

# ND SOFTWARE LIBRARY DISKETTE

PAGE 1

Containing : NOTIS-RG for ND-100  
(English version)

Directory Name : 210193C02-EN-010

User Name : FLOPPY-USER

Nr	File name	Type	T	File access:			Pages	Bytes
				Public	Friend	Own		
0	INST-RG-100-C02	PROG	I	RWACD	RWACD	RWACD	65	187292
1	RG-SETUP-C02	XCOM	I	RWACD	RWACD	RWACD	5	8010
2	NOTIS-RG1-EN-C02	PROG	I	RWACD	RWACD	RWACD	73	403456
3	NOTIS-RP1-EN-C02	PROG	I	RWACD	RWACD	RWACD	72	399360
4	UE-ERMSG-EN-B03	ERR	I	RWACD	RWACD	RWACD	46	90880
5	NOTIS-RG0-EN-C02	PROG	I	RWACD	RWACD	RWACD	98	401408
6	RG-FORMS-EN-C02	NDPF	I	RWACD	RWACD	RWACD	21	40960
7	NOTIS-RP0-EN-C02	PROG	I	RWACD	RWACD	RWACD	80	397312
8	DDBTABLES-E-E04	VTM	I	RWACD	RWACD	RWACD	13	23274
9	RG-EXLIB-EN-C00	RPRT	C	RC	RWAC	RWACD	10	20480
10	RG-PRIV-EN-C00	TEXT	I	RC	RWAC	RWACD	2	699
11	RG-PERSON-EN-C00	TEXT	I	RC	RWAC	RWACD	5	6221
12	files using 490 pages.			610 pages reserved out of 610 pages.				

ND SOFTWARE LIBRARY DISKETTE

Containing : NOTIS-RG for ND-100  
(English version)

Directory Name #: 210193C02-EN-04S

User Name : FLOPPY-USER

File access:

Nr	File name	Type T	File access:			Pages	Bytes
			Public	Friend	Own		
0	NOTIS-RPD-EN-C02	PROG I	RWACD	RWACD	RWACD	80	397312
1	DDBTABLES-E-E04	VTM I	RWACD	RWACD	RWACD	13	23274
2	RG-EXLIB-EN-C00	RPRT C	RC	RWAC	RWACD	10	20480
3	RG-PRIV-EN-C00	TEXT I	RC	RWAC	RWACD	2	699
4	RG-PERSON-EN-C00	TEXT I	RC	RWAC	RWACD	5	6221

5 files using 110 pages. 148 pages reserved out of 148 pages.

NOTIS-RG for ND-100 is a new I2AM version for the ND-100. The new version of NOTIS-RG includes I2AM version 2.1. The new version of NOTIS-RG is slightly changed. On ND-100 the patch address to use was changed from 00000000 to 00000001. The patch address is changed from block 100 to block 101. The word 'CHANGE' is added to the program description sheet. The patch should be corrected to NOTIS-RG.

Log on to user NOTIS

<CR>

<>>> NOTIS-RPD-EN-C02 <CR>

<>>>

<>>> 100 <CR>

<>>> 100 <CR>

<>>>

<>>>

<>>> 100 <CR>

NOTIS-RG for ND-100 is a new I2AM version for the ND-100. The new version of NOTIS-RG includes I2AM version 2.1. The new version of NOTIS-RG is slightly changed. On ND-100 the patch address to use was changed from 00000000 to 00000001. The patch address is changed from block 100 to block 101. The word 'CHANGE' is added to the program description sheet. The patch should be corrected to NOTIS-RG.

Log on to user NOTIS

NO Norsk Data

Software INFORMATION Report

Page: 1

NOTIS-RG for ND-100  
210193C

Date: 861120

Report no: 210193C

Program: All  
Subject: New revision of NOTIS-RG and NOTIS-RP, - revision C02.

The C02 revision of NOTIS-RG includes ISAM version J. This gives improved performance for multiuser ISAM operation.

