

ND SOFTWARE LIBRARY DISKETTE

PAGE 1

Containing : OPERATOR ENVIRONMENT

Directory Name : 211068A00-XX-01S

User Name : FLOPPY-USER

Nr	File name	Type T	File access:			Pages	Bytes	
			Public	Friend	Own			
0	OEV-VERIF-A00	PROG I	RWACD	RWACD	RWACD	117	249856	
1	TRUE-TRMH-OE-A00	PROG I	RWACD	RWACD	RWACD	7	264192	
2	DDBTABLES-E06	VTM I	R	RWACD	RWACD	16	29870	
3	files using 140 pages. 148 pages reserved out of 148 pages.							

ND SOFTWARE LIBRARY DISKETTE

Containing : OPERATOR ENVIRONMENT

Directory Name : 211068A00-XX-02S

User Name : FLOPPY-USER

Nr	File name	Type T	File access:			Pages	Bytes
			Public	Friend	Own		
0	OES-MAIN-A00	PROG I	RWACD	RWACD	RWACD	102	399360
1	OES-NEXT-A00	PROG I	RWACD	RWACD	RWACD	36	397312
2	files using 138 pages. 148 pages reserved out of 148 pages.						

ND SOFTWARE LIBRARY DISKETTE

Containing : OPERATOR ENVIRONMENT

Directory Name : 211068A00-XX-035

User Name : FLOPPY-USER

Nr	File name	Type T	File access:			Pages	Bytes
			Public	Friend	Own		
0	OEP-PERFO-A00	PROG I	RWACD	RWACD	RWACD	121	245760
1	OEP-PARAM-A00	DATA I	RWA	RWA	RWA	3	2335
2	OEP-STRUC-A00	DATA I	RWA	RWA	RWA	4	5466
<hr/>							
3	files using 128 pages.		148 pages reserved out of 148 pages.				

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ND SOFTWARE LIBRARY DISKETTE

Containing : OPERATOR ENVIRONMENT

Directory Name : 211068A00-XX-04S

User Name : FLOPPY-USER

Nr	File name	Type T	File access:			Pages	Bytes
			Public	Friend	Own		
0	OEA-AREAS-A00	PROG I	RWACD	RWACD	RWACD	125	256000
1	file using 125 pages. 148 pages reserved out of 148 pages.						

ND SOFTWARE LIBRARY DISKETTE

Containing : OPERATOR ENVIRONMENT

Directory Name : 211068A00-XX-05S

User Name : FLOPPY-USER

Nr	File name	Type T	File access:			Pages	Bytes
			Public	Friend	Own		
0	OEC-MAIN-A00	PROG I	RWACD	RWACD	RWACD	103	399360
1	OE-REGIST-A00	PROG I	RWACD	RWACD	RWACD	32	147456
2	files using 135 pages. 148 pages reserved out of 148 pages.						

ND SOFTWARE LIBRARY DISKETTE

Containing : OPERATOR ENVIRONMENT

Directory Name : 211068A00-XX-06S

User Name : FLOPPY-USER

Nr	File name	Type T	File access:			Pages	Bytes
			Public	Friend	Own		
0	OEC-EDIT-A00	PROG I	RWACD	RWACD	RWACD	53	409600
1	OEC-SERVER-A00	PROG I	RWACD	RWACD	RWACD	71	174080
2	OEC-DATA-A00	DATA I	R	RWAC	RWAC	8	215102
3	OEC-SYS-A00	DATA I	R	RWAC	RWAC	4	207620
<hr/>							
4	files using 136 pages.		148 pages reserved out of 148 pages.				

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ND SOFTWARE LIBRARY DISKETTE

Containing :
OPERATOR ENVIRONMENT

Directory Name :
211068A00-XX-07S

User Name : FLOPPY-USER

No	File name	Type T	Public	Friend	Own	Pages	Bytes
0	DEF-FUNCT-A00	PROG I	RWACD	RWACD	RWACD	77	161792
1	DEC-LIB-1B-A00	BRF I	RWACD	RWACD	RWACD	6	9910
2	DEC-LIB-2B-A00	BRF I	RWACD	RWACD	RWACD	6	9819
3	files using 89 pages. 148 pages reserved out of 148 pages.						

