


NORD SOFTWARE LIBRARY DISKETTE

CONTAINING : COBOL  
48 AND 32 BITS FLOATING FORMAT

DIRECTORY NAME : ND-10020G  
USER NAME : FLOPPY-USER

FILE 0 : (ND-10020G:FLOPPY-USER)COBOL-2150H:BPUN;1  
FILE 1 : (ND-10020G:FLOPPY-USER)RUNCOB-2151H:BRF;1  
FILE 2 : (ND-10020G:FLOPPY-USER)L-COB-FILE-2332B:BPUN;1  
FILE 3 : (ND-10020G:FLOPPY-USER)TPS-RUNCOB-2333H:BRF;1  
FILE 4 : (ND-10020G:FLOPPY-USER)ISAMLIB-2306C:BRF;1


22 NOVEMBER 1979

		NORD SOFTWARE LIBRARY PROGRAM DESCRIPTION		PAGE 1 OF __1__
PROGRAM	NAME COBOL		PROGRAM NUMBER COM-2150H PART OF ND NUMBER 10020G	
COMPUTERS	<input checked="" type="checkbox"/> 10 <input type="checkbox"/> 12 <input type="checkbox"/> 50 <input checked="" type="checkbox"/> 100 <input type="checkbox"/> 500 <input type="checkbox"/> _____ <input type="checkbox"/> _____			
INSTRUCTION SET	<input type="checkbox"/> 48 BIT FL. <input type="checkbox"/> 32 BIT FL. <input checked="" type="checkbox"/> COMMERCIAL <input type="checkbox"/> _____			
OPERATING SYSTEMS	<input checked="" type="checkbox"/> SIN III VS <input type="checkbox"/> SIN III RT <input type="checkbox"/> ALONE <input type="checkbox"/> _____			
PROGRAM TYPE	<input checked="" type="checkbox"/> BINARY <input type="checkbox"/> BRF <input type="checkbox"/> SYMBOLIC <input type="checkbox"/> _____			
DOCUMENTATION	NUMBER 60.089.03/60.090.02 NORD-10 COBOL REFERENCE MANUAL TITLE NORD-10 COBOL USER'S GUIDE			
ADDRESS SPACE (For Binary Programs)	BOUNDARIES    0    <    65403			
	START ADDRESS    0		RESTART ADDRESS    1	
PURPOSE	NORD 10/100 COBOL COMPILER			


LOADING/OPERATING PROCEDURE, USE

Number of lines per source listing page can be found in location 5156<sub>8</sub>.

@DUMP-REENTRANT COBOL 0 1 COBOL-2150H:BPUN


		NORD SOFTWARE LIBRARY PROGRAM DESCRIPTION		PAGE 1 OF <u>1</u>
PROGRAM	NAME RUNCOB	PROGRAM NUMBER	COM-2151H	
		PART OF ND NUMBER	10020G	
COMPUTERS	<input checked="" type="checkbox"/> 10 <input type="checkbox"/> 12 <input type="checkbox"/> 50 <input checked="" type="checkbox"/> 100 <input type="checkbox"/> 500 <input type="checkbox"/> _____ <input type="checkbox"/> _____			
INSTRUCTION SET	<input type="checkbox"/> 48 BIT FL. <input type="checkbox"/> 32 BIT FL. <input checked="" type="checkbox"/> COMMERCIAL <input type="checkbox"/> _____			
OPERATING SYSTEMS	<input checked="" type="checkbox"/> SIN III VS <input type="checkbox"/> SIN III RT <input type="checkbox"/> ALONE <input type="checkbox"/> _____			
PROGRAM TYPE	<input type="checkbox"/> BINARY <input checked="" type="checkbox"/> BRJ <input type="checkbox"/> SYMBOLIC <input type="checkbox"/> _____			
DOCUMENTATION	NUMBER <u>60.089.03/ 60.090.02</u> TITLE <u>NORD-10 COBOL REFERENCE MANUAL</u> <u>NORD-10 COBOL USER'S GUIDE</u>			
ADDRESS SPACE (For Binary Programs)	BOUNDARIES <			
	START ADDRESS		RESTART ADDRESS	
PURPOSE	Runtime system for NORD 10/100 COBOL compiler.			

