Product	Name	Reg. no.	Category
	NORTEXT-100 LINOTRON Output Module (German)	210822L	STNC

Reason

. New product
x Change/Addition
. Other:
x Error Correction
x Different Environment

Documentation

Title	Reg. no.
NORTEXT-100 Typesetter Modules	61.032.1 EN

Purpose

Control the typesetter LINOTRON (German version).

Prerequisites

Computer	Type	Floating format	Op. system	Version
ND-100 or ND-500	CX		SIN III VSX	>=J

ND-no.	Product name
210800L	NORTEXT-100 Editor (for TS)
210802K	NORTEXT-100 Basic RT (for RT)
271/272	IF
325355	Cable
945	MISIL-8 Adapter

Minimum mass storage resources for installation

User	Userspace	Number of files
SYSTEM	10 pages on 1	files

Minimum mass storage resources permanent

User	Userspace	Number of files
RELEASE-NTX	250 pages on 3	files (ND-100)
RELEASE-NTX	250 pages on 4	files (ND-500)
WORKFILES-NTX	40 pages on 1	files
USERFILES-NTX	109 pages on 1	files
REALTIME-NTX	110 pages on 4	files
PARAMETERS-NTX	3 pages on 1	files

Max/Min number of RT-descriptions: (n) Max 99 Min 1
Max/Min number of segments: Max 198 Min 2
Space requirements on segment file(s) is 15+32*n pages

Reg. no. for Source
250041L

Directory Name: 210822L-XX-01D User Name: FLOPPY-USER

File Name	Type	Containing
INSTALL-TL202	XCOM	Installation commands
FO-INSTALL	XCOM	Installation commands

Directory Name: 210822L-XX-01D User Name: RELEASE-NTX

File Name	Type	Containing
TL202-FO-	PROG	Program
TL202-FO-	ENTR	Data references
TOFOTO-TL202	PROG	Program

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Product	Name	Reg. no.	Category
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Directory Name: 210822L-XX-01D User Name: REALTIME-NTX

File Name	Type	Containing
TL202-FO-	SEGP	RT-program
TL202-FO-	SEGD	RT-program data part
TL202-FO-	ENTR	RT-program addresses
BUILD-FO-	XCOM	Installation commands

Directory Name: 210822L-XX-01D User Name: PARAMETERS-NTX

File Name	Type	Containing
FOT001-PARAM-	NTXP	Parameters

Directory Name: 210822L-XX-01D User Name: USERFILES-NTX

File Name	Type	Containing
TL202-100	DATA	Photosetter data

Directory Name: 210822L-XX-01D User Name: WORKFILES-NTX

File Name	Type	Containing
TL202-100-	FORM	FOCUS forms

Directory Name: 210822L-XX-02D User Name: FLOPPY-USER

File Name	Type	Containing
INSTALL-500-FO	XCOM	Install.commands ND-500
DESCRIPTION-FILE	DESC	Description file
SCRATCH-FILE	LINK	Dummy file
SCRATCH-FILE	DSEG	Dummy file
SCRATCH-FILE	PSEG	Dummy file
TL202-FO-	LINK	Link file
TL202-FO-	DSEG	Data segment
TL202-FO-	PSEG	Program segment

ERRORS CORRECTED:

All known errors corrected.

NEW FEATURES:

- Output to spooling devices may now be defined for typesetter output modules. Details in the parameter file.

- The time sharing version of the output module may now be installed on an ND-100 or ND-500.

- A new parameter (COLSPACE) in the parameter file specifies the minimum space between articles when optimized output is produced. (The parameter COLWIDTH specifies the distance from the start of one column to the start of the next.)

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- The control block:
  The new fields "Extra Leading" must be initialized. Set them to -1 if you have no other well-founded ideas.

- Photosetter info table, page 6:
  Control old and update new information.

- Updated with all new features in the justification module. See NORTEXT Release Information, L-version.

INSTALLATION PROCEDURE:

NOTE:

This installation procedure requires BACKUP-SYSTEM version F or later.

1) If you want to preserve any :PROG, :SEGP or :SEGD files from your "old system" do make backup copies now. If your "old system" was the NORTEXT J-version the "old files" are of type :BPUN. Please remember to delete these files before continuing the installation procedure. Log in as user REALTIME-NTX and type:
   @DELETE-USERS-FILES --FO: YES↵

2) Log in as user SYSTEM.

3) Put the installation floppy in the floppy drive and enter it with:
   @ENTER-DIRECTORY,,FLOPPY-DISC-<drive-no.>,<floppy-unit>↵

4) Start the installation by typing:
   @X (210822:FLOPPY-USER)INSTALL↵
   This XCOM file will copy all files from the floppy to the actual users on disk. Note: All the old :PROG, SEGP and :SEGD files will be deleted before copying takes place.
   If this product has been installed earlier and the :FORM file is found in your system, you will be asked if you want the new form file installed (and the old one deleted). The only reason to prevent the new form file being installed should be if you already have translated the texts in the formfile. The form file in this release are with English texts only.
   The same procedure will be used for the TABFIL (the data file for the fotosetter), and for the parameterfile. These files are custom dependent and should not be replaced by the new ones unless the datastructure has been changed.

5) This installation job will start the customizing procedure, i.e. (REALTIME-NTX)CUSTOMIZ-NTX:XCOM will be started. You will then have to answer the questions concerning the fotosetter. The customizing procedure results in a NORTEXT system definition file called DEFINE-NORTEXT:XCOM

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6) Make a hardcopy of the definition file: DEFINE-NORTEXT:XCOM. This will give you information of what your system contains, and may be helpful later.
@COPY-FILE LINE-PRINTER (REALTIME-NTX)DEFINE-NORTEXT:XCOM↵

7) When the installation job is finished the directory will be released and the floppy may then be removed.