ND SOFTWARE LIBRARY DISKETTE

Containing : OPERATOR ENVIRONMENT

Directory Name : 211068A00-XX-08S

User Name : FLOPPY-USER

Nr	File name	Type T	File access:			Pages	Bytes
			Public	Friend	Own		
0	OEB-BCKUP-UT-ADD	PROG I	RWACD	RWACD	RWACD	110	399360
1	file using 110 pages. 148 pages reserved out of 148 pages.						

ND SOFTWARE LIBRARY DISKETTE

Containing : OPERATOR ENVIRONMENT

Directory Name : 211068A00-XX-09S

User Name : FLOPPY-USER

Nr	File name	Type T	File access:			Pages	Bytes
			Public	Friend	Own		
0	OEB-BCKUP-MT-ADD	PROG I	RWACD	RWACD	RWACD	113	399360
1	file using 113 pages. 148 pages reserved out of 148 pages.						

ND SOFTWARE LIBRARY DISKETTE

Containing : OPERATOR ENVIRONMENT

Directory Name : 211068A00-XX-01D

User Name : FLOPPY-USER

Nr	File name	Type T	File access:			Pages	Bytes
			Public	Friend	Own		
0	OE-REGIST-A00	PROG I	RWACD	RWACD	RWACD	32	147456
1	OEA-AREAS-A00	PROG I	RWACD	RWACD	RWACD	125	256000
2	OEB-BCKUP-MT-A00	PROG I	RWACD	RWACD	RWACD	113	399360
3	OEB-BCKUP-UT-A00	PROG I	RWACD	RWACD	RWACD	110	399360
4	OEC-EDIT-A00	PROG I	RWACD	RWACD	RWACD	53	409600
5	OEC-MAIN-A00	PROG I	RWACD	RWACD	RWACD	103	399360
6	OEC-SERVER-A00	PROG I	RWACD	RWACD	RWACD	71	174080
7	files using 607 pages. 610 pages reserved out of 610 pages.						

ND SOFTWARE LIBRARY DISKETTE

Containing : OPERATOR ENVIRONMENT

Directory Name : 211068A00-XX-02D

User Name : FLOPPY-USER

No	File name	Type T	Public	Friend	Own	Pages	Bytes
0	DEP-PERFO-A00	PROG I	RWACD	RWACD	RWACD	121	245760
1	DEP-PARAM-A00	DATA I	RWA	RWA	RWA	3	2335
2	DEP-STRUC-A00	DATA I	RWA	RWA	RWA	4	5466
3	OES-MAIN-A00	PROG I	RWACD	RWACD	RWACD	102	399360
4	OES-NEXT-A00	PROG I	RWACD	RWACD	RWACD	36	397312
5	DEV-VERIF-A00	PROG I	RWACD	RWACD	RWACD	117	249856
6	DEF-FUNCT-A00	PROG I	RWACD	RWACD	RWACD	77	161792
7	DEC-SYS-A00	DATA I	R	RWAC	RWAC	4	207620
8	DEC-DATA-A00	DATA I	R	RWAC	RWAC	8	215102
9	DEC-LIB-1B-A00	BRF I	RWACD	RWACD	RWACD	6	9910
10	DEC-LIB-2B-A00	BRF I	RWACD	RWACD	RWACD	6	9819
11	TRUE-TRMH-OE-A00	PROG I	RWACD	RWACD	RWACD	6	135168
12	DDBTABLES-E06	VTM I	R	RWACD	RWACD	16	29870

13 files using 506 pages. 610 pages reserved out of 610 pages.

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ND SOFTWARE LIBRARY DISKETTE

PAGE 1

Containing : OPERATOR ENVIRONMENT
(Norwegian version)

Directory Name : 211068A00-NO-01S

User Name : FLOPPY-USER

Nr	File name	Type T	File access:			Pages	Bytes
			Public	Friend	Own		
0	INSTAL-OE-A00	PROG I	RWACD	RWACD	RWACD	46	151138
1	INSTAL-OE-NO-A00	XCOM I	RW	RWACD	RWACD	51	102086
<hr/>							
2	files using 97 pages.						148 pages reserved out of 148 pages.

