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Engineering Publications

Agfa Drystar 3000 – Extras

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Agfa Drystar 3000 – Extras

This publication contains information on the various configuration, site, and profile files used on the Agfa Drystar 3000 laser camera.

NOTE !

Open the bookmark section of this guide for a table of contents

Data files

```
drystar_3000_C:\> dir *.dat

  Directory=C:\   files=*.dat*   label=VOLUME_0
  Filename                 size       date        time    attributes
  ---------------------------------------------------------------------
  4402.DAT                  8577    6-AUG-1998  12:05:50   rwx
  4402H.DAT                 7379    3-SEP-1997  10:27:38   rwx
  5358.DAT                  1760    6-AUG-1998  12:05:54   rwx
  5358H.DAT                 1192   28-MAY-1997  14:41:44   rwx
  53613.DAT                 2120    6-AUG-1998  12:05:58   rwx
  53613H.DAT                1693    3-SEP-1997  10:27:48   rwx
  53614.DAT                 2286    6-AUG-1998  12:06:02   rwx
  53614H.DAT                1906    3-SEP-1997  10:27:58   rwx
  53615.DAT                  937    3-SEP-1997  10:28:02   rwx
  53615H.DAT                 935    3-SEP-1997  10:28:08   rwx
  AUTOLOCK.DAT              2368   10-MAY-1996  11:51:38   rwx
  IDENTITY.DAT             25511   20-AUG-2003  10:38:54   rwx
  INFO.DAT                   544   20-AUG-2003  10:38:48   rwx
  LOGIN.DAT                 1372   25-MAY-1999  16:39:44   rwx
  PDIR.DAT                 12859   20-AUG-2003  10:38:52   rwx

  Total of 15 files, 71439 bytes

drystar_3000_C:\>
```

Info File

```
drystar_3000_C:\> type info.dat

Versions  : Portex=1.10  Monitor=4.28
Build date: 25-JUN-1998 09:47
Board ID  : 1 - GEMINI
SCSI ID   : 7
CPU type  : 68040 - 25.03 Mhz
FPU type  : 0
MEMORY    : 32 Mbyte  (free zone starts at 00042d38)
Kernel total_worksize=461684
FileSystem total_worksize=98304, used_worksize=9032, errors=0
VME  ext A16D16 = ef000000     int A24D16 = 00100000
VME  ext A16D32 = ee000000     int A24D32 = 00100000
VME  ext A24D16 = ed000000     int A32D16 = 10000000
```

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```
VME  ext A24D32 = ec000000     int A32D16 = 10000000
NIP board is present

drystar_3000_C:\>
drystar_3000_C:\> dir *.dat

  Directory=C:\   files=*.dat*   label=VOLUME_0
  Filename                 size       date        time    attributes
  ---------------------------------------------------------------------
  4402.DAT                  8577    6-AUG-1998  12:05:50   rwx
  4402H.DAT                 7379    3-SEP-1997  10:27:38   rwx
  5358.DAT                  1760    6-AUG-1998  12:05:54   rwx
  5358H.DAT                 1192   28-MAY-1997  14:41:44   rwx
  53613.DAT                 2120    6-AUG-1998  12:05:58   rwx
  53613H.DAT                1693    3-SEP-1997  10:27:48   rwx
  53614.DAT                 2286    6-AUG-1998  12:06:02   rwx
  53614H.DAT                1906    3-SEP-1997  10:27:58   rwx
  53615.DAT                  937    3-SEP-1997  10:28:02   rwx
  53615H.DAT                 935    3-SEP-1997  10:28:08   rwx
  AUTOLOCK.DAT              2368   10-MAY-1996  11:51:38   rwx
  IDENTITY.DAT             25511   20-AUG-2003  10:38:54   rwx
  INFO.DAT                   544   20-AUG-2003  10:38:48   rwx
  LOGIN.DAT                 1372   25-MAY-1999  16:39:44   rwx
  PDIR.DAT                 12859   20-AUG-2003  10:38:52   rwx

  Total of 15 files, 71439 bytes

drystar_3000_C:\>
```

Login Data File

```
drystar_3000_C:\> type login.dat

01
Node_nam "Drystar 3000"
Node_typ "53614"
Serial_no ""
Install_nam ""
Site_nam ""
Site_addr_1 ""
Site_addr_2 ""
Help_phone_no "+49 89 6207 3427"
Modem_phone_no "+49 89 6207 7777"
Sw_version_m "MeGa3.32"
Sw_version_c "OEM37486"
Install_dat "05/12/1994"
Loc_lang "  English (EN_GB,01) "
Input_01_file "2078,50:53614"
Input_01_date ""
Input_01_vend "Agfa"
Input_01_type "OT Drystar 3000 Input defaults (VSI,BW,1.2)"
Input_01_rev "0"
Input_02_file "33,242:53614"
Input_02_date ""
Input_02_vend "Philips"
Input_02_type "MR Gyroscan T10-NT  (MFRI,RS422,AMDI-C,SCC)"
```

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```
Input_02_rev "0"
Input_03_file "2108,50:53614"
Input_03_date ""
Input_03_vend "General Electric"
Input_03_type "CT Sytec 2000i  (VSI,BW,1.2)"
Input_03_rev "0"
Input_04_file "2078,209:53614"
Input_04_date ""
Input_04_vend "Agfa"
Input_04_type "OT Drystar 3000 Input defaults (Local display,I/P 4)"
Input_04_rev "0"
Output_11_file "2079,210:53614"
Output_11_date ""
Output_11_vend "Agfa"
Output_11_type "OT Drystar 3000 Output defaults (Print engine (Bw on MT film))"
Output_11_rev "0"
Network_21_file "2080,17:53614"
Network_21_date ""
Network_21_vend "Agfa"
Network_21_type "OT Drystar 3000 Network defaults (ETH,APIP)"
Network_21_rev "0"
Network_22_file "0"
Network_22_date ""
Network_22_vend "AGFA"
Network_22_type "PMS : Print Management"
Network_22_rev "0"
drystar_3000_C:\>

drystar_3000_C:\>
```