NOTE! Because of the new ISAM version, the installation procedure for NOTIS-RG is slightly changed:  
On ND-100 the patch address to use when changing ISAM multiuser device is changed from block 139, word 40 to block 139, word 42. See section 'CHANGE ISAM INTERNAL DEVICE' in Program Description Sheet for NOTIS-RG for ND-100. The patch should be done this way for NOTIS-RP-C02:

Log in on user NOTIS

```
@look-file <CR>
>>OPEN NOTIS-RP0-EN-C:PROG <CR>
>> <CR>
>>PATCH 139,42 <CR>
202B <CR>          (: or another device number)
. <CR>
EXIT <CR>
```

Errors corrected in revision C02:

Edit the 'Length' column in SIBAS infile description (required when e.g. redefining from INTEGER to PACKED DECIMAL).

Defining two outfiles with same number but different names.

ND SOFTWARE LIBRARY DISKETTE

Containing 2170 : NOTIS-RG for ND-100  
 (Swedish version)

Directory Name : 210193C02-SW-010

User Name : FLOPPY-USER

File access:

Nr	File name	Type	Public	Friend	Own	Pages	Bytes
0	INST-RG-100-C02	PROG I	R	R	RWACD	65	187292
1	RG-SETUP-C02	COM	R	R	RWACD	5	8010
2	NOTIS-RG1-SW-C02	PROG I	R	R	RWACD	73	403456
3	NOTIS-RP1-SW-C02	PROG I	R	R	RWACD	72	399360
4	UE-ERMSSW-B02	ERR	R	R	RWACD	49	97280
5	NOTIS-RG01-SW-C02	PROG I	R	R	RWACD	98	401408
6	DDBTABLES-E-E04	VTM I	R	R	RWACD	13	23274
7	RG-FORMS-SW-C02	FORM	R	R	RWACD	21	40960
8	NOTIS-RP0-SW-C02	PROG I	R	R	RWACD	80	397312
9	RG-EXBIB-SW-C00	RPRT C	R	R	RWACD	10	20480
10	RG-PRIVE-SW-C00	TEXT	R	R	RWACD	2	956
11	RG-PERSON-SW-C00	TEXT	R	R	RWACD	5	6441

12) Files using 480 pages reserved out of 610 pages.

Date: 861120

NOTIS-RG for ND-100  
210193C  
Report no: 4

010-W2-8008810

2878 17015 1 8708 19

```

Install NOTIS-RG when actual users have got more than
255 object entries.
-----
Run reports with sorting on terminals with terminal
number > 999.
Searching in SIBAS substream some non-unique key if
owner field has parity (e.g. from NP-file)
Reflecting the TOTAL or SUBTOTAL fields in printout
even if the result is erroneous.
The function NUMBER-OF-DAYS (<date1>,<date2>) now
gives negative result if <date1> > <date2>.

```

MIN or MAX function in Named Expression with condition

Product	Name NOTIS-RG for ND-100	Reg. no. 210193C	Category STPR
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Reason	* Change/Addition
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Documen- tation	Title	Reg. no.
	NOTIS-RG Reference Manual	63.013.5 EN
	NOTIS-RG Reference Card	99.003.1 EN
	NOTIS-RG Examples of Use	63.040.1 EN
	NOTIS-RG Referansehandbok	63.014.5 NO
	NOTIS-RG Oppslagskort	99.003.1 NO
	NOTIS-RG Referenshandbok	63.013.5 SW
	NOTIS-RG Referenzhandbuch	63.013.5 GE
	NOTIS-RG Referenzkarte	99.003.1 GE

Purpose	General purpose report generator
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Prerequi- sites	Computer Type	Floating format	Op. system	Version
	ND-100	48 or 32 bit	SIN III VS	I, J, K
	Minimum mass storage resources for installation			
	User	Userspace	Number of files	
	SYSTEM	213 pages on	10 files	
	NOTIS	351 pages on	7 files	
	Minimum permanent mass storage resources			
	User	Userspace	Number of files	
	SYSTEM	0 pages on	0 files	
	NOTIS	345 pages on	6 files	
	Max/Min number of RT-descriptions:		Max 0	Min 0
	Max/Min number of segments:		Max 4	Min 4
	Space requirements on segment file(s) is 320 pages			

