

NORD SOFTWARE LIBRARY DISKETTE

CONTAINING : BACKUP-SYSTEM

DIRECTORY NAME : ND-10337B  
USER NAME : FLOPPY-USER

FILE 0 : (ND-10337B:FLOPPY-USER)BACKUP-SYSTEM-B:BPUN#1

16 NOVEMBER 1981

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		! REVISION LOG			
! PRODUCT	! NAME	! ND-NUMBER			
	! BACKUP-SYSTEM	! 10337B			
! ISSUED	! DATE 81.11.16	! BY (INITIALS) LA			
! REASON	! X ERROR CORRECTION	! . DIFFERENT ENVIRONMENT			
	! X CHANGE/ADDITION	! . . . . .			
! FILES	! PROG.NUMB. NAME				
! CHANGED	! 203160B	! BACKUP-SYSTEM			
! OR NEW	!				
! FILES	!				

CHANGES

- LABELS ARE CHANGED TO INCLUDE MAX BYTE POINTER ALSO WHEN COPYING IN STANDARD VOLUME MODE. THIS WILL ENSURE CORRECT BYTE POINTER ON DESTINATION FILES WHEN INTERCHANGING TAPES BETWEEN BACKUP-SYSTEM AND SINTRAN COPY-USERS-FILES.
- CORRECTED ERROR IN INPUT ROUTINE WHEN SELECTING FILES TO BE COPIED. FILE-TYPE WAS SOMETIMES IGNORED.
- CORRECTED ERROR WHEN CHECKING ON OWNER OF VOLUME. USERS WITH NAMES LONGER THAN 13 CHARACTERS WERE NOT ALLOWED TO ACCESS THEIR VOLUMES.
- ERRORS LIKE NOT-READ-ACCESS WHEN ACCESSING SOURCE-FILES CAUSED THE BACKUP-SYSTEM TO ABORT COPYING. THE BACKUP-SYSTEM WILL NOW PRINT THE FILE-NUMBER, ERROR MESSAGE AND CONTINUE COPYING THE FOLLOWING FILES.
- WHEN SOURCE-FILES ARE DEFINED FROM A PARAMETER-FILE, THE BACKUP-SYSTEM WILL NOT TERMINATE IF NO FILES ARE FOUND UNDER A GIVEN FILE KEY. THE BACKUP-SYSTEM TERMINATES AT END OF PARAMETER-FILE.
- MAG-TAPE UNIT WAS NOT RESERVED WHEN A COPY WAS EXECUTED FOLLOWING A LIST- OR CREATE-VOLUME COMMAND. THE MAG-TAPE UNIT IS NOW RESERVED WHEN ACCESSED AND STAYS RESERVED UNTIL A NEW UNIT IS ACCESSED OR EXIT FROM THE BACKUP-SYSTEM IS PERFORMED.
- CHANGES HAVE BEEN MADE IN THE TAPE INPUT ROUTINES OF THE BACKUP-SYSTEM TO ACCEPT VARIOUS IMPLEMENTATIONS OF THE ANSI-LABEL STANDARD. THE BACKUP-SYSTEM WILL TURN ON MANUAL-CHECK IF FILES AND NAMES ARE INCOMPATIBLE WITH ND-FILESYSTEM. A POSSIBILITY TO REDEFINE THE NAMES IS THEN GIVEN AND THE FILE WILL BE CREATED ACCORDING TO THE NEW NAMES. THIS MIGHT MAKE IT POSSIBLE TO COPY FROM FOREIGN ANSI-LABELLED TAPES WITH THE BACKUP-SYSTEM.
- MANUAL CHECK WILL NOW ACCEPT LOWER-CASE CHARACTERS.
- MINOR CHANGE IN LIST-VOLUME TO ALLOW 4 DIGIT FILE-NUMBERS.
- CORRECTED ERRORS IN USER- AND MASTER-LOG MODES CONCERNING OPENING OF LOG-FILES.

! PRODUCT	! NAME	! ND-NUMBER	! CATEGORY
!	! BACKUP-SYSTEM	! 10337B	! P
!	!	! ND-NUMBER FOR SOURCE	!
!	!	! 10347B	!
! ISSUED	! DATE 81.11.16	! BY (INITIALS)	! LA
! 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: 60.151.01		
!	! TITLE: SINTRAN III UTILITIES MANUAL (Not released yet)		
! PURPOSE	! SUB-SYSTEM FOR FILE COPYING AND BACKUP UNDER ! SINTRAN-III.		
! PROGRAMS ! (FILES)	! PROG.NUMB. NAME	! TYPE CONTAINING	
!	! 203160B BACKUP-SYSTEM	! BPUN BACKUP-SYSTEM PROGRAM	

## LOADING/OPERATING PROCEDURE, USE

COPY THE FILE BACKUP-SYSTEM:BPUN FROM THE FLOPPY CALLED ND-10337B (BACKUP-SYSTEM FOR SINTRAN-III) TO THE USER WHERE YOU KEEP THE :BPUN FILES (SYSTEM,UTILITY,BPUN-FILES....)

## EXAMPLE:

LOG IN UNDER THE USER WHERE YOU KEEP THE :BPUN FILES:

@ENTER-DIRECTORY ND-10337B,FLOPPY-DISK-1<,0>

@COPY-FILE "BACKUP-SYSTEM-B:BPUN" (ND-10337B:F-U)BACKUP-SYSTEM:BPUN

LOG IN UNDER USER SYSTEM

@DUMP-REENRANT BACKUP-SYSTEM-B 0 0 (???)BACKUP-SYSTEM

ONLINE DOCUMENTATION CAN BE OBTAINED FROM THE BACKUP-SYSTEM BY THE FUNCTIONS HELP AND (?)

HELP : FUNCTION FOR LISTING COMMANDS OR A SUBSET OF COMMANDS.  
HELP HAS COMMAND-NAME AS PARAMETER. IF HELP IS TYPED AS PARAMETER TO HELP, THE COMMANDS WILL BE LISTED WITH CORRESPONDING EXPLANATIONS.

(?) : A (?) FOLLOWING AN AMBIGUOUS COMMAND ACTS AS HELP WITH THE COMMAND-NAME AS PARAMETER. IF THE COMMAND IS UNIQUE, AN EXPLANATION OF THIS COMMAND IS GIVEN. A (?) GIVEN IN PLACE OF A PARAMETER WILL EXPLAIN THIS PARAMETER.

THE BACKUP-SYSTEM WILL ACCEPT SEVERAL COMMANDS WRITTEN ON THE SAME LINE. WHEN THESE COMMANDS ARE PROCESSED, THE BACKUP SYSTEM WILL TRACE THEM BY OUTPUTTING THE LEAD-TEXT,COMMAND-NAMES AND PARAMETERS COLLECTED.