Program Files

```
  ACQ.PRG                  95848   23-JUL-1997 14:30    3.3.61
  ADV.PRG                   7780   08-OCT-1997 15:13    3.2.10
  AIR.PRG                  13812   11-DEC-1996 11:28    3.0.24
  AIT.PRG                  12632   11-DEC-1996 11:27    3.0.24
  AMDREM.PRG                2848   11-DEC-1996 10:46    1.0.01
  AME.PRG                  38324   11-DEC-1997 14:58    1.2.93
  AMI.PRG                  63008   01-OCT-1997 12:06    3.0.54
  AML.PRG                  74060   25-APR-1997 09:45    3.0.73
  AMO.PRG                 129628   25-APR-1997 09:23    3.1.05
  AOS.PRG                  76804   14-JAN-1998 14:16    3.2.80
  APIP.PRG                 62868   01-APR-1998 15:27    0.00
  APPEND.PRG                2908   15-DEC-1997 09:09    2.02
  AUTOLOCK.PRG            125096   14-JUL-1997 10:05    1.0.01
  BACKUP.PRG                7936   15-DEC-1997 09:09    2.05
  BEEP.PRG                   772   03-JUN-1996 17:07    2.01
  BMD.PRG                  78304   03-DEC-1997 17:43    3.2.32
  BSP.PRG                 245452   25-JUN-1998 09:47    0.00
  BUILDCLG.PRG              8416   03-JUN-1996 17:08    2.01
  BUILDMSG.PRG              6640   03-JUN-1996 17:08    2.01
  CALC.PRG                  3232   03-JUN-1996 17:08    2.01
  CAN.PRG                  93564   14-APR-1999 08:51    1.8.13
  CANTST.PRG               84156   14-APR-1999 08:54    1.1.41
  CFF.PRG                  15906   01-APR-1998 15:28    0.00
  CHECK.PRG                 5068   25-JUN-1996 09:03    2.01
```

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CHECKFIL.PRG	11144	18-MAR-1998 11:08	2.08
CHMOD.PRG	1852	03-JUN-1996 17:08	2.01
CLIENT.PRG	11336	03-JUN-1996 18:13	2.01
CMN.PRG	9292	25-APR-1997 09:21	3.0.45
COM.PRG	23784	03-JUN-1996 17:10	2.02
CONNECT.PRG	5188	03-JUN-1996 17:10	2.01
COPY.PRG	9888	09-JUL-1996 17:12	2.05
COS.PRG	86260	14-APR-1999 08:56	1.2.62
CPD.PRG	88632	06-FEB-1998 18:14	3.5.22
CPDMON.PRG	3324	25-APR-1997 09:44	3.5.21
CPDREM.PRG	30900	25-APR-1997 09:44	3.5.21
CPE.PRG	22716	25-APR-1997 09:25	3.0.63
CPU.PRG	6460	03-JUN-1996 17:10	2.02
CRUNCH.PRG	7044	11-DEC-1996 10:42	1.0.01
CRX.PRG	176364	15-SEP-1998 09:47	3.2.42
DATE.PRG	2920	03-JUN-1996 17:11	2.01
DCMCONV.PRG	75980	15-SEP-1998 10:13	1.0.38
DCMPING.PRG	139380	15-SEP-1998 10:12	1.0.37
DDI.PRG	6444	08-OCT-1997 15:14	3.2.10
DECRUNCH.PRG	3696	11-DEC-1996 10:43	1.0.01
DEL.PRG	6124	14-JUN-1996 11:45	2.04
DFIDEFXX.PRG	42060	11-DEC-1996 14:37	1.0.01
DFIDUMXX.PRG	13700	03-OCT-1996 15:27	1.0.01
DFIRDSXX.PRG	59912	11-DEC-1996 14:38	1.0.01
DIFF.PRG	6136	03-JUN-1996 17:11	2.01
DIR.PRG	11532	07-MAR-1997 14:22	2.04
DIR2.PRG	9936	01-MAR-1996 17:31	2.01
DIS.PRG	16636	11-DEC-1996 11:20	3.0.42
DISKCOMP.PRG	7596	03-JUN-1996 17:12	2.01
DISKCOPY.PRG	7504	03-JUN-1996 17:20	2.01
DISKINFO.PRG	22132	01-APR-1997 10:40	2.03
DISKLOOK.PRG	9932	03-JUN-1996 17:24	2.01
DISKMAKE.PRG	33748	12-JUN-1997 11:18	2.11
DISKMODE.PRG	18392	03-JUN-1996 17:24	2.02
DISKPATC.PRG	6624	12-JAN-1996 12:02	2.1.02
DISKUTIL.PRG	15388	01-APR-1997 10:42	2.01
DR3.PRG	412428	13-APR-1999 10:23	2.1.84
DSP.PRG	86548	01-APR-1998 15:26	0.00
DUMP.PRG	16268	01-APR-1997 10:40	2.02
EDT.PRG	30120	03-JUN-1996 17:35	2.03
EPROM.PRG	30792	06-JUL-1998 15:46	2.13
ERRMERGE.PRG	3200	15-MAY-1997 15:23	1.28
ERROR.PRG	3456	03-JUN-1996 17:45	2.01
ETH.PRG	69900	29-APR-1997 10:47	3.2.19
ETHERNET.PRG	456	14-MAY-1997 12:33	0.00
ETS.PRG	10992	08-OCT-1997 15:09	3.2.10
FILECONV.PRG	12100	03-JUN-1996 17:46	2.01
FILEINFO.PRG	8816	01-APR-1997 10:42	2.01
FIND.PRG	8364	03-JUN-1996 17:46	2.02
FIXFLOP.PRG	3208	03-JUN-1996 17:46	1.00
FOI.PRG	20792	11-DEC-1996 11:21	3.0.27
FORMAT.PRG	24808	07-MAY-1997 16:51	2.14
FPU.PRG	1780	03-JUN-1996 17:48	0.00
FPU040.PRG	61944	26-JUL-1996 11:48	0.00
FPU881.PRG	6412	26-JUL-1996 11:49	0.00
FPUSOFT.PRG	20584	03-JUN-1996 17:49	0.00