LOADING/OPERATING PROCEDURE, USE

		NORD SOFTWARE LIBRARY REVISION LOG		PAGE 1 OF <u>1</u>
PROGRAM	NAME		PROGRAM NUMBER	
	COBOL, RUNCOB		COM-2150H COM-2151H	
			PART OF ND NUMBER	10020G
ISSUED	DATE 79.11.17	BY (INITIALS)	BSH	
REASON	<input checked="" type="checkbox"/> ERROR CORRECTION <input type="checkbox"/> DIFFERENT ENVIRONMENT <input checked="" type="checkbox"/> CHANGE/ADDITION			

#### CHANGES

- 1) RUNCOB returns correct FILE-STATUS in correct data name if specified in SELECT statement.
- 2) If FILE opened for OUTPUT is never used, CLOSE now sets BYTE-POINTER = 0.
- 3) MULTIPLE calls to SORT in same program now functions correctly.
- 4) OCCURS clause at 01 level will issue error message.
- 5) MINOR error in PACK-DECIMAL field sign detection corrected.
- 6) DECLARATIVE sections should now function correctly.

		NORD SOFTWARE LIBRARY PROGRAM DESCRIPTION		PAGE 1 OF 1
PROGRAM	NAME	PROGRAM		
	LIST-COBOL-FILE	NUMBER SUT-2332 B		
		PART OF		
		ND NUMBER 10020F,G		
COMPUTERS	<input checked="" type="checkbox"/> 10 <input type="checkbox"/> 12 <input type="checkbox"/> 50 <input checked="" type="checkbox"/> 100 <input type="checkbox"/> 500 <input type="checkbox"/> ____ <input type="checkbox"/> ____ <input type="checkbox"/> ____			
INSTRUCTION SET	<input type="checkbox"/> 48 BIT FL. <input type="checkbox"/> 32 BIT FL. <input type="checkbox"/> COMMERCIAL <input type="checkbox"/> ____			
OPERATING SYSTEMS	<input checked="" type="checkbox"/> SIN III VS <input type="checkbox"/> SIN III RT <input type="checkbox"/> ALONE <input type="checkbox"/> ____			
PROGRAM TYPE	<input checked="" type="checkbox"/> BINARY <input type="checkbox"/> BRJ <input type="checkbox"/> SYMBOLIC <input type="checkbox"/> ____			
DOCUMENTATION	NUMBER _____			
	TITLE _____			
ADDRESS SPACE (For Binary Programs)	BOUNDARIES      0 < 12000			
	START ADDRESS      6652		RESTART ADDRESS      6652	
PURPOSE	File listing system part of the debugging system for NORD 10/100 COBOL system.			