	Reg. no. for Source 210577C
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File Name	Type	Containing
INST-RG-100-C<rev>	PROG	Installation Program
RG-SETUP-C<rev>	XCOM	Inst. Utilities
NOTIS-RG1-<lang>-C<rev>	PROG	Sub segment RG
NOTIS-RP1-<lang>-C<rev>	PROG	Sub segment RP
UE-ERMSG-<lang>-B<rev>	ERR	Error messages
NOTIS-RG0-<lang>-C<rev>	PROG	Main segment RG
RG-FORMS-<lang>-C<rev>	NDPF	NDP forms and help
NOTIS-RP0-<lang>-C<rev>	PROG	Main segment RP
DDBTABLES-E-E04	VTM	Terminal descriptions
RG-EXLIB-<lang>-C<rev>	RPRT	Example reports
RG-PRIV-<lang>-C<rev>	TEXT	Example data
RG-PERSON-<lang>-C<rev>	TEXT	Example data

NOTE: <rev> is to be replaced by the current revision of the DIRECTORY or FILE. The revision level is found on the preceding "ND SOFTWARE LIBRARY DISKETTE" pages.

<lang> is to be replaced by the relevant language version.

Product	Name	Reg. no.	Category
	NOTIS-RG for ND-100	210193C	STPR

**1 ERRORS CORRECTED**

Contiguous files are opened for READ COMMON access, allowing other products to open the file for WRITE COMMON during report production.

Sorting on substring of alphanumeric field now works also for space-saving sort method.

- Error in positioning of PAGE HEADING/FOOTING in reports with horizontally repeated DETAIL area is corrected.

- Key search on ISAM/SIBAS group keys is properly implemented.

Edit the 'Length' column in SIBAS infile description (required when e.g. redefining from INTEGER to PACKED DECIMAL).

- Defining two outfiles with same number but different names.

- Install NOTIS-RG when actual users have got more than 255 object entries

- Run reports with sorting on terminals with terminal number > 999.

- Searching in SIBAS substream on non-unique key if owner field has parity (e.g. from WP file).

- Reflecting the TOTAL or SUBTOTAL fields in printout even if the result is erroneous.

The function NUMBER-OF-DAYS (<date1>,<date2>) now gives negative result if <date1> > <date2>. MIN or MAX function in Named Expression with condition.

**2 PREREQUISITES**

- To read data from local SIBAS databases, NOTIS-RG version C requires SIBAS version D or later.

- To read from remote SIBAS databases, SIBAS-BACKEND version F must be installed.

Product	Name	Reg. no.	Category
	NOTIS-RG for ND-100	210193C	STPR

### 3 MODIFICATIONS

#### 3.1 CHANGED COMMANDS

- PAGE command is replaced by the OUTPUT-FILES command.
- GENERAL command is replaced by the INPUT-FILES command.
- NEW-FILE command is replaced by the CREATE-LIBRARY command.
- FILES command is replaced by the LIST-LIBRARIES command.
- ENLARGE-FILE command is replaced by the ENLARGE-LIBRARY command.

#### 3.2 IMPROVED PERFORMANCE

- Infile description modification is done much faster than in earlier versions.
- Reading of sequential input files (made with an editor) is faster than in earlier versions.
- The J version of ISAM is included. This gives improved performance for multiuser ISAM operation.

#### 3.3 NEW FEATURES

The C version of NOTIS-RG offers improved functionality, with a moderately changed user interface. The most important news are :

- Multiline text fields as input, printed as justified text columns in the report.
- Sequential (NOTIS-WP) files used as substreams.
- Several output files per report.
- Key search on ISAM and SIBAS group keys.
- Datatype conversion to any SIBAS storage format.
- Consistency check is done against SIBAS timestamp.