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FREE.PRG	4368	01-APR-1997 10:40	2.01
FTP.PRG	21188	08-OCT-1997 15:11	3.2.30
FTS.PRG	25524	08-OCT-1997 15:09	3.2.29
GETCLG.PRG	4532	03-JUN-1996 17:49	2.01
HUB.PRG	17024	11-DEC-1996 11:28	1.3.66
HUBREM.PRG	2764	11-DEC-1996 11:28	1.3.66
ICD.PRG	71864	09-MAR-1998 13:45	1.0.03
ICI.PRG	22880	25-APR-1997 09:42	3.0.57
ICMREM.PRG	3660	02-OCT-1996 15:40	1.0.01
ICR.PRG	28204	04-JUL-1997 15:59	1.0.01
IFCONFIG.PRG	19168	29-AUG-1997 12:38	1.0.01
INFCOUNT.PRG	39536	16-JUL-1998 16:14	0.00
KLD.PRG	30528	16-SEP-1997 14:14	3.0.53
LABEL.PRG	3932	03-JUN-1996 17:50	2.01
LC2.PRG	142788	29-APR-1997 17:26	3.7.03
LCD.PRG	127452	15-SEP-1997 09:24	3.7.10
LCDEMU.PRG	21632	14-APR-1999 08:52	1.0.03
LLR.PRG	22512	11-DEC-1996 11:26	3.0.61
LPQ.PRG	27184	03-DEC-1997 11:46	3.2.41
M6U.PRG	17972	03-FEB-1997 16:26	1.0.18
MAKEPART.PRG	4248	07-MAY-1997 18:23	1.00
MFR.PRG	25576	25-SEP-1997 17:36	3.0.38
MFS.PRG	19128	23-DEC-1996 15:16	3.2.15
MFX.PRG	42924	26-NOV-1997 17:03	3.2.13
MFXMON.PRG	2456	10-FEB-1997 15:26	3.2.13
MKDIR.PRG	3864	03-JUN-1996 17:50	2.01
MMM.PRG	77572	21-FEB-1997 10:13	0.00
MMMREM.PRG	3640	21-FEB-1997 10:15	0.00
MMSMON.PRG	6492	08-OCT-1997 11:38	1.0.01
MMSREM.PRG	5540	08-OCT-1997 11:40	1.0.02
MMUPROT.PRG	12012	22-OCT-1996 10:59	2.02
MNU.PRG	41632	12-FEB-1997 16:52	3.0.67
NET.PRG	93928	23-JUL-1998 14:32	1.0.10
NETMON.PRG	6948	08-OCT-1997 15:07	1.0.07
NETREM.PRG	10864	08-OCT-1997 15:08	1.0.08
NETSONIC.PRG	20776	03-NOV-1997 10:54	0.00
NEWVBR.PRG	1364	03-JUN-1996 17:53	0.00
NFS.PRG	22548	08-OCT-1997 15:15	3.2.07
NIP.PRG	118376	01-APR-1998 16:02	3.4.17
NIPREM.PRG	3060	01-APR-1998 16:03	3.4.19
NIPTST.PRG	91472	01-APR-1998 16:03	3.4.18
NOW.PRG	4536	03-JUN-1996 17:53	2.01
NVE.PRG	11412	23-DEC-1996 15:15	3.2.15
ODC.PRG	30232	13-MAR-1997 16:55	1.2.01
ODCMNT.PRG	4988	13-MAR-1997 16:54	1.2.01
PAF.PRG	6172	11-DEC-1996 10:57	3.2.32
PAGE.PRG	308	03-JUN-1996 17:53	2.01
PING.PRG	6776	08-OCT-1997 15:11	3.2.27
PMS.PRG	233056	14-SEP-1998 17:10	3.3.30
PMSCLNT.PRG	163448	14-SEP-1998 17:12	3.3.41
PNET.PRG	89720	29-MAR-1996 13:34	2.06
POWDOWN.PRG	5132	03-JUN-1996 17:54	2.02
PPV.PRG	21624	08-SEP-1997 16:16	1.0.33
PRINT.PRG	2820	03-JUN-1996 17:54	2.01
PROFILE.PRG	11784	03-JUN-1996 17:56	2.03
PROFREM.PRG	1668	11-DEC-1996 10:42	1.1.30

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PRTTP.PRG	656	23-DEC-1996 15:21	3.0.48
PSERVER.PRG	14116	17-FEB-1997 17:58	2.02
PSO.PRG	233412	15-SEP-1998 09:48	3.2.09
PTP.PRG	13708	23-DEC-1996 15:21	3.0.48
PUBLISH.PRG	16048	08-OCT-1997 15:15	1.0.01
QCF.PRG	9380	25-APR-1997 09:26	1.0.37
QMAKEMSG.PRG	13364	03-JUN-1996 18:36	1.07
REM.PRG	25196	11-DEC-1996 10:42	1.1.30
RENAME.PRG	3720	03-JUN-1996 17:59	2.01
REPAIR.PRG	25824	18-MAR-1998 10:22	2.11
RIMDRV.PRG	4368	13-MAR-1997 16:56	1.0.01
RMDIR.PRG	4336	03-JUN-1996 18:00	2.01
RXT.PRG	18856	29-MAY-1997 14:39	3.0.31
SEARCH.PRG	5444	03-NOV-1997 17:25	2.04
SET.PRG	7492	03-JUN-1996 18:00	2.03
SHERR.PRG	2032	13-NOV-1997 14:03	1.0.21
SHL.PRG	9272	11-DEC-1996 10:48	1.0.39
SHOWDATA.PRG	17560	03-JUN-1996 18:04	2.04
SMAREM.PRG	2924	11-DEC-1996 10:35	1.0.01
SPC.PRG	69276	13-FEB-1997 11:31	2.2.01
SPCREM.PRG	4116	28-MAY-1996 14:03	0.00
SPLIT.PRG	4780	03-JUN-1996 18:05	2.02
SPR.PRG	57352	02-APR-1998 09:19	3.1.94
STAMP.PRG	6444	03-JUN-1996 18:06	2.03
STB.PRG	61468	25-APR-1997 09:24	3.1.04
SYS.PRG	55916	22-MAY-1997 16:23	3.2.25
T14.PRG	411496	13-APR-1999 10:14	2.0.13
T3I.PRG	31592	25-AUG-1998 14:10	1.1.67
T3M.PRG	13876	11-DEC-1996 11:27	3.0.24
TASKINFO.PRG	9644	03-JUN-1996 18:06	2.01
TCPIP.PRG	73912	03-NOV-1997 11:07	2.06
tcpip_060697.prg	86236	06-JUN-1997 11:56	2.06
TCT.PRG	34616	29-SEP-1997 17:38	1.0.19
TEL.PRG	14844	07-MAY-1998 12:52	3.2.20
TELNET.PRG	15556	08-OCT-1997 15:12	3.2.14
TESTMATH.PRG	18836	03-JUN-1996 18:12	2.01
TESTMEM.PRG	5924	03-JUN-1996 18:12	2.01
TIF.PRG	41432	20-MAR-1997 17:22	3.1.65
TIO.PRG	84244	02-MAY-1997 16:48	3.0.82
TLK.PRG	11080	11-DEC-1996 10:48	1.0.85
TOOLBOX.PRG	10000	19-APR-1996 12:10	1.05
TOUCH.PRG	1484	03-JUN-1996 18:13	2.01
TPA.PRG	12348	11-DEC-1996 11:20	3.0.26
TPG.PRG	15700	11-DEC-1996 11:21	3.0.46
TRAPVRTX.PRG	6616	26-JUN-1996 12:05	1.00
TREE.PRG	5956	21-JUN-1996 15:26	2.04
TSH.PRG	81068	27-AUG-1998 15:54	1.0.90
TSS.PRG	27228	24-AUG-1998 11:15	1.0.60
TXT.PRG	17483	01-APR-1998 15:29	0.00
TYPE.PRG	4244	03-JUN-1996 18:14	2.01
ULD.PRG	103952	15-APR-1998 16:10	3.4.87
ULPREM.PRG	29828	14-SEP-1998 17:07	3.2.22
UNZIP.PRG	75052	03-JUN-1996 18:21	0.00
UNZIPSFX.PRG	35260	03-JUN-1996 18:23	0.00
VFY.PRG	13580	17-OCT-1997 09:50	3.0.42
VIC.PRG	15344	19-SEP-1997 08:55	2.01

