc controller 2 can now be used in all available commands, even when it does not reach all (local) memory.

2.3 New commands

RANDOM-TEST   Command for stressing disc drive/media.

REFRESH   Command for reformatting one track. Reallocated
                     tracks may not yet be refreshed.

2.4 The command FORMAT

Testing of the ST506 type drives (Micropolis) is done more thoroughly. The read operation while testing is done with early and late read strobe.

Date 86.11.13	Norsk Data A.S PROGRAM DESCRIPTION		Page 3 of 3	
Product	Name Mass Storage Utilities		Reg. no. 211067A	Category STPR

3 LOADING PROCEDURE

The computer must be in STOP. Press MACL (or write MACL from OPCOM)
and type 1560& on the console.

If autoload is enabled, TPE-MONITOR will start up and load DISC-TEMA
automatically.

Manual loading :

    1) In FLOPPY-MON :

           FLOPPY-MON-H

           *LOAD TPE-MON-100-A

    2) When TPE-MONITOR is started use the command LOAD-PROGRAM :

           TPE>LOAD-PROGRAM DISC-TEMA-I

DISC-TEMA is now loaded and ready for use.