Product	Name	Reg. no.	Category
	NOTIS-RG for ND-100	210193C	STPR

- Selection, sort and control break on NAMED EXPRESSIONS.
- Calendar functions.
- More space for defining report parameters.
- Command line, message line and status line as in NOTIS-WP.

IMPROVED PERFORMANCE

- Description modification is done much faster than in earlier versions.
- Editing of sequential input files (made with an editor) is faster than in earlier versions.
- The 1 version of ISAM is included. This gives improved performance for multiter ISAM operation.

NEW FEATURES

- The 0 version of NOTIS-RC offers improved flexibility with a rarely changed user interface. The new input and report parameters in the report.
- Several output files per report.
- Key search on ISAM and SIBAS group keys.
- Easy conversion to any SIBAS storage format.
- Consistency check is done against SIBAS timestamps.

Product	Name	Reg. no.	Category
RETS	NOTIS-RG for ND-100	210193C	STPR

#### 4 INSTALLATION PROCEDURE

In SS/SD, NOTIS-RG for ND-100 is supplied on four diskettes, with directory names 210193C<rev>-<lang>-01S to 210193C<rev>-<lang>-04S. If you have ordered DS/DD diskettes, one diskette 210193C<rev>-<lang>-01D is supplied.

If you already have NOTIS-RG version B on your computer, you should delete this program before installing NOTIS-RG version C. The last section describes how this may be done.

The procedure to load NOTIS-RG version C is as follows:

1) Log in as user SYSTEM.

2) Make sure that the required number of pages and files is free on user SYSTEM (prerequisites, page 1).

3) NOTIS-RG should always be installed on SINTRAN user NOTIS. This user must have some free pages (see prerequisites, page 1). Make sure that the user exists, and has enough free pages ! NOTE : if you want to install several language versions of NOITS-RG, the space requirements on user NOTIS will add up.

4) Insert the diskette 210193C<rev>-<lang>-01 in your diskette station.

5) Enter this directory by typing  
@ENT-DIR 210193C<rev>-<lang>-01 FLOPPY-D-<drive>-<unit>

6) Start the installation program by typing  
@(210193C<rev>:FLOPPY-USER)INST-RG

The installation program will then guide you through the installation. It asks which language version(s) to install. Your answer must correspond to the diskette set(s) you have. If you have ordered both Norwegian and English version, the installation program should be used to install both language versions at the same time.

You are asked to insert the other diskettes when required.

To check that the installation was successful, you may inspect the file (SYSTEM)RG-100-DUMP-C:LOG. This file is output by the installation MODE job. Delete the file when you have looked at it.

The installation leaves a temporary file on user SYSTEM, (SYSTEM)INSTALL-RG-C:TEMP. This file should be deleted.

Product	Name	Reg. no.	Category
	NOTIS-RG for ND-100	210193C	STPR

## 5 RE-INSTALLATION FROM DUMP-REENTRANT FILE

The installation program makes a :MODE file that should later be run to re-install NOTIS-RG. Remember to update the DUMP-REENTRANT (or HENT-MODE) file with this command:

```
@MODE (NOTIS)RG-100-DUMP-C:MODE,,
```

## 6 EXAMPLE FILES

The NOTIS-RG Reference Manual contains an appendix with some examples. One example report file and two example data files are found on the last diskette (see the list of files per directory). These files are useful for anyone who want to work with the examples. Before you remove the last diskette from the diskette station, you may ENTER it and copy the three example files from this diskette using BACKUP-SYSTEM. Please inform the NOTIS-RG users where these files may be found.

## 7 THE TERMINAL DESCRIPTION FILE

If you already have a version of the terminal description file DDBTABLES-E:VTM, the file DDBTABLES-E04:VTM will be copied to a file named DDBTABLES-E04:NEW (on user SYSTEM).