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```
  VIDADJ.PRG                21812   11-DEC-1996 10:47    1.0.01
  VSI.PRG                   25856   11-DEC-1996 11:23    3.0.83
  XT.PRG                    26668   03-JUN-1996 18:14    1.44
  YMS.PRG                   24924   01-MAY-1998 15:03    1.0.07
  YMSREM.PRG                 4160   24-MAY-1996 10:03    0.00
  ZIP.PRG                   52212   24-APR-1997 10:32    0.00
drystar_3000_C:\>
```

AUTOEXEC.BAT File

```
drystar_3000_C:\> type autoexec.bat

ON_ERROR CONTINUE
util 400000 /nolog
repair c: /all /do /nodelete
copy c:\di3\copy\*.* c:\ /nolog
project MG_COLOR > nul
direcove.com > nul
a:\setup.bat
; set manufacturing configuration defaults (*.A00, *.A01)
c:\DI3\TOOLS\CONFIG > nul
copy *.ntx&&!messages.ntx messages.ntx > nul
powdown -do
crunch d:\aos.log+identity.dat+repair.log d:\.ses > nul
show info > info.dat
pdir *.prg+*.rem > pdir.dat
copy login.dat+info.dat+li*.bat+pdir.dat+d:\*.u* identity.dat > nul
touch identity.dat > nul
flush /nolog
protect c: /nolog
log -freeze
selfreset /nolog
spawn sys /nolog

drystar_3000_C:\>
```

```
Login:
Password:

Login:
```

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```
mega
Password:


        ************************************************************
        * Welcome to MG3000 Telnet Server!                         *
        *                                                          *
        * Be careful in what you are doing!                        *
        * This is a medical device, capturing images from patients, *
        * who's condition might be critical!                       *
        ************************************************************


drystar_3000_C:\>


drystar_3000_C:\> dir
```

Local Drive C Files

```
  Directory=C:\   files=*   label=VOLUME_0
  Filename                 size       date        time    attributes
  ---------------------------------------------------------------------
  4402.DAT                  8577    6-AUG-1998  12:05:50   rwx
  4402H.DAT                 7379    3-SEP-1997  10:27:38   rwx
  5358.DAT                  1760    6-AUG-1998  12:05:54   rwx
  5358H.DAT                 1192   28-MAY-1997  14:41:44   rwx
  53613.DAT                 2120    6-AUG-1998  12:05:58   rwx
  53613H.DAT                1693    3-SEP-1997  10:27:48   rwx
  53614.DAT                 2286    6-AUG-1998  12:06:02   rwx
  53614H.DAT                1906    3-SEP-1997  10:27:58   rwx
  53615.DAT                  937    3-SEP-1997  10:28:02   rwx
  53615H.DAT                 935    3-SEP-1997  10:28:08   rwx
  ACQ.PRG                  95848   23-JUL-1997  14:30:14   rwx
  ACQSTD.NTX                  43   26-SEP-1994  14:21:52   rwx
  ACQXXX01.A00                32   25-NOV-1996  16:11:28   rwx
  ACQXXX01.C00               159   25-MAY-1999  15:43:00   rwx
  ACQXXX02.A00                32   25-NOV-1996  16:11:36   rwx
  ACQXXX02.C00                82   20-APR-1999  18:06:56   rwx
  ACQXXX03.A00                34   25-NOV-1996  16:11:44   rwx
  ACQXXX03.C00               174   25-MAY-1999  16:39:44   rwx
  ACQXXX04.A00               121   10-NOV-1996  16:15:58   rwx
  ADV.PRG                   7780    8-OKT-1997  15:13:44   rwx
  AIR.PRG                  13812   11-DEC-1996  11:28:06   rwx
  AIT.PRG                  12632   11-DEC-1996  11:27:32   rwx
  AMDREM.PRG                2848   11-DEC-1996  10:46:50   rwx
  AME.PRG                  38324   11-DEC-1997  14:58:22   rwx
  AMESTD.NTX                 888   25-APR-1995  10:45:08   rwx
  AMESTD.VTF                 495   25-APR-1995  10:45:32   rwx
  AMI.PRG                  63008   27-OKT-1997  10:12:20   rwx
  AMIXXX02.C00                44   20-APR-1999  18:06:56   rwx
  AML.PRG                  74060   25-APR-1997   9:45:44   rwx
  AMLSTD.NTX                 889   12-DEC-1994  11:51:38   rwx
  AMLSTD.VTF                 528   12-DEC-1994  17:30:02   rwx
  AMO.PRG                 129628   25-APR-1997   9:23:36   rwx
  AOS.PRG                  76804   14-JAN-1998  14:16:56   rwx
```

