

NORD SOFTWARE LIBRARY DISKETTE

CONTAINING : ND-500 MICRO TEST PROGRAMS

DIRECTORY NAME : ND-103210-PART1  
USER NAME : FLOPPY-USER

FILE 1 : (ND-103210-PART1:FLOPPY-USER)ARITH-C:BPUN)1  
FILE 2 : (ND-103210-PART1:FLOPPY-USER)ADDIT-A:BPUN)1  
FILE 4 : (ND-103210-PART1:FLOPPY-USER)ARITH-B:MODE)1  
FILE 5 : (ND-103210-PART1:FLOPPY-USER)ADDIT-A:MODE)1

15 MARCH 1982

NORD SOFTWARE LIBRARY DISKETTE

CONTAINING : NO-500 MICRO TEST PROGRAMS

DIRECTORY NAME : NO-10321D-PART2  
USER NAME : FLOPPY-USER

FILE 0 : (NO-10321D-PART2:FLOPPY-USER) TRAPT-D:BPUN:1  
FILE 1 : (NO-10321D-PART2:FLOPPY-USER) TRAPT-B:MODE:1  
FILE 2 : (NO-10321D-PART2:FLOPPY-USER) EXTRA-C:BFUN:1  
FILE 3 : (NO-10321D-PART2:FLOPPY-USER) EXTRA-B:MODE:1

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CONTAINING : ND-500 MICRO TEST PROGRAMS

DIRECTORY NAME : ND-10321D-PART3  
USER NAME : FLOPPY-USER

FILE 0 : (ND-10321D-PART3:FLOPPY-USER)GM0FF-C:BFUN#1  
FILE 1 : (ND-10321D-PART3:FLOPPY-USER)GMENT-C:BFUN#1  
FILE 2 : (ND-10321D-PART3:FLOPPY-USER)GM0FF-B:MODE#1  
FILE 3 : (ND-10321D-PART3:FLOPPY-USER)GMENT-B:MODE#1

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NDRD SOFTWARE LIBRARY DISKETTE

CONTAINING : ND-500 MICRO TEST PROGRAMS

DIRECTORY NAME : ND-10321D-PART4  
USER NAME : FLOPPY-USER

FILE 0 : (ND-10321D-PART4:FLOPPY-USER)COMTE-C:BFUN#1  
FILE 1 : (ND-10321D-PART4:FLOPPY-USER)SLICE-C:BFUN#1  
FILE 2 : (ND-10321D-PART4:FLOPPY-USER)COMTE-B:MODE#1  
FILE 3 : (ND-10321D-PART4:FLOPPY-USER)SLICE-B:MODE#1  
FILE 4 : (ND-10321D-PART4:FLOPPY-USER)MPEST-C:BFUN#1  
FILE 5 : (ND-10321D-PART4:FLOPPY-USER)STMIC-C:BFUN#1  
FILE 6 : (ND-10321D-PART4:FLOPPY-USER)STMIC-B:MODE#1  
FILE 7 : (ND-10321D-PART4:FLOPPY-USER)HAREM-B:MODE#1  
FILE 8 : (ND-10321D-PART4:FLOPPY-USER)HAREM-C:BRF#1

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NORD SOFTWARE LIBRARY DISKETTE

CONTAINING : ND-500 MICRO TEST PROGRAMS

DIRECTORY NAME : ND-103210-PART5  
USER NAME : FLOPPY-USER

FILE 0 : (ND-103210-PART5\FLOPPY-USER)\MEMIC-C\BPUN\1  
FILE 1 : (ND-103210-PART5\FLOPPY-USER)\PREF-B\BPUN\1  
FILE 2 : (ND-103210-PART5\FLOPPY-USER)\MEMIC-B\MODE\1  
FILE 3 : (ND-103210-PART5\FLOPPY-USER)\PREF-B\MODE\1