8) Log out and log in as user PARAMETERS-NTX.
The fotosetter programs (lines) in NORTEXT need parameter files. The parameter files contain device numbers, conversion table numbers, constants and strings necessary for the individual RT-programs. The naming convension for these files is:
FOTOnn-PARAM:NTXP
nn = 01, 02, 03 and so on.

Multiple parameter files for the same type of lines may be created with the CREATE-PARAM:XCOM
@X CREATE-PARAM↵

Carefully inspect and edit each and every file under this user to make sure that all parameters have the right value. NOTE: The typesetter parameter files are in 16-bits format, and must be edited by use of the NORTEXT editor.

9) Log out and in as user SYSTEM.
You are now ready to build the real-time part of NORTEXT. The real-time part of NORTEXT will be built according to the answers you gave during the customize dialog. Each subsystem is built by its own BUILD-file called BUILD-XX:XCOM. You may build individual subsystems if necessary without changing the rest of the system. First you must make sure that the corresponding RT-programs (lines) in question are not running.

10) Build the photo-typesetter output lines by typing:

@X BUILD-FO↵

Photo typesetter output modules will be built as specified in DEFINE-NORTEXT:XCOM.

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QUESTIONNAIRE

********** HELP YOURSELF BY HELPING US!! **********

Did you have any problems understanding these PD-sheets ?

Have you found any errors ?

Do you miss any information ?

Please let us know !

Make your comments on this page and mail it to:

ND Comtec R&D
Postbox 78
N-7001 Trondheim
NORWAY

Your Comments:

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ND SOFTWARE LIBRARY DISKETTE

Containing :
NORTEXT-100
LINOTRON Output Module (German)

Directory Name :
210822L05-XX-01D

User Name : **FLOPPY-USER**

No	File name	Type	T	Public	Friend	Own	Pages	Bytes
0	INSTALL-TL202	XCOM	I	R	RWA	RWACD	2	967
1	FO-INSTALL-L02	XCOM	I	R	RWA	RWACD	6	9610
2	files using 8 pages.			9 pages reserved out of 610 pages.				

User Name : **RELEASE-NTX**

No	File name	Type	T	Public	Friend	Own	Pages	Bytes
0	TL202-FO-L21	PROG	I	R	RWACD	RWACD	174	395264
1	TL202-FO-L21	ENTR	I	R	RWACD	RWACD	9	14450
2	TOFOTO-TL202	PROG	I	R	R	RWACD	12	266240
3	files using 195 pages.			196 pages reserved out of 610 pages.				

User Name : **REALTIME-NTX**

No	File name	Type	T	Public	Friend	Own	Pages	Bytes
0	BUILD-FO-L04	XCOM	I	RWACD	RWACD	RWACD	4	4870
1	TL202-FO-L21	SEGP	I	RWACD	RWACD	RWACD	62	124928
2	TL202-FO-L21	SEGD	I	RWACD	RWACD	RWACD	34	66048
3	TL202-FO-L21	ENTR	I	RWACD	RWACD	RWACD	8	14042
4	files using 108 pages.			109 pages reserved out of 610 pages.				

CONTINUED

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ND SOFTWARE LIBRARY DISKETTE

Containing :
NORTEXT-100
LINOTRON Output Module (German)

Directory Name :
210822L05-XX-01D

User Name : **USERFILES-NTX**

No	File name	Type	T	Public	Friend	Own	Pages	Bytes
0	**TL202-100**	**DATA**	**C**	**RC**	**RWAC**	**RWACD**	**109**	**221696**
1	file using 109 pages.			110 pages reserved out of 610 pages.				

User Name : **WORKFILES-NTX**

No	File name	Type	T	Public	Friend	Own	Pages	Bytes
0	**TL202-100-L02**	**FORM**	**C**	**R**	**RWA**	**RWACD**	**40**	**81920**
1	file using 40 pages.			41 pages reserved out of 610 pages.				

User Name : **PARAMETERS-NTX**

No	File name	Type	T	Public	Friend	Own	Pages	Bytes
0	**FOTO01-PARAM-L06**	**NTXP**	**I**	**R**	**RWA**	**RWACD**	**4**	**2351**
1	file using 4 pages.			5 pages reserved out of 610 pages.				

Total:

12	files using 464 pages.			470 pages reserved out of 610 pages.				

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ND SOFTWARE LIBRARY DISKETTE

Containing :
NORTEXT-100
LINOTRON Output Module (German)

Directory Name :
210822L05-XX-02D

User Name : **FLOPPY-USER**

No	File name	Type	T	Public	Friend	Own	Pages	Bytes
0	INSTALL-500-FO	XCOM	I	R	RWA	RWACD	3	4060
1	DESCRIPTION-FILE	DESC	I	R	R	RWACD	9	22528
2	SCRATCH-SEG-01	LINK	I	RWACD	RWACD	RWACD	1	0
3	SCRATCH-SEG-01	DSEG	I	RWACD	RWACD	RWACD	2	1029
4	SCRATCH-SEG-01	PSEG	I	RWACD	RWACD	RWACD	2	5
5	TL202-FO-L21	LINK	I	RWACD	RWACD	RWACD	167	339777
6	TL202-FO-L21	DSEG	I	RWACD	RWACD	RWACD	142	287611
7	TL202-FO-L21	PSEG	I	RWACD	RWACD	RWACD	121	245658

8 files using 447 pages. 447 pages reserved out of 610 pages.

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