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APIP.PRG	62868	1-APR-1998	15:27:56	rwx
APPEND.PRG	2908	15-DEC-1997	9:09:10	rwx
ARTXXX00.A00	137	26-AUG-1998	10:08:00	rwx
AUTOEXEC.BAT	590	13-NOV-1997	15:58:02	rwx
AUTOLOCK.DAT	2368	10-MAY-1996	11:51:38	rwx
AUTOLOCK.PRG	125096	14-JUL-1997	10:05:26	rwx
BACKUP.PRG	7936	15-DEC-1997	9:09:30	rwx
BEEP.PRG	772	3-JUN-1996	17:07:42	rwx
BMD.PRG	78304	3-DEC-1997	17:43:22	rwx
BMDSTD.VTF	52	9-APR-1993	15:05:56	rwx
BMDXXX31.A00	62	26-NOV-1996	9:07:24	rwx
BSP.PRG	245452	25-JUN-1998	9:47:16	rwx
BUILDCLG.PRG	8416	3-JUN-1996	17:08:06	rwx
BUILDMSG.PRG	6640	3-JUN-1996	17:08:20	rwx
CALC.PRG	3232	3-JUN-1996	17:08:36	rwx
CAN.BAT	44	2-SEP-1997	8:31:14	rwx
CAN.PRG	93564	14-APR-1999	8:51:36	rwx
CANTST.PRG	84156	14-APR-1999	8:54:48	rwx
CCLAIM.PDF	9054	4-MAR-1997	12:29:32	rwx
CFF.PRG	15906	1-APR-1998	15:28:52	rwx
CHECK.PRG	5068	25-JUN-1996	9:03:06	rwx
CHECKFIL.NEW	15733	27-JAN-1999	13:13:38	rwx
CHECKFIL.PRG	11144	18-MAR-1998	11:08:50	rwx
CHECKFIL.SUM	15512	16-SEP-1998	12:19:08	rwx
CHMOD.PRG	1852	3-JUN-1996	17:08:48	rwx
CLIENT.PRG	11336	3-JUN-1996	18:13:06	rwx
CMN.PRG	9292	25-APR-1997	9:21:12	rwx
CMNXXX11.C00	27	11-SEP-1998	10:10:00	rwx
CMNXXX21.C00	27	11-SEP-1998	10:10:00	rwx
CMNXXX22.C00	45	25-FEB-1999	10:49:06	rwx
COL11X14.CTL	2588	3-DEC-1997	17:29:20	rwx
COL14X14.CTL	2586	3-DEC-1997	17:33:10	rwx
COL14X17.CTL	2586	19-NOV-1997	13:39:56	rwx
COL8X10.CTL	2584	19-NOV-1997	13:40:58	rwx
COM.PRG	23784	3-JUN-1996	17:10:08	rwx
COM.TXT	8	18-FEB-1999	8:10:54	rwx
CONFIG.SYS	1479	10-MAY-1996	15:20:58	rwx
CONNECT.PRG	5188	3-JUN-1996	17:10:22	rwx
COPY.PRG	9888	9-JUL-1996	17:12:24	rwx
COS.PRG	86260	14-APR-1999	8:56:54	rwx
CPD.PRG	88632	6-FEB-1998	18:14:28	rwx
CPDMON.PRG	3324	25-APR-1997	9:44:38	rwx
CPDREM.PRG	30900	25-APR-1997	9:44:08	rwx
CPDXXX11.A00	18	14-APR-1999	10:01:02	rwx
CPDXXX11.C00	81	11-SEP-1998	10:10:00	rwx
CPE.PRG	22716	25-APR-1997	9:25:56	rwx
CPEXXX11.C00	49	11-SEP-1998	10:10:00	rwx
CPTEVL.FDL	1447	22-DEC-1993	13:42:42	rwx
CPTLR3.FDL	1531	22-DEC-1993	13:42:42	rwx
CPTNC.FDL	2273	22-DEC-1993	13:47:02	rwx
CPTNX.FDL	1536	22-DEC-1993	13:42:44	rwx
CPTXC.FDL	2031	22-DEC-1993	13:42:46	rwx
CPTXX.FDL	1453	22-DEC-1993	13:42:48	rwx
CPU.PRG	6460	3-JUN-1996	17:10:52	rwx
CRUNCH.PRG	7044	11-DEC-1996	10:42:58	rwx
CRX.PDF	53792	7-AUG-1997	12:33:10	rwx

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CRX.PRG	176364	15-SEP-1998	9:47:32	rwx	
CTL11X14.CTL	2592	25-NOV-1997	15:29:20	rwx	
CTL14X14.CTL	2590	25-NOV-1997	15:31:14	rwx	
CTL14X17.CTL	2590	19-NOV-1997	13:41:16	rwx	
CTL8X10.CTL	2588	19-NOV-1997	13:41:38	rwx	
DATE.PRG	2920	3-JUN-1996	17:11:06	rwx	
DCMCONV.PRG	75980	15-SEP-1998	10:13:50	rwx	
DCMPING.PRG	139380	15-SEP-1998	10:12:38	rwx	
DDI.PRG	6444	8-OKT-1997	15:14:28	rwx	
DECRUNCH.PRG	3696	11-DEC-1996	10:43:14	rwx	
DEFAULT.BAT	582	19-AUG-1997	8:27:14	rwx	
DEL.PRG	6124	14-JUN-1996	11:45:24	rwx	
DFIDEFXX.PRG	42060	11-DEC-1996	14:37:44	rwx	
DFIDUMXX.PRG	13700	3-OKT-1996	15:27:06	rwx	
DFIRDSXX.PRG	59912	11-DEC-1996	14:38:20	rwx	
DI2KUK.NTX	1237	2-JUL-1997	15:09:22	rwx	
DI3	4096	16-SEP-1998	13:31:52	rwx	directory
DI3KUK.NTX	1909	31-AUG-1998	14:17:16	rwx	
DIFF.PRG	6136	3-JUN-1996	17:11:30	rwx	
DIR.PRG	11532	7-MAR-1997	14:22:06	rwx	
DIR2.PRG	9936	1-MAR-1996	17:32:00	rwx	
DIRECOVE.COM	3109	20-APR-1998	21:07:50	rwx	
DIRESTOR.COM	3057	20-APR-1998	21:09:08	rwx	
DIS.PRG	16636	11-DEC-1996	11:20:24	rwx	
DISKCOMP.PRG	7596	3-JUN-1996	17:12:46	rwx	
DISKCOPY.PRG	7504	3-JUN-1996	17:20:34	rwx	
DISKINFO.PRG	22132	1-APR-1997	10:40:22	rwx	
DISKLOOK.PRG	9932	3-JUN-1996	17:24:24	rwx	
DISKMAKE.PRG	33748	12-JUN-1997	11:18:10	rwx	
DISKMODE.PRG	18392	3-JUN-1996	17:24:50	rwx	
DISKPATC.PRG	6624	12-JAN-1996	12:02:08	rwx	
DISKUTIL.PRG	15388	1-APR-1997	10:43:02	rwx	
DIUPLOAD.COM	847	16-JUN-1997	13:33:12	rwx	
DR3.PRG	412428	13-APR-1999	10:23:16	rwx	
DR3DEF.CTF	3231	31-AUG-1998	14:17:22	rwx	
DR3XXX11.ESX	2640	31-AUG-1998	14:17:20	rwx	
DRYSTAR.BAT	87	4-SEP-1997	8:37:46	rwx	
DSP.PRG	86548	1-APR-1998	15:26:56	rwx	
DUMP.PRG	16268	1-APR-1997	10:40:32	rwx	
E25.ADC	329	18-MAR-1996	10:55:40	rwx	
EDT.PRG	30120	3-JUN-1996	17:35:44	rwx	
ENGINE	4096	14-JUN-1999	18:44:44	rwx	directory
EPROM.PRG	30792	6-JUL-1998	15:46:58	rwx	
ERRDI.MSG	252416	26-OKT-1998	14:48:56	rwx	
ERRMERGE.PRG	3200	15-MAY-1997	15:19:10	rwx	
ERROR.MSG	2484736	14-JUN-1999	18:48:26	rwx	
ERROR.PRG	3456	3-JUN-1996	17:45:10	rwx	
ETH.PRG	69900	29-APR-1997	10:47:34	rwx	
ETHERNET.PRG	456	14-MAY-1997	12:33:50	rwx	
ETS.PRG	10992	8-OKT-1997	15:09:10	rwx	
FILECONV.PRG	12100	3-JUN-1996	17:46:16	rwx	
FILEINFO.PRG	8816	1-APR-1997	10:42:26	rwx	
FIND.PRG	8364	3-JUN-1996	17:46:30	rwx	
FIXFLOP.PRG	3208	3-JUN-1996	17:46:42	rwx	
FLLTSPV3.MG3	2738	29-JAN-1998	9:42:02	rwx	
FOI.PRG	20792	11-DEC-1996	11:21:44	rwx	