LOADING/OPERATING PROCEDURE, USE

DUMP-REENTRANT LIST-COB-FILE 6652 6652 L-COB-FILE:BPUN



## PROGRAM DESCRIPTION

PROGRAM	NAME  TPS-RUNCOB	PROGRAM NUMBER	COM-2333H
		PART OF ND NUMBER	10020G
COMPUTERS	<input checked="" type="checkbox"/> 10 <input type="checkbox"/> 12 <input type="checkbox"/> 50 <input checked="" type="checkbox"/> 100 <input type="checkbox"/> 500 <input type="checkbox"/> ____ <input type="checkbox"/> ____ <input type="checkbox"/> ____		
INSTRUCTION SET	<input type="checkbox"/> 48 BIT FL. <input type="checkbox"/> 32 BIT FL. <input checked="" type="checkbox"/> COMMERCIAL <input type="checkbox"/> ____		
OPERATING SYSTEMS	<input checked="" type="checkbox"/> SIN III VS <input type="checkbox"/> SIN III RT <input type="checkbox"/> ALONE <input type="checkbox"/> ____		
PROGRAM TYPE	<input type="checkbox"/> BINARY <input checked="" type="checkbox"/> BRJ <input type="checkbox"/> SYMBOLIC <input type="checkbox"/> ____		
DOCUMENTATION	NUMBER _____		
	TITLE _____		
ADDRESS SPACE (For Binary Programs)	BOUNDARIES	<	
	START ADDRESS	RESTART ADDRESS	
PURPOSE	Runtime system for TPS-COBOL		


LOADING/OPERATING PROCEDURE, USE



## PROGRAM DESCRIPTION

PROGRAM	NAME  ISAMLIB	PROGRAM	COM-2306C
		NUMBER	
		PART OF ND NUMBER	10020F,G
COMPUTERS	<input checked="" type="checkbox"/> 10 <input type="checkbox"/> 12 <input type="checkbox"/> 50 <input checked="" type="checkbox"/> 100 <input type="checkbox"/> 500 <input type="checkbox"/> ____ <input type="checkbox"/> ____ <input type="checkbox"/> ____		
INSTRUCTION SET	<input type="checkbox"/> 48 BIT FL. <input type="checkbox"/> 32 BIT FL. <input type="checkbox"/> COMMERCIAL <input type="checkbox"/> ____		
OPERATING SYSTEMS	<input checked="" type="checkbox"/> SIN III VS <input type="checkbox"/> SIN III RT <input type="checkbox"/> ALONE <input type="checkbox"/> ____		
PROGRAM TYPE	<input type="checkbox"/> RINARY <input checked="" type="checkbox"/> BRF <input type="checkbox"/> SYMBOLIC <input type="checkbox"/> ____		
DOCUMENTATION	NUMBER 60.089.03 / 60.090.02 TITLE <del>NORD-10 COBOL</del> REFERENCE MANUAL TITLE <del>NORD-10 COBOL</del> USER'S GUIDE		
ADDRESS SPACE (For Binary Programs)	BOUNDARIES	<	
	START ADDRESS	RESTART ADDRESS	
PURPOSE	Indexed sequential file system part of the runtime system for NORD 10/100 COBOL compiler.		

LOADING/OPERATING PROCEDURE, USE

		NORD SOFTWARE LIBRARY		PAGE 1 OF ____
PROGRAM	NAME  COBOL	PROGRAM NUMBER		
		PART OF ND NUMBER 10020G		
ISSUED	DATE 79.11.17	BY (INITIALS) BSH		

REFERENCE MANUAL CHANGES:

10020G COM-2150H - COBOL ND-60.089.03

Page: 3-5 Sect: 3.2.1.3 Par: 4

Organization is RELATIVE

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Page: 5-38 Sect: 5.8.23 Par: 3

Delete the following

" In a SD-ENTRY only the RECORD contains and DATA RECORDS  
clause may appear".

These entries are not required with the "new" COBOL SORT  
(MSD-SORT).

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Page: 5-39 SORT USING FILE-NAME-1

Add new line

" FILE-NAME-1 must be fixed length records , .QED  
type files cannot be sorted."

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Page: 5-47 Sect: 5.8.29 Par: 5

The first line should now read.

"The advancing option is restricted to line-printer files.  
and files with block contains 0 records and .... etc.





COBOL USERS GUIDE - ( ND-60.090.02 )

PAGE 2 - 7 SECT. 2.4

ADD THIS PARAGRAPH : -

NOTE : If running a program in batch mode ensure that only one spooling file is opened at a time ie.: LINE-PRINTER.

This is because COBOL allows only two ( 2 ) such files and batch-output is one of these.

You may create more print files however, and @APPEND-SPOOLING-FILE at job end.