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

Directory	Name	2	10315F00-1
User Name			FLOPPY-USER

Sec. 1 . And

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

Total: 3 files using 126 pages out of 148 pages

25 JAN 1985

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	4	an ar na na ar na na na na	5 km i 5 5 2 Mg i 2 2 2 3				1
	Contaiņing		JNTING SYS bits float:				
	Directory N User [°] Name	ame : 1031 : FLOPP					
	Num File n	ame	Type Publ	File acces ic Friend		Pages By	ytes
······································	O ACC-S- 1 ACC-CO	32-F00 PY-F00 2_0	PROG R MODE R	RWA RWA	RWACD RWACD	118 480 2	4280 325
	Total: 2	e de la companya de l	b_{j} :	40 L L L L L L L			
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CTBALLCIE (ALCOLOCIAL) COMPLEX (ALCOLOGY) Date 85.03.04 Norsk Data A/S Page 1 of 4 PROGRAM DESCRIPTION Product Number(s) Category Name Accounting System for 10315F STPR SINTRAN III . New product . Change/Addition X Error Correction Reason . Different Environment ··· 1 Title ND-no. Documen-SINTRAN III System Supervisor tation 30.003.06 . 4 i. 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 (j. 5 Computer Type Floating format Op. system Version Prerequi-ND-100 Sin III | I or J sites ALL ALL Minimum permanent mass storage resources Number of files User Userspace SYSTEM 118 pages on 1 file BPUN 6 pages on 1 file ND-no. for Source Product 10314F consists of Directory Name: 10315F00 1 User Name: Floppy-user

Prog.no. File Name Type T Pg. Bytes Containing PROG I 118 481280 Accounting Program 203899D ACC S-48-F00 MODE I 2 325 Mode file 204536B ACC-COPY-F00 6 203074D ACCRT-F00 BPUN I 8756 RT accounting file Directory Name: 10315F00-2 User Name: Floppy-user Prog.no. File Name Type T Pg. Bytes Containing 203900C ACC-S-32-F00 PROG I 118 481280 Accounting Program 2045368 ACC-COPY-F00 MODE I 2 325 Mode file

1 ERRORS CORRECTED

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- 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.

, ú	Date 85.03	.04 Norsk Data A/S PROGRAM DESCRIPTION	, _{(† 1} 2 Page ₃	2 of 4
		Name Accounting System for SINTRAN III	Number(s) _ 10315F	Category 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

QUNIT-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

DMODE (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:

ORT-LOADER

*<u>READ-BINARY (BPUN-USER)ACCRT-F 32</u>

*<u>YES</u> (жарля воливо амілицирова ери на поле у ілі вер ал. р *<u>END-LOAD</u> ри ім ери III раятира на роцілі і на сб. () *<u>EXIT</u> (колостив)

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Date 85	.03.04	P R	Norsk Da Ogram Di	ata A/S ESCRIPTION	Page	3 of 4
Product	ACC	e ounting Sys TRAN III	tem for	9.4. s	Number(s) 10315F	Category STPR

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

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 If it is not desired to keep accounts, ie., the files AACCOUNTS:DATA and AACCOUNTS:ISAM, the following patch can be performed:

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<u>ACCOUNT-SER-PROG</u>

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

Q<u>LOOK MEM</u> - Compare 1929, and 185 compares 500 Mich. For States - Life <u>177766/</u>01<u>1</u> - Compares Free States - States - Compares -

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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:

<u>ACCOUNT-SER-PROG</u>

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

ACC: <u>EXIT</u>

DLOOK MEM <u>177703/</u> 36 <u>32</u> 36 <u>32</u>

DEMORY 0 - 1 DUMP ACCOUNT-SER-PROG 33003 33003

Date 85.03	3.04 Norsk Data A/S PROGRAM DESCRIPTION	Page	4 of 4
Product	Name Accounting System for SINTRAN III	Number(s) . 10315F	Category STPR
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3) STRUCTURE AND CONTENTS OF ACCOUNTS: DATA;

Block n : Format of entries						
WORD	BACKGROUND	RT	SPOOLING			
0	USER NAME	RT - PROGRAM	USER NAME			
1		NAME	14			
. 2		**	"			
3		**				
4			11			
5	"	**				
6		10 g				
7		11				
8	4 (BKD/ND-500)	1 (RT)	2 (SPOOLING)			
9	LOGOUT TIME	DUMP TIME	PRINT TIME			
10	14	"	"			
11	TERMINAL TIME	0	0			
12		0	0			
13	TERMINAL NO.	0	SPOOL DEV No.			
14	TIME USED	TIME USED	NO. OF PAGES			
15	11	10	PRINTED.			
16	PROJECT NAME	PROJECT NAME	PROJECT NAME			
17		"	14 .			
18	"	н	11			
19	"	U	**			
20		0				
21		п				
22	· · · · · ·					
23		. 11				
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	D			
29	TIME	0	0			

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