

PRODUCT	NAME	ND-NUMBER	CATEGORY
	Fortran for ND-100/NORD-10	10191A	P
		ND-NUMBER FOR SOURCE	
		10351E	
ISSUED	DATE 82.06.11	BY (INITIALS) JKL	
COMPUTERS	X 10 ! . 12 ! . 50 ! X 100 ! . 500 ! . .... !		
INSTR.SET	. 48 BIT FL. ! . 32 BIT FL. ! . COMMERCIAL !		
OP.SYSTEM	X SIN III VS ! . SIN III RT ! . ALONE ! . . . . .		
DOCUMEN-TATION	NUMBER: 60.145.03		
	TITLE: ND FORTRAN Reference Manual		
PURPOSE	ND-100/NORD-10 ANSI 77 FORTRAN COMPILER AND RUNTIME SYSTEM.		
PROGRAMS (FILES)	PROG.NUMB. NAME	TYPE CONTAINING	
	203053A FORTRAN-100	PROG Fortran compiler	
	203531A FORTRAN-100	BPUN Fortran compiler	
	203532A FORTRAN-1BANK	BRF 1-bank runtime system	
	203533A FORTRAN-2BANK	BRF 2-bank runtime system	
	203534A F32FORT-1BANK	BRF 1-bank runtime system	
	203535A F32FORT-2BANK	BRF 2-bank runtime system	

Procedure for generating a Fortran subsystem:

```
@COPY-FILE "FORTRAN-100-A:PROG", (ND-10191A-PART1:F-U) FORTRAN-100-A:PROG
@COPY-FILE "FORTRAN-100-A:BPUN", (ND-10191A-PART1:F-U) FORTRAN-100-A:BPUN
@DUMP-REENTRANT FORTRAN-100-A,11,11,FORTRAN-100-A:BPUN
```

For ND-100/NORD-10 with 48-bit floating point hardware:

```
@COPY-FILE "FORTRAN-1BANK-A:BRF", (ND-10191A-PART2:F-U) FORTRAN-1BANK-A:BRF
@COPY-FILE "FORTRAN-2BANK-A:BRF", (ND-10191A-PART2:F-U) FORTRAN-2BANK-A:BRF
```

For ND-100/NORD-10 with 32-bit floating point hardware:

```
@COPY-FILE "FORTRAN-1BANK-A:BRF", (ND-10191A-PART3:F-U) F32FORT-1BANK-A:BRF
@COPY-FILE "FORTRAN-2BANK-A:BRF", (ND-10191A-PART3:F-U) F32FORT-2BANK-A:BRF
```

The following Sintran command must be used for all the terminals from which you want to do compilations by using the new FORTRAN compiler:

```
@CHANGE-BACKGROUND-SEGMENT-SIZE <terminal number>,128
```

NOTE: THE FILE FORTRAN-100-A:PROG MUST BE COPIED TO THE USER "SYSTEM", AND IT MUST NOT BE DELETED AFTER THE REENTRANT SUBSYSTEM IS GENERATED.

NORD SOFTWARE LIBRARY DISKETTE

CONTAINING : FORTRAN FOR ND-100/NORD-10

DIRECTORY NAME : ND-10191A-PART1  
USER NAME : FLOPPY-USER

FILE 0 : (ND-10191A-PART1:FLOPPY-USER)FORTRAN-100-A:PROG;1  
FILE 1 : (ND-10191A-PART1:FLOPPY-USER)FORTRAN-100-A:BPUN;1

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CONTAINING : FORTRAN FOR ND-100/NORD-10

DIRECTORY NAME : ND-10191A-PART2  
USER NAME : FLOPPY-USER

FILE 0 : (ND-10191A-PART2:FLOPPY-USER)FORTRAN-1BANK-A:BRF;1  
FILE 1 : (ND-10191A-PART2:FLOPPY-USER)FORTRAN-2BANK-A:BRF;1

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NORD SOFTWARE LIBRARY DISKETTE

CONTAINING : FORTRAN FOR ND-100/NORD-10

DIRECTORY NAME : ND-10191A-PART3  
USER NAME : FLOPPY-USER

FILE 0 : (ND-10191A-PART3:FLOPPY-USER)F32FORT-1BANK-A:BRF;1  
FILE 1 : (ND-10191A-PART3:FLOPPY-USER)F32FORT-2BANK-A:BRF;1

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