ND SOFTWARE LIBRARY DISKETTE

Containing : OPERATOR ENVIRONMENT
(Norwegian version)

Directory Name : 211068A00-NO-02S

User Name : FLOPPY-USER

Nr	File name	Type T	File access:			Pages	Bytes
			Public	Friend	Own		
0	OEA-AREAS-NO-A00	CONF I	RWACD	RWACD	RWACD	15	156264
1	OEC-CONFI-NO-A00	CONF I	RWACD	RWACD	RWACD	21	169358
2	OEF-FUNCT-NO-A00	CONF I	RWACD	RWACD	RWACD	7	140674
3	OEP-PERFO-NO-A00	CONF I	RWACD	RWACD	RWACD	21	168854
4	OES-STATU-NO-A00	CONF I	RWACD	RWACD	RWACD	21	168092
5	OEB-BCKUP-NO-A00	CONF I	RWACD	RWACD	RWACD	14	154224
6	OEV-VERIF-NO-A00	CONF I	RWACD	RWACD	RWACD	16	159642

7 files using 115 pages. 148 pages reserved out of 148 pages.

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ND SOFTWARE LIBRARY DISKETTE

Containing : OPERATOR ENVIRONMENT
(Norwegian version)

Directory Name : 211068A00-NO-03S

User Name : FLOPPY-USER

Nr	File name	Type T	File access:			Pages	Bytes
			Public	Friend	Own		
0	FILE-MAN-NO-C00	PROG I	RWACD	RWACD	RWACD	118	401408
1	FM-PATCH-NO	MODE I	RWACD	RWACD	RWACD	2	499
2 files using 120 pages.			148 pages reserved out of 148 pages.				

ND SOFTWARE LIBRARY DISKETTE

Containing : OPERATOR ENVIRONMENT
(Norwegian version)

Directory Name : 211068A00-NO-04S

User Name : FLOPPY-USER

Nr	File name	Type T	File access:			Pages	Bytes
			Public	Friend	Own		
0	FM-SIN-NO-C00	PROG I	RWACD	RWACD	RWACD	78	403456
1	FM-PICS-NO-C00	NDPF I	RWACD	RWACD	RWACD	64	129024
2	files using 142 pages.		148 pages reserved out of 148 pages.				

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ND SOFTWARE LIBRARY DISKETTE

PAGE 1

Containing : OPERATOR ENVIRONMENT
(Norwegian version)

Directory Name : 211068A00-NO-05S

User Name : FLOPPY-USER

Nr	File name	Type T	File access:			Pages	Bytes
			Public	Friend	Own		
0	OEB-CONF-NO-A00	SYMB I	R	RWACD	RWACD	7	9184
1	OEB-LOGBO-NO-A00	DATA I	RWACD	RWACD	RWACD	2	292
2	OEM-MENUE-NO-A00	CONF I	R	RWACD	RWACD	19	164318
3	OEM-MENUE-NO-A00	NDPF I	R	RWACD	RWACD	44	88064
4	files using 72 pages. 148 pages reserved out of 148 pages.						

ND SOFTWARE LIBRARY DISKETTE

Containing : OPERATOR ENVIRONMENT
(Norwegian version)

Directory Name : 211068A00-NO-06S

User Name : FLOPPY-USER

Nr	File name	Type	T	File access:			Pages	Bytes
				Public	Friend	Own		
0	UE-ERMSG-NO-C02	ERR	I	R	RWACD	RWACD	106	214784
1	file using 106 pages. 148 pages reserved out of 148 pages.							

NO SOFTWARE LIBRARY DISKETTE

Containing : OPERATOR ENVIRONMENT
(Norwegian version)

