

NQRD SOFTWARE LIBRARY DISKETTE

Containing : ACCOUNTING SYSTEM FOR SINTRAN III
(48 bits floating format)

Directory Name : 10315F00-1
User Name : FLOPPY-USER

Num	File name	Type	File access:			Pages	Bytes
			Public	Friend	Own		
0	ACC-S-48-F00	PROG R		RWA	RWACD	118	481280
1	ACCRT-F00	BFUN R		RWA	RWACD	6	8756
2	ACC-COPY-F00	MODE R		RWA	RWACD	2	325

Total: 3 files using 126 pages out of 148 pages

25 JAN 1985

NORD SOFTWARE LIBRARY DISKETTE

Containing : ACCOUNTING SYSTEM FOR SINTRAN III
(32 bits floating format)

Directory Name : 10315F00-2
User Name : FLOPPY-USER

Num	File name	Type	File access:			Pages	Bytes
			Public	Friend	Own		
0	ACC-S-32-F00	PROG R		RWA	RWACD	118	481280
1	ACC-COPY-F00	MODE R		RWA	RWACD	2	325

Total: 2 files using 120 pages out of 148 pages

25 JAN 1985

35121 100 724804

Product	Name Accounting System for SINTRAN III	Number(s) 10315F	Category STPR																												
Reason	. New product . Change/Addition	X Error Correction . Different Environment																													
Documen- tation	Title SINTRAN III System Supervisor		ND-no. 30.003.06																												
Purpose	To maintain the SINTRAN III accounting files and to produce logs and accounts of system usage. Also to account user RT-program system use																														
Prerequi- sites	Computer Type Floating format Op. system Version ND-100 ALL ALL Sin III I or J																														
	Minimum permanent mass storage resources User Userspace Number of files SYSTEM 118 pages on 1 file BPUN 6 pages on 1 file																														
Product consists of		ND-no. for Source 10314F																													
Directory Name: 10315F00 1 User Name: Floppy-user																															
<table border="1"> <thead> <tr> <th>Prog.no.</th> <th>File Name</th> <th>Type</th> <th>T</th> <th>Pg.</th> <th>Bytes</th> <th>Containing</th> </tr> </thead> <tbody> <tr> <td>203899D</td> <td>ACC-S-48-F00</td> <td>PROG</td> <td>I</td> <td>118</td> <td>481280</td> <td>Accounting Program</td> </tr> <tr> <td>204536B</td> <td>ACC-COPY-F00</td> <td>MODE</td> <td>I</td> <td>2</td> <td>325</td> <td>Mode file</td> </tr> <tr> <td>203074D</td> <td>ACCRT-F00</td> <td>BPUN</td> <td>I</td> <td>6</td> <td>8756</td> <td>RT accounting file</td> </tr> </tbody> </table>				Prog.no.	File Name	Type	T	Pg.	Bytes	Containing	203899D	ACC-S-48-F00	PROG	I	118	481280	Accounting Program	204536B	ACC-COPY-F00	MODE	I	2	325	Mode file	203074D	ACCRT-F00	BPUN	I	6	8756	RT accounting file
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1 ERRORS CORRECTED

- ACCRT

An error caused by the size of the 1DWRITE, 1RREAD routines has been corrected on source

- ACCOUNTING-SERVICE-PROGRAM

For ND-500 systems a log of ND-500 usage was produced but this information did not appear in the accounts. This has been previously corrected in a patch, but is now included in the source.

Product	Name	Number(s)	Category
	Accounting System for SINTRAN III	10315F	STPR

2 INSTALLATION PROCEDURE

Before copying the ACCOUNTING SERVICE PROGRAM to user SYSTEM the previous version (if one has been used) should be used to perform DUMP-AND-ACCUMULATE and ACCOUNTS:DATA should be RESET. If the system is new and an H or previous version of SINTRAN III has not been run, or you do not wish to save the data on ACCOUNTS:DATA, then the SINTRAN command

@UNIT-ACCOUNTING

should be performed.

Log in as user SYSTEM, enter either the directory 10315F00-1 (for machines with a 48 bit-floating cpu), or 10315F00-2 (for machines with a 32 bit-floating cpu), and execute

@MODE (10315F:Floppy-user)ACC-COPY-F:MODE,,

this will delete the old version and copy the new version to user SYSTEM, with the correct file name.

The file ACCRT-F:BPUN should be copied to the user where BPUN files are normally stored.

To load the ACCRT RT-program the following commands are given:

@RT-LOADER

*READ-BINARY (BPUN-USER)ACCRT-F 32

*YES

*END-LOAD

*EXIT

Product	Name	Number(s)	Category
	Accounting System for SINTRAN III	10315F	STPR

NOTE !

The C-version should be used for the H and previous versions of SINTRAN.

- 1) If it is not desired to keep accounts, i.e., the files ACCOUNTS:DATA and ACCOUNTS:ISAM, the following patch can be performed:

@ACCOUNT-SER-PROG

ACCOUNTING SERVICE PROGRAM : VERSION F - 30/MAY/83

ACC: EXIT

@LOOK MEM

177766/ 0 1

+

@MEMORY 0 -1

@DUMP ACCOUNT-SER-PROG 33003 33003

When this is done the command DUMP-AND-ACCUMULATE will only produce a log. The commands PRINT-AND-ACCUMULATE, LOOK-ACCUMULATED and DELETE-ACCUMULATED will have no effect whatsoever (although they will collect parameters in the command processor).

- 2) To use this version of the ACCOUNTING SERVICE PROGRAM with the E, F, G and H-versions of SINTRAN III the following patch can be performed:

@ACCOUNT-SER-PROG

ACCOUNTING SERVICE PROGRAM : VERSION F - 30/MAY/83

ACC: EXIT

@LOOK MEM

177703/ 36 32

36 32

+

@MEMORY 0 -1

@DUMP ACCOUNT-SER-PROG 33003 33003

Product	Name	Number(s)	Category
	Accounting System for SINTRAN III	. 10315F	STPR

3) STRUCTURE AND CONTENTS OF ACCOUNTS:DATA;

Block size : 30 words (decimal)

Block 0 : word 0 - No. of records on the file.

word 1 - desired No. of accounts.

word 2 - maximum No. of accounts.

Block n : Format of entries			
WORD	BACKGROUND	RT	SPOOLING
0	USER NAME	RT-PROGRAM	USER NAME
1	"	NAME	"
2	"	"	"
3	"	"	"
4	"	"	"
5	"	"	"
6	"	"	"
7	"	"	"
8	4 (BKD/ND-500)	1 (RT)	2 (SPOOLING)
9	LOGOUT TIME	DUMP TIME	PRINT TIME
10	"	"	"
11	TERMINAL TIME	0	0
12	"	0	0
13	TERMINAL No.	0	SPOOL DEV No.
14	TIME USED	TIME USED	No. OF PAGES
15	"	"	PRINTED.
16	PROJECT NAME	PROJECT NAME	PROJECT NAME
17	"	"	"
18	"	"	"
19	"	"	"
20	"	"	"
21	"	"	"
22	"	"	"
23	"	"	"
24	BLOCK IO	BLOCK IO	0
25	TRANSFERS	TRANSFERS	0
26	ND-500 CONNECT	0	0
27	TIME	0	0
28	ND-500 CPU	0	0
29	TIME	0	0