If you want to use this new file, please delete the old file DDBTABLES-E:VTM, and rename the new file by typing:

```
@DELETE-FILE (SYSTEM)DDBTABLES-E:VTM
```

```
@RENAME-FILE (SYSTEM)DDBTABLES-E04:NEW:VTM
```

Product	Name	Reg. no.	Category
	NOTIS-RG for ND-100	210193C	STPR

## 8 THE ERROR MESSAGE FILE

If you already have a version of the error message file UE-ERMSG-<lang>-B:ERR, the file UE-ERMSG-<lang>-B<rev>:ERR will be copied to a file named UE-ERMSG-<lang>-B<rev>:NEW (on user SYSTEM).

If you want to use this new file, please delete the old file UE-ERMSG-<lang>-B:ERR, and rename the new file by typing:

```
@DELETE-FILE (SYSTEM)UE-ERMSG-<lang>-B:ERR
@RENAME-FILE (SYSTEM)UE-ERMSG-<lang>-B<rev>:NEW :ERR
```

## 9 CHANGE ISAM INTERNAL DEVICE

The ISAM version loaded with NOTIS-RP is a multiuser ISAM, allowing ISAM files to be accessed in multiuser mode. The ISAM version loaded with NOTIS-RP will by default use internal devices 200B and 201B.

Internal devices are only used if the ISAM multiuser supervisor (ISAMRT) is installed on your computer. If your ISAM multiuser supervisor uses other device numbers than 200B/201B, you must change the device number in NOTIS-RP. After NOTIS-RG/RP version C is installed, you may change the device numbers this way:

1) Log in as user NOTIS.

2) Use the program LOOK-FILE to change the device number in the NOTIS-RP program file. Note that ISAM will use the device number entered, and the succeeding device number (as shown below, 202B and 203B):

```
@LOOK-FILE
>>OPEN NOTIS-RP<lang>-C:PROG
>>PATCH 139 42
000052 ( 42)/000200 : 202B (or an other number)
000053 ( 43)/025432 : .
>>EXIT
```

3) Log in as user SYSTEM.

4) Run the mode file that dumps NOTIS-RG and NOTIS-RP :

```
@MODE (NOTIS)RG-100-DUMP-C:MODE,,
```

Product	Name	Reg. no.	Category
	NOTIS-RG for ND-100	210193C	STPR

**10 DELETE NOTIS-RG VERSION B**

It is possible to have both version B and C of NOTIS-RG installed at the same computer. However, we recommend that you only have last version installed.

The list below shows how to delete NOTIS-RG version B.

- 1) Log in as the user where you installed NOTIS-RG version B. The name of this user may be found in your DUMP-REENTRANT (or HENT-MODE) file (see next section).
- 2) Delete the files NOTIS-RG0-<lang>-B:PROG and NOTIS-RG1-<lang>-B:PROG
- 3) Delete the files NOTIS-RP0-<lang>-B:PROG and NOTIS-RP1-<lang>-B:PROG
- 4) Delete the file DUMP-RG-<lang>-B-100:MODE
- 5) Log in as user SYSTEM
- 6) Give the following SINTRAN COMMANDS to delete NOTIS-RG and NOTIS-RP as reentrant subsystem  

```
@DELETE-REENTRANT NOTIS-RG=<lang>-B
@DELETE-REENTRANT NOTIS-RP=<lang>-B
```
- 7) To clear the sub-segments used by RG/RP, give the following RT-LOADER commands :

```
@RT-LOADER
CLEAR-SEGMENT RG<lang>G1B
CLEARING "REENTRANT-SUBSYSTEM" SEGMENT? Y
DELETE-SEG-NAME RG<lang>G1B
```

```
CLEAR-SEGMENT RP<lang>G1B
CLEARING "REENTRANT-SUBSYSTEM" SEGMENT? Y
DELETE-SEG-NAME RP<lang>G1B
```

```
EXIT
```

END OF (NOTIS)RG-100-DUMP-C:MODE