Directory Name : 211068A00-NO-01D

User Name : FLOPPY-USER

Nr	File name	Type	T	File access:			Pages	Bytes
				Public	Friend	Own		
0	INSTAL-OE-A00	PROG	I	RWACD	RWACD	RWACD	46	151138
1	INSTAL-OE-NO-A00	XCOM	I	RW	RWACD	RWACD	51	102086
2	OEA-AREAS-NO-A00	CONF	I	RWACD	RWACD	RWACD	15	156264
3	OEB-BCKUP-NO-A00	CONF	I	RWACD	RWACD	RWACD	14	154224
4	OEB-CONF-NO-A00	SYMB	I	R	RWACD	RWACD	7	9184
5	OEB-LOGBO-NO-A00	DATA	I	RWACD	RWACD	RWACD	2	292
6	OEC-CONFI-NO-A00	CONF	I	RWACD	RWACD	RWACD	21	169358
7	OEF-FUNCT-NO-A00	CONF	I	RWACD	RWACD	RWACD	7	140674
8	OEM-MENUE-NO-A00	CONF	I	R	RWACD	RWACD	19	164318
9	OEM-MENUE-NO-A00	NDPF	I	R	RWACD	RWACD	44	88064
10	OEP-PERFO-NO-A00	CONF	I	RWACD	RWACD	RWACD	21	168854
11	OES-STATU-NO-A00	CONF	I	RWACD	RWACD	RWACD	21	168092
12	OEV-VERIF-NO-A00	CONF	I	RWACD	RWACD	RWACD	16	159642
13	UE-ERMSG-NO-C02	ERR	I	R	RWACD	RWACD	106	214784

14 files using 390 pages. 610 pages reserved out of 610 pages.

NO SOFTWARE LIBRARY DISKETTE

Containing : OPERATOR ENVIRONMENT
(Norwegian version)

Directory Name : 211068A00-NO-02D

User Name : FLOPPY-USER

Nr	File name	Type T	File access:			Pages	Bytes
			Public	Friend	Own		
0	FILE-MAN-NO-C00	PROG I	RWACD	RWACD	RWACD	118	401408
1	FM-SIN-NO-C00	PROG I	RWACD	RWACD	RWACD	78	403456
2	FM-PICS-NO-C00	NDPF I	RWACD	RWACD	RWACD	64	129024
3	FM-PATCH-NO	MODE I	RWACD	RWACD	RWACD	2	499
4	files using 262 pages. 610 pages reserved out of 610 pages.						

ND SOFTWARE LIBRARY DISKETTE

Containing : OPERATOR ENVIRONMENT
(English version)

Directory Name : 211068A00-EN-01S

User Name : FLOPPY-USER

Nr	File name	Type T	File access:			Pages	Bytes
			Public	Friend	Own		
0	INSTAL-OE-A00	PROG I	RWACD	RWACD	RWACD	46	151138
1	INSTAL-OE-EN-A00	XCOM I	RW	RWACD	RWACD	51	102086
2 files using 97 pages. 148 pages reserved out of 148 pages.							

ND SOFTWARE LIBRARY DISKETTE

Containing : OPERATOR ENVIRONMENT
(English version)

Directory Name : 211068A00-EN-02S

User Name : FLOPPY-USER

Nr	File name	Type	T	File access:			Pages	Bytes
				Public	Friend	Own		
0	OEA-AREAS-EN-A00	CONF	I	RWACD	RWACD	RWACD	15	155828
1	OEC-CONFI-EN-A00	CONF	I	RWACD	RWACD	RWACD	21	169128
2	OEF-FUNCT-EN-A00	CONF	I	RWACD	RWACD	RWACD	7	140746
3	OEP-PERFO-EN-A00	CONF	I	RWACD	RWACD	RWACD	21	169530
4	OES-STATU-EN-A00	CONF	I	RWACD	RWACD	RWACD	20	167148
5	OEV-VERIF-EN-A00	CONF	I	RWACD	RWACD	RWACD	16	159242
6	OEB-BCKUP-EN-A00	CONF	I	RWACD	RWACD	RWACD	14	154228
7	files using 114 pages.			148 pages reserved out of 148 pages.				

ND SOFTWARE LIBRARY DISKETTE

Containing : OPERATOR ENVIRONMENT
(English version)

Directory Name : 211068A00-EN-03S

User Name : FLOPPY-USER

Nr	File name	Type T	File access:			Pages	Bytes
			Public	Friend	Own		
0	FILE-MAN-EN-C00	PROG I	RWACD	RWACD	RWACD	118	401408
1	FM-PATCH-EN	MODE I	RWACD	RWACD	RWACD	2	499
2	files using 120 pages. 148 pages reserved out of 148 pages.						