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FORMAT.PRG	24808	7-MAY-1997	16:51:14	rwx	
FPU.PRG	1780	3-JUN-1996	17:48:26	rwx	
FPU040.PRG	61944	26-JUL-1996	11:49:10	rwx	
FPU881.PRG	6412	26-JUL-1996	11:49:22	rwx	
FPUSOFT.PRG	20584	3-JUN-1996	17:49:26	rwx	
FREE.PRG	4368	1-APR-1997	10:40:56	rwx	
FREEZE.BAK	0	29-SEP-1997	10:04:38	rwx	
FREEZE.ERR	0	29-SEP-1997	10:04:38	rwx	
FTP.PRG	21188	8-OKT-1997	15:11:02	rwx	
FTS.PRG	25524	8-OKT-1997	15:10:00	rwx	
GETCLG.PRG	4532	3-JUN-1996	17:49:54	rwx	
HUB.PRG	17024	11-DEC-1996	11:28:38	rwx	
HUBREM.PRG	2764	11-DEC-1996	11:29:00	rwx	
ICD.PRG	71864	9-MAR-1998	13:45:36	rwx	
ICDXXX11.C00	57	11-SEP-1998	10:10:00	rwx	
ICI.PRG	22880	25-APR-1997	9:42:08	rwx	
ICMREM.PRG	3660	2-OKT-1996	15:40:10	rwx	
ICR.PRG	28204	4-JUL-1997	15:59:36	rwx	
IDENTITY.DAT	25511	20-AUG-2003	11:25:14	rwx	
IFCONFIG.PRG	19168	29-AUG-1997	12:38:14	rwx	
INFCOUNT.PRG	39536	16-JUL-1998	16:13:14	rwx	
INFO.DAT	544	20-AUG-2003	11:25:08	rwx	
KLD.PRG	30528	16-SEP-1997	14:14:12	rwx	
LABEL.PRG	3932	3-JUN-1996	17:50:04	rwx	
LANGUAGE	4096	14-JUN-1999	18:36:42	rwx	directory
LC2.PRG	142788	29-APR-1997	17:26:22	rwx	
LCD.PRG	127452	15-SEP-1997	9:24:18	rwx	
LCDDEF.CTF	14094	8-JAN-1997	11:51:38	rwx	
LCDEMU.PRG	21632	14-APR-1999	8:52:50	rwx	
LCDSTD.NTX	267	4-MAR-1997	14:28:16	rwx	
LCDXXX01.A00	271	7-APR-1997	9:35:06	rwx	
LCDXXX02.A00	271	7-APR-1997	9:35:06	rwx	
LCDXXX02.C00	52	20-APR-1999	18:06:56	rwx	
LCDXXX03.A00	286	11-APR-1997	10:26:50	rwx	
LCDXXX03.C00	57	25-MAY-1999	16:39:44	rwx	
LIAOS.BAT	24	23-JUL-1998	14:34:34	rwx	
LIC.BAT	25	25-MAY-1999	16:39:44	rwx	
LICAD.BAT	24	3-DEC-1997	18:02:54	rwx	
LIDCM.BAT	24	15-SEP-1998	10:36:04	rwx	
LIECU.BAT	24	16-APR-1998	11:10:46	rwx	
LIID.BAT	24	15-JAN-1997	15:16:12	rwx	
LINEAR.ADC	8	18-MAR-1996	10:56:42	rwx	
LIV.BAT	24	23-JUL-1998	14:34:34	rwx	
LIVER.BAT	42	15-APR-1999	4:11:10	rwx	
LI_DI30.BAT	25	15-JAN-1999	10:18:04	rwx	
LLR.PRG	22512	11-DEC-1996	11:26:08	rwx	
LOGIN.DAT	1372	25-MAY-1999	16:39:44	rwx	
LPQ.PRG	27184	3-DEC-1997	11:46:22	rwx	
M6U.PRG	17972	3-FEB-1997	16:26:22	rwx	
MAKEPART.PRG	4248	7-MAY-1997	18:23:08	rwx	
MESSAGES.NTX	5578	25-APR-1995	10:45:08	rwx	
MFR.PRG	25576	25-SEP-1997	17:36:42	rwx	
MFRSTD.NTX	118	17-FEB-1997	14:31:30	rwx	
MFS.PRG	19128	23-DEC-1996	15:16:52	rwx	
MFX.PRG	42924	26-NOV-1997	17:03:30	rwx	
MFXMON.PRG	2456	10-FEB-1997	15:26:32	rwx	