15 MARCH 1982

PRODUCT	NAME	ND-NUMBER	CATEGORY
	ND-500 micro test programs	10321D	T
		ND-NUMBER FOR SOURCE	
		10322D	
ISSUED	DATE Mar. 4, 1982	BY (INITIALS)	TP/JKH
COMPUTERS	10 ! 12 ! 50 ! X 100 !	X 500 !	
INSTR.SET	48 BIT FL. !	32 BIT FL. !	COMMERCIAL !
OP.SYSTEM	X SIN III VS !	SIN III RT !	X ALONE !
DOCUMENTATION	NUMBER: ND - 30.013.02		
	TITLE: Test Micro Program Descriptions for ND-500		
PURPOSE	To check ND-100/ND-500 communication and ND-500 hardware!		
PROGRAMS (FILES)	PROG.NUMB. NAME	TYPE CONTAINING	
	203102C MPEST	BPUN Memory configuration	
	203103C STMIC	BPUN Start test on any term.	
	203104C HAREM	BRF Run collection of progs.	
	203105C COMTE	BPUN Communication test	
	203106C SLICE	BPUN Test of sequence, regs.,	
	203107C MEMIC	BPUN Memory and cache test	
	203109D PREEF	BPUN Prefetch test	
	203110C ARITH	BPUN Test of external arithm.	
	203111D TRAPT	BPUN Trap system test	
	203112C GMOFF	BPUN Memory-management-off test	
	203113C GMENT	BPUN Memory-management-on test!	
	203144C EXTRA	BPUN Extra test program	
	203397A ADDIT	BPUN Additional cache tests	
	203114B STMIC	MODE Load file for STMIC	
	203115B HAREM	MODE Load file for HAREM	
	203116B COMTE	MODE Load file for COMTE	
	203117B SLICE	MODE Load file for SLICE	
	203118B MEMIC	MODE Load file for MEMIC	
	203120B PREEF	MODE Load file for PREEF	
	203121B ARITH	MODE Load file for ARITH	
	203122B TRAPT	MODE Load file for TRAPT	
	203123B GMOFF	MODE Load file for GMOFF	
	203124B GMENT	MODE Load file for GMENT	
	203159B EXTRA	MODE Load file for EXTRA	
	203399A ADDIT	MODE Load file for ADDIT	

! NORSK DATA A/S		NORD SOFTWARE LIBRARY		PAGE 2 OF 2	
! PRODUCT	! NAME	!	!	! ND-NUMBER	!
!	! ND-500 micro test programs	!	!	! 10321D	!

LOADING/OPERATING PROCEDURE, USE

The 25 files listed above lie on 5 diskettes.  
 There are 13 programs and 12 mode files.  
 MPEST has no mode file.

MPEST is a stand-alone program only. It is loaded by the usual procedure 1560& and LOAD MPEST. It will investigate the memory configuration both for ND-100 and ND-500, and then check the memory of ND-100.

Before the programs are loaded, the files (except MPEST) should be copied to the disk, preferably by the user RT. In all the MODE files except STMIC:MODE, the string SEGNO should be replaced by a segment number.

STMIC runs only under Sintran. It is a background program, and it is loaded with the mode file STMIC:MODE. It must be loaded and started by the user RT. It is used to start one of the rt-programs on the same terminal which the user is using when he runs STMIC.

HAREM runs only under Sintran. It is an rt-program, and may be loaded by the mode file HAREM:MODE. HAREM will run any combination of the micro test programs.

The rest of the programs may be run either stand-alone, or under Sintran as rt-programs. Each of them has a corresponding mode file that may be used to rt-load it. The rt-program is then started either by the Sintran command RT (in which case the program will start on terminal 1), or by HAREM, or by STMIC.

Before the micro test programs are used, the user is recommended to read the manual.

Version C of the test programs is intended for the ND-500 multi-user systems without current segment register (ICSEG, DCSEG).

! NORSK DATA A/S		! NORD SOFTWARE LIBRARY		! PAGE 1 OF 1	
		! REVISION LOG			
! PRODUCT	! NAME	! ND-NUMBER			
	! ND-500 micro test programs	! 10321D			
! ISSUED	! DATE Mar. 4, 1982	! BY (INITIALS) TP/JKH			
! REASON	! X ERROR CORRECTION	! X DIFFERENT ENVIRONMENT			
	! X CHANGE/ADDITION	! . . . . .			
! FILES	! PROG.NUMB. NAME				
! CHANGED					
! OR NEW	! All files except the MODE files.				
! FILES					

CHANGES

Minor errors are corrected.

Test 8 in PREEF is expanded. The new entry points for BCD arithmetic and Fortran library are tested.

An error in test 29 in TRAPT (IFAIL test) is corrected.

The NOMAN test (for no-memory-management) is removed.

The floppy monitor is the F version.