ND SOFTWARE LIBRARY DISKETTE

Containing : OPERATOR ENVIRONMENT
(English version)

Directory Name : 211068A00-EN-04S

User Name : FLOPPY-USER

Nr	File name	Type T	File access:			Pages	Bytes	
			Public	Friend	Own			
0	FM-SIN-EN-C00	PROG I	RWACD	RWACD	RWACD	78	403456	
1	FM-PICS-EN-C00	NDPF I	RWACD	RWACD	RWACD	63	126976	
2	files using 141 pages. 148 pages reserved out of 148 pages.							

ND SOFTWARE LIBRARY DISKETTE

Containing : OPERATOR ENVIRONMENT
(English version)

Directory Name : 211068A00-EN-05S

User Name : FLOPPY-USER

Nr	File name	Type	T	File access:			Pages	Bytes
				Public	Friend	Own		
0	OEB-CONF-EN-A00	SYMB	I	R	RWACD	RWACD	7	9075
1	OEB-LOGBO-EN-A00	DATA	I	RWACD	RWACD	RWACD	2	288
2	OEM-MENUE-EN-A00	CONF	I	R	RWACD	RWACD	19	163994
3	OEM-MENUE-EN-A00	NDPF	I	R	RWACD	RWACD	43	86016
4	files using 71 pages. 148 pages reserved out of 148 pages.							

ND SOFTWARE LIBRARY DISKETTE

Containing : OPERATOR ENVIRONMENT
(English version)

Directory Name : 211068A00-EN-06S

User Name : FLOPPY-USER

Nr	File name	Type	T	File access:			Pages	Bytes
				Public	Friend	Own		
0	UE-ERMSG-EN-C02	ERR	I	R	R	RWACD	103	208384

1 file using 103 pages. 148 pages reserved out of 148 pages.

ND SOFTWARE LIBRARY DISKETTE

Containing : OPERATOR ENVIRONMENT
(English version)

Directory Name : 211068A00-EN-01D

User Name : FLOPPY-USER

Nr	File name	Type	T	File access:			Pages	Bytes	
				Public	Friend	Own			
0	INSTAL-OE-A00	PROG	I	RWACD	RWACD	RWACD	46	151138	
1	INSTAL-OE-EN-A00	XCOM	I	RW	RWACD	RWACD	51	102086	
2	OEA-AREAS-EN-A00	CONF	I	RWACD	RWACD	RWACD	15	155828	
3	OEB-BCKUP-EN-A00	CONF	I	RWACD	RWACD	RWACD	14	154228	
4	OEB-CONF-EN-A00	SYMB	I	R	RWACD	RWACD	7	9075	
5	OEB-LOGBO-EN-A00	DATA	I	RWACD	RWACD	RWACD	2	288	
6	OEC-CONFI-EN-A00	CONF	I	RWACD	RWACD	RWACD	21	169128	
7	OEF-FUNCT-EN-A00	CONF	I	RWACD	RWACD	RWACD	7	140746	
8	OEM-MENUE-EN-A00	CONF	I	R	RWACD	RWACD	19	163994	
9	OEM-MENUE-EN-A00	NDPF	I	R	RWACD	RWACD	43	86016	
10	OEP-PERFO-EN-A00	CONF	I	RWACD	RWACD	RWACD	21	169530	
11	OES-STATU-EN-A00	CONF	I	RWACD	RWACD	RWACD	20	167148	
12	OEV-VERIF-EN-A00	CONF	I	RWACD	RWACD	RWACD	16	159242	
13	UE-ERMSG-EN-C02	ERR	I	R	R	RWACD	103	208384	
14	files using 385 pages. 610 pages reserved out of 610 pages.								

ND SOFTWARE LIBRARY DISKETTE

Containing : OPERATOR ENVIRONMENT
(English version)

Directory Name : 211068A00-EN-02D

User Name : FLOPPY-USER

Nr	File name	Type T	File access:			Pages	Bytes
			Public	Friend	Own		
0	FILE-MAN-EN-C00	PROG I	RWACD	RWACD	RWACD	118	401408
1	FM-SIN-EN-C00	PROG I	RWACD	RWACD	RWACD	78	403456
2	FM-PICS-EN-C00	NDPF I	RWACD	RWACD	RWACD	63	126976
3	FM-PATCH-EN	MODE I	RWACD	RWACD	RWACD	2	499
4 files using 261 pages.			610 pages reserved out of 610 pages.				