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```
MFXSTD.NTX                 31   26-SEP-1994  14:41:20   rwx
MG3000.BAT                 91   13-MAR-1995  16:36:50   rwx
MG3V1.FNT               15486   23-FEB-1994  14:49:20   rwx
MGAXXX00.C01             1372   25-MAY-1999  16:39:44   rwx
MKDIR.PRG                3864    3-JUN-1996  17:50:16   rwx
MMM.PRG                 77572   21-FEB-1997  10:07:36   rwx
MMMREM.PRG               3640   21-FEB-1997  10:07:42   rwx
MMSMON.PRG               6492    8-OKT-1997  11:38:10   rwx
MMSREM.PRG               5540    8-OKT-1997  11:40:08   rwx
MMUPROT.PRG             12012   22-OKT-1996  10:59:14   rwx
MNU.PRG                 41632   12-FEB-1997  16:52:04   rwx
MNUXXX01.A00             7335   31-MAR-1998   0:46:50   rwx
MNUXXX01.C00             1403   25-MAY-1999  15:43:00   rwx
MNUXXX02.A00             7335   31-MAR-1998   0:45:12   rwx
MNUXXX02.C00               79   20-APR-1999  18:06:56   rwx
MNUXXX03.A00             7335   31-MAR-1998   0:48:24   rwx
MNUXXX03.C00              327   25-MAY-1999  16:39:44   rwx
MNUXXX04.A00              834   12-JUN-1998  19:06:34   rwx
NET.PRG                 93928   23-JUL-1998  14:32:16   rwx
NETMON.PRG               6948    8-OKT-1997  15:07:20   rwx
NETREM.PRG              10864    8-OKT-1997  15:08:22   rwx
NETSONIC.PRG            20776    3-NOV-1997  10:54:24   rwx
NEWVBR.PRG               1364    3-JUN-1996  17:53:22   rwx
NFS.PRG                 22548    8-OKT-1997  15:15:12   rwx
NIL                        60   14-JUN-1999  18:47:44   rwx
NIP.PRG                118376    1-APR-1998  16:02:02   rwx
NIPREM.PRG               3060    1-APR-1998  16:03:48   rwx
NIPTST.PRG              91472    1-APR-1998  16:03:02   rwx
NIPXXX11.C00               59   11-SEP-1998  10:10:00   rwx
NK5.ADC                    96   18-MAR-1996  10:58:02   rwx
NOW.PRG                  4536    3-JUN-1996  17:53:36   rwx
NUL                        29   20-AUG-2003  11:25:14   rwx
NVE.PRG                 11412   23-DEC-1996  15:15:38   rwx
ODC.PRG                 30232   13-MAR-1997  16:55:44   rwx
ODCMNT.PRG               4988   13-MAR-1997  16:54:50   rwx
OEM001.UTL               1445   29-JAN-1998   9:45:20   rwx
OEM01XX.MG3              8798   29-JAN-1998   9:42:06   rwx
OEM02XX.MG3              7646   29-JAN-1998   9:42:10   rwx
OEM03XX.MG3              8438   29-JAN-1998   9:42:12   rwx
OEM04XX.MG3              7034   29-JAN-1998   9:42:16   rwx
OEM05XX.MG3               638   29-JAN-1998  10:01:48   rwx
OEM06XX.MG3              2342   29-JAN-1998   9:42:24   rwx
OEM07XX.MG3              5198   29-JAN-1998   9:42:28   rwx
OEM09XX.MG3             21968   29-JAN-1998   9:42:32   rwx
OEM100.UTL               1428   29-JAN-1998   9:45:12   rwx
OEM101.UTL               1434   29-JAN-1998   9:45:16   rwx
OEM102.UTL               1461   29-JAN-1998   9:45:26   rwx
OEM103.UTL               1468   29-JAN-1998   9:45:30   rwx
OEM104.UTL               1497   29-JAN-1998   9:45:36   rwx
OEM105.UTL               1458   29-JAN-1998   9:45:38   rwx
OEM106.UTL               1465   29-JAN-1998   9:45:44   rwx
OEM107.UTL               1463   29-JAN-1998   9:45:48   rwx
OEM108.UTL               1442   29-JAN-1998   9:45:52   rwx
OEM10XX.MG3             11246   29-JAN-1998   9:42:42   rwx
OEM11XX.MG3             11396   29-JAN-1998   9:42:46   rwx
OEM12XX.MG3             11396   29-JAN-1998   9:42:50   rwx
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OEM13XX.MG3	11396	29-JAN-1998	9:42:52	rwx
OEM14XX.MG3	11396	29-JAN-1998	9:42:56	rwx
OEM15XX.MG3	11396	29-JAN-1998	9:43:00	rwx
OEM16XX.MG3	11396	29-JAN-1998	9:43:02	rwx
OEM200.UTL	1428	3-DEC-1997	16:38:24	rwx
OEM20XX.MG3	16544	7-SEP-1998	14:33:36	rwx
OEM2XXX.MG3	16124	24-JUL-1997	14:04:00	rwx
OEM30XX.MG3	7778	29-JAN-1998	9:43:10	rwx
OEM31XX.MG3	7778	29-JAN-1998	9:43:12	rwx
OEM32XX.MG3	6386	29-JAN-1998	9:43:16	rwx
PAF.PRG	6172	11-DEC-1996	10:57:48	rwx
PAGE.PRG	308	3-JUN-1996	17:53:50	rwx
PDIR.DAT	12859	20-AUG-2003	11:25:12	rwx
PING.PRG	6776	8-OKT-1997	15:11:42	rwx
PKRMR.IDF	3444	7-SEP-1998	15:32:06	rwx
PMS.IDF	6310	31-JAN-1997	13:55:56	rwx
PMS.PDF	258438	15-SEP-1998	10:27:38	rwx
PMS.PRG	233056	14-SEP-1998	17:11:02	rwx
PMS2000.IDF	9649	14-JUL-1998	11:16:00	rwx
PMS53613.IDF	2975	1-OKT-1997	15:00:04	rwx
PMS53614.IDF	3353	1-OKT-1997	15:00:12	rwx
PMS53615.IDF	1079	1-OKT-1997	15:00:18	rwx
PMSCFG.DOC	34134	18-MAY-1998	12:02:30	rwx
PMSCLNT.PRG	163448	14-SEP-1998	17:12:42	rwx
PMS_3XX.IDF	2691	28-NOV-1996	9:57:38	rwx
PMS_8XX.IDF	1041	27-NOV-1996	16:01:02	rwx
PMS_DI.IDF	1533	31-JAN-1997	13:55:48	rwx
PMS_MCLR.IDF	2210	31-JAN-1997	13:55:40	rwx
PMS_MCLS.IDF	2026	31-JAN-1997	13:55:32	rwx
PNET.PRG	89720	29-MAR-1996	13:34:20	rwx
POWDOWN.PRG	5132	3-JUN-1996	17:54:20	rwx
PPV.PRG	21624	6-JAN-1998	12:29:48	rwx
PRINT.PRG	2820	3-JUN-1996	17:54:38	rwx
PROFILE.PRG	11784	3-JUN-1996	17:56:52	rwx
PROFREM.PRG	1668	11-DEC-1996	10:42:36	rwx
PRTTP.PRG	656	23-DEC-1996	15:21:48	rwx
PSERVER.PRG	14116	17-FEB-1997	17:58:46	rwx
PSO.PDF	70418	7-AUG-1997	12:33:20	rwx
PSO.PRG	233412	15-SEP-1998	9:49:04	rwx
PTP.PRG	13708	23-DEC-1996	15:21:34	rwx
PUBLISH.PRG	16048	8-OKT-1997	15:15:54	rwx
QCF.PRG	9380	25-APR-1997	9:26:24	rwx
QMAKEMSG.PRG	13364	3-JUN-1996	18:36:26	rwx
RELEASE.INI	176	26-JUN-1998	9:07:24	rwx
REM.PRG	25196	11-DEC-1996	10:42:18	rwx
RENAME.PRG	3720	3-JUN-1996	17:59:20	rwx
REPAIR.LOG	8880	27-MAR-2000	13:11:34	rwx
REPAIR.PRG	25824	18-MAR-1998	10:22:24	rwx
RIMDRV.PRG	4368	13-MAR-1997	16:56:10	rwx
RMDIR.PRG	4336	3-JUN-1996	18:00:20	rwx
RP1KT.ADC	53	18-MAR-1996	10:56:14	rwx
RXT.PRG	18856	29-MAY-1997	14:39:18	rwx
SCNS.PDF	33375	7-AUG-1997	12:33:22	rwx
SEARCH.PRG	5444	3-NOV-1997	17:25:54	rwx
SET.PRG	7492	3-JUN-1996	18:00:50	rwx
SHERR.PRG	2032	13-NOV-1997	14:55:46	rwx