Product	Name OPERATOR ENVIRONMENT	Reg. no. 211068A	Category STDA
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Reason	X New product	Error Correction
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Documen- tation	Title	Reg. no.
	OPERATOR ENVIRONMENT User Guide	30.061.1.EN
	OPERATOR ENVIRONMENT Reference Card	99.040.1.EN

Purpose	New modules for computer operation, tied together with a menu system.
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Prerequi- sites	Computer	Type	Floating format	Op. system	Version
	100	All	All	SIN III	>= K
	Reg. no.	Product name			
	210518C	USER ENVIRONMENT			
	211056A	SPRINT			
	210534B	JEC, version >=B			
	Minimum mass storage resources for installation				
	User	Userspace	Number of files		
	ND-OPERATIONS	1757 pages on	32 files		
	SYSTEM	100 pages on	4 files		
	Minimum permanent mass storage resources				
	User	Userspace	Number of files		
	ND-OPERATIONS	1630 pages on	32 files		
	SYSTEM	50 pages on	2 files		

Modules	User space	Add. lang.	Number of file/segm	Segfile space	RT-descrip
Menu system	60	60	2	0	0
Status Program	150	20	4	2	212
User Area Manager	124	14	1	1	124
Configuration Dictionary	405	26	12	3	287
File System Verification	115	15	1	0	0
Performance Monitor	275	20	5	0	0
File Manager	262	263	3	2	200
Backup and Restore	235	14	4	0	0

	Reg. no. for Source 250212A
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Product	Name OPERATOR ENVIRONMENT	Reg. no. 211068A	Category STDA
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File Name	Type	Containing
OEA-AREAS-A<rev>	PROG	User Area Manager
OEB-BCKUP-UT-A<rev>	PROG	Backup / Restore
OEB-BCKUP-MT-A<rev>	PROG	Backup / Restore with TRUE
OEC-MAIN-A<rev>	PROG	Config. Dictionary main segment
OEC-EDIT-A<rev>	PROG	Config. Dictionary link segment
OEC-SERVER-A<rev>	PROG	Configuration Server
OE-REGIST-A<rev>	PROG	Config. Registration Program
OEF-FUNCT-A<rev>	PROG	Basic Functions
OEP-PERFO-A<rev>	PROG	Performance Monitor
OES-MAIN-A<rev>	PROG	Status Program main segment
OES-NEXT-A<rev>	PROG	Status Program link segment
OE-VERIF-A<rev>	PROG	File System Verification
FILE-MAN-<lang>-C<rev>	PROG	File Manager main segment
FM-SIN-<lang>-C<rev>	PROG	File Manager link segment
FM-PICS-<lang>-C<rev>	NDPF	File Manager picture file
TRUE-TRMH-OE-A<rev>	PROG	Termination Handler
OEP-PARAM-A<rev>	DATA	Performance Parameters
OEP-STRUC-A<rev>	DATA	Performance Structures
OEC-LIB-1B-A<rev>	BRF	Config.Dictionary Library 1-Bank
OEC-LIB-2B-A<rev>	BRF	Config.Dictionary Library 2-Ban
OEC-SYS-A<rev>	DATA	Configuration Dictionary databas
OEC-DATA-A<rev>	DATA	Configuration Dictionary databas
OEA-AREAS-<lang>-A<rev>	CONF	User Area Manager formsfile
OEB-BCKUP-<lang>-A<rev>	CONF	Backup and Restore formsfile
OEB-CONF-<lang>-A<rev>	SYMB	Backup Definition File
OEB-LOGBO-<lang>-A<rev>	DATA	Backup Log File,
OEC-CONFI-<lang>-A<rev>	CONF	Config. Dictionary formsfile
OEF-FUNCT-<lang>-A<rev>	CONF	Basic Functions form file
OEM-MENUE-<lang>-A<rev>	NDPF	Operator Environment menu system
OEM-MENUE-<lang>-A<rev>	CONF	Operator Environment menu system
OEP-PERFO-<lang>-A<rev>	CONF	Performance Monitor formsfile
OES-STATU-<lang>-A<rev>	CONF	Status program form file
OE-VERIF-<lang>-A<rev>	CONF	File System Verific. form file
INSTAL-OE-A<rev>	PROG	Installation program
INSTAL-OE-<lang>-A<rev>	XCOM	Installation command file
DDBTABLES-E<rev>	VTM	Terminal tables
UE-ERMSG-<lang>-C<rev>	ERR	Error messages

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

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

OPERATOR ENVIRONMENT is supplied on 4 double sided diskettes with directory names 211068A<rev>-XX-01D, 211068A<rev>-XX-02D, 211068A<rev>-<lang>-01D and 211068A<rev>-<lang>-02D, or 15 single sided diskettes with names 211068A<rev>-XX-01S to 211068A<rev>-XX-09S and 211068A<rev>-<lang>-01S to 211068A<rev>-<lang>-06S.

Date 87.04.29		Norsk Data A.S PROGRAM DESCRIPTION		Page 3 of 7	
Product	Name OPERATOR ENVIRONMENT	Reg. no. 211068A	Category STDA		

1 NOTICE

- OEA User Area Manager:
 - displays all user areas on any entered directory, if they are defined on main directory
- OEB Backup and Restore:
 - be sure to update the file (OEB-CONF-<lang>-A:SYMB) which contains the definitions for your backup operations (see OPERATOR ENVIRONMENT User Guide, page 130).
 - device backup requires no opened files
 - database backup can be performed in a controlled way by using TRUE (for database operations)
 - Be sure that all BACKUP-SYSTEM patches are performed, or install BACKUP-SYSTEM-H07.
- OEC Configuration Dictionary:
 - displays information about hardware and the operating system
 - checks correct time at startup
- OEM Menu System:
 - menus can be included in own menus
 - menus can be tailored to the local installation
 - connects new and existing programs together
- OEP Performance Monitor:
 - dependant on Monitor call 344 in SINTRAN K work mode 300 (NOT Patcfile 3000!)
- OES Status Functions:
 - Printer status requires that local or remote printers are defined in SPRINT. No status will be given to the SINTRAN Spooling Printers unless they are defined in SPRINT (and allow also SINTRAN Spooling Queue.)
 - Server status displays active servers from XMSG and available SIBAS servers
- OEV File System Verification:
 - Reserves the directory for special use: no files must be opened on directory
 - When checking main directory Report-to-Error-Device can not work, as the directory is reserved and not reporting to the terminal file. UE-ERMSG file cannot be opened when checking main directory.

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- FM File Manager:

- Now handles up to 4096 files on each user area.
- Remembers where you most recently used @ as parameter (requires log in through UE).
- New home command : C - Change User Area (requires log in through User Environment).
- Uses Notis-WP-N and the Sprint Spooling System.
- User SYSTEM and RT are no longer privileged users but have the same access permissions as other users.
- Improved online HELP facility.
- DS and ID functions:
 Calles from OPERATOR ENVIRONMENT to DS-SERVICE and ID-SERVICE are dependant of the following versions to work properly:
 NOTIS-ID B02 and NOTIS-DS D00 (release 2.nd half 1987).

NOTE: Use the patch file FM-PATCH-<lang>:MODE to limit access to the fields below own access in advanced mode. The patch file is found on the floppy 211068A-<lang>-02D (double density) and 211068A-<lang>-03S (single density). Install the patch by issuing the command:
 @MODE FM-PATCH-<lang>:MODE,,
 from user ND-OPERATIONS.
 Remember to check the output from the mode-job, and escape it if necessary. After the patch has been installed, you must reload File Manager.

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2 INSTALLATION PROCEDURE

The system may be delivered on:

- 1.2 Mbyte, 8 inch or 5 1/4 inch double-sided diskettes
or
- 0.3 Mbyte, 8 inch single-sided diskettes

You must use the same kind of diskettes throughout the installation procedure.

You may (1) install the OE Basic Modules with desired language or (2) add desired language to existing OE.

If you add desired language to OE, remember that you have to add up the required user space to user ND-OPERATIONS. Check with the column "Add.lang." under prerequisites on page 1.

The installation procedure is fully interactive, which means that once started, it will continuously check the operation. It will inform the operator if any error occurs and tell how to proceed. The operator is also asked some questions about the specific configuration. By typing "?" and "return", some additional information is provided.