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```
SHL.PRG                  9272   11-DEC-1996  10:49:00   rwx
SHOWDATA.PRG            17560    3-JUN-1996  18:04:58   rwx
SIEMR.IDF                9711    8-SEP-1998  11:13:18   rwx
SIEMRD3.IDF              3455    8-SEP-1998  11:13:24   rwx
SMAREM.PRG               2924   11-DEC-1996  10:35:32   rwx
SPC.PRG                 69276   28-MAY-1997  14:28:46   rwx
SPCREM.PRG               4116   31-JAN-1997  13:52:50   rwx
SPLIT.PRG                4780    3-JUN-1996  18:05:12   rwx
SPR.PRG                 57352    2-APR-1998   9:19:28   rwx
SSC.PDF                 60108    7-AUG-1997  12:33:24   rwx
STAMP.PRG                6444    3-JUN-1996  18:06:40   rwx
STARTUP.COM               459   22-MAY-1997  10:21:02   rwx
STB.PRG                 61468   25-APR-1997   9:24:26   rwx
SYS.PRG                 55916   22-MAY-1997  16:23:52   rwx
SYSXXX00.A00               64   25-FEB-1999  10:49:12   rwx
T14.BAT                    41    2-SEP-1997   8:31:28   rwx
T14.PRG                411496   13-APR-1999  10:14:52   rwx
T14S.BAT                   50   24-FEB-1998   0:08:38   rwx
T3I.PRG                 31592   25-AUG-1998  14:10:08   rwx
T3M.PRG                 13876   11-DEC-1996  11:27:04   rwx
TASKINFO.PRG             9644    3-JUN-1996  18:06:56   rwx
TCPIP.PRG               73912    3-NOV-1997  11:07:08   rwx
tcpip_060697.prg        86236    6-JUN-1997  11:56:28   rwx
TCT.PRG                 34616   29-SEP-1997  11:13:36   rwx
TEL.PRG                 14844    7-MAY-1998  12:52:46   rwx
TELNET.PRG              15556    8-OKT-1997  15:12:22   rwx
TEST.SUM                15512   16-SEP-1998  12:19:08   rwx
TESTMATH.PRG            18836    3-JUN-1996  18:12:28   rwx
TESTMEM.PRG              5924    3-JUN-1996  18:12:44   rwx
TIF.PRG                 41432   20-MAR-1997  17:22:50   rwx
TIO.PRG                 84244    2-MAY-1997  16:48:48   rwx
TLK.PRG                 11080   11-DEC-1996  10:48:40   rwx
TOOLBOX.PRG             10000   19-APR-1996  12:10:08   rwx
TOUCH.PRG                1484    3-JUN-1996  18:13:50   rwx
TPA.PRG                 12348   11-DEC-1996  11:20:48   rwx
TPG.PRG                 15700   11-DEC-1996  11:21:10   rwx
TRAPVRTX.PRG             6616   26-JUN-1996  12:05:10   rwx
TREE.PRG                 5956   21-JUN-1996  15:26:28   rwx
TRUESIZE.MAP               28   20-JAN-1998  13:03:54   rwx
TSH.PRG                 81068    2-SEP-1998  14:43:20   rwx
TSS.PRG                 27228    2-SEP-1998  14:43:16   rwx
TSTIMG.090              27889   27-JAN-1999  13:00:56   rwx
TSTIMG.100              29241   27-JAN-1999  13:01:00   rwx
TSTIMG.110              29584   27-JAN-1999  13:01:04   rwx
TSTIMG.150              32400   27-JAN-1999  13:01:10   rwx
TSTIMG.400              34225   27-JAN-1999  13:01:14   rwx
TXT.PRG                 17483    1-APR-1998  15:29:46   rwx
TYPE.PRG                 4244    3-JUN-1996  18:14:12   rwx
ULD.CTF                  9323   15-APR-1998  16:09:32   rwx
ULD.PRG                103952   15-APR-1998  16:10:14   rwx
ULDXXX04.A00              152    4-NOV-1997   9:46:28   rwx
ULPREM.PRG              29828   14-SEP-1998  17:07:42   rwx
UNZIP.PRG               75052    3-JUN-1996  18:21:16   rwx
UNZIPSFX.PRG            35260    3-JUN-1996  18:23:08   rwx
VER.BAT                    42   15-APR-1999   4:11:10   rwx
VFY.PRG                 13580   17-OKT-1997   9:50:30   rwx
```

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```
  VIC.PRG                  15344   19-SEP-1997   8:55:22   rwx
  VIDADJ.PRG               21812   11-DEC-1996  10:47:12   rwx
  VSI.PRG                  25856   11-DEC-1996  11:23:34   rwx
  VSIC1.PRG                14979   12-OKT-1995  15:32:06   rwx
  VSIC2.PRG                 4015   12-OKT-1995  15:33:16   rwx
  VSIC3.PRG                 4015   12-OKT-1995  15:33:42   rwx
  VSISTD.NTX                 196   17-FEB-1997  14:27:28   rwx
  VSIXXX01.C00                29   25-MAY-1999  15:43:00   rwx
  VSIXXX03.C00                29   25-MAY-1999  16:39:44   rwx
  WGT2_140.TBL               655   29-JUL-1998  10:33:26   rwx
  WGT2_150.TBL               655   29-JUL-1998  10:33:36   rwx
  WGT3_000.TBL               655   16-NOV-1992  20:14:02   rwx
  WGT3_002.TBL               758   24-SEP-1996  13:59:08   rwx
  WGT3_003.TBL               758   24-SEP-1996  14:00:16   rwx
  WGT3_006.TBL               762   20-AUG-1996  15:28:36   rwx
  WGT3_011.TBL               753   20-AUG-1996  16:54:50   rwx
  WGT3_018.TBL               762   20-AUG-1996  17:13:04   rwx
  WGT6_140.TBL               655   31-AUG-1998  10:23:44   rwx
  WGT6_142.TBL               758   31-AUG-1998  10:23:48   rwx
  WGT6_143.TBL               758   31-AUG-1998  10:23:52   rwx
  WGT6_146.TBL               762   31-AUG-1998  10:23:54   rwx
  WGT6_150.TBL               655   31-AUG-1998  10:24:02   rwx
  WGT9_999.TBL               655   29-JUL-1998  10:33:26   rwx
  XILINX.PRG                6747   10-JUN-1992  12:27:32   rwx
  XT.PRG                   26668    3-JUN-1996  18:14:54   rwx
  YMS.PRG                  24924   15-JUL-1998  15:25:54   rwx
  YMSREM.PRG                4160   31-JAN-1997  13:53:46   rwx
  ZIP.PRG                  52212   24-APR-1997  10:32:52   rwx

  Total of 397 files, 11093298 bytes

drystar_3000_C:\>
drystar_3000_C:\> show data all
```

SHOWDATA ALL

```
drystar_3000_C:\>
drystar_3000_C:\> showdata all

MON_ASTRX structure located at address 1c3c
-------------------------------------------
  1c3c:000   eye              = '!MON'
  1c40:004   version          = '4.28'
  1c44:008   defaults         = 00001410 -->
  1c48:00c   termmode         = 1
  1c4c:010   termport         = 1
  1c50:014   boot_disk        = '#HD0'
  1c54:018   ramend           = 01ffffff
  1c