You will be asked about which OE modules you want to install.

How to start the installation:

- Remember prerequisites, see page 1.
- The installation must be run from SINTRAN
- Log in with SINTRAN user name SYSTEM.
- Insert the diskette containing the directory name 211068A<rev>-<lang>-01 into the diskette station.
NOTE! <lang> means language suffix ('EN' or 'NO')
- Execute these commands (operator input is underlined and parameters are enclosed in angle brackets):

```

@ENTER-DIRECTORY,211068A-<lang>-01↵
DEVICE NAME: FLOPPY-DISC-<drive-no.>↵
DEVICE UNIT: <floppy-unit>↵
@(211068A:FLOPPY-USER)INSTAL-OE↵

```


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The installation procedure has now started. It is self explanatory.

- If you install at least one of the products
 - User Area Manager
 - Backup and Restore with TRUE
 - Configuration Dictionary
 - Status Program
 - File Manager
 you must remember to update your HENT-MODE file under user SYSTEM with:

```
@MODE (ND-OPERATIONS)OE-LOAD:MODE,,
```

- If the Configuration Dictionary is installed, insert the LOAD-MODE file under user SYSTEM behind the point where you start User Environment :

```
@(ND-OPERATIONS)OE-FUNC start-server
```

This command checks that current time is later than stop time, - if not, it sets completion code to 34747B and LOAD-MODE must take appropriate actions to handle it.

- If the Configuration Dictionary is installed, insert the STOP-MODE file before the point where you stop User Environment:

```
@(ND-OPERATIONS)OE-FUNC stop-server
```

This command stores the stop time.

- For extended NOTIS support, NOTIS-DS-C and NOTIS-ID-B are required.
- Operator must have appropriate access to the NOTIS-DS archive MAILING-LIST/OUTTRAY/(SYSTEM)MAILBOX to be able to update the mailing list
- Anyone can use the OPERATOR ENVIRONMENT menu system by connecting the menu system to a User Profile in USER ENVIRONMENT (UE-PMAN). Example of a user profile for a user with maximum authorization:

```

User name      : JOHN BROWN
Password      :
Standard task  : UE-MENU
Language       : ENGLISH
User level     : ADVANCED
-----
User groups    : 0
Authorization  : SUPERVISOR   Sintran: YES   Letters: 0
Main user area : ND-OPERATIONS
Alternative areas: 1   Enter: SYSTEM with correct password
Menu system    : (ND-OPERATIONS)OEM-MENUE

```

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Main user area does not need to be ND-OPERATIONS.
 Any authorization codes for SINTRAN, other than SYSTEM as alternative area, will decrease the number of functions for a user of OPERATOR ENVIRONMENT.

The Operator Environment menus can be included in your own menu (f.ex. a standard UE-HIERAR menu).
 Your own operational tools can be put into a standard menu called: (ND-OPERATIONS)OWN-TASKS:NDPF
 (ND-OPERATIONS)OWN-TASKS:CONF
 and then be started from a standard OPERATOR ENVIRONMENT menu.

- Please use the SINTRAN command: DELETE-FILE INSTALL-OE:XCOM

3 CHANGES

- LOAD-MODE: Check for correct time at system startup: Transaction systems require that the time is correct at startup. Using JEC, several conditions can be checked. When stopping OE with @OE-FUNC STOP, the time will be logged in the database. The next time OE is started, it will check if startup time is more than 30 days later than stop-time. This check can be put into your LOAD-MODE file:

```

@JEC BEGIN
:
:
@(ND-OPERATIONS)OE-FUNC START-SERVER
@CC
@CC OEservers reports error on the clock if startup time
@CC time is not within the range of
@CC stoptime to stoptime+30 days
@CC
@JEC IF COMPLETION-CODE < 34747B GO TO 200 %no error
@JEC IF COMPLETION-CODE = 34747B GO TO 100 %clock error
@OPERATOR OEservers is not started, clock is not checked
@JEC 100
@OPERATOR Please update the clock.
@OPERATOR Then take @RESTART-USER on waiting terminal.
@WAIT-FOR-OPERATOR
@JEC 200
:
:
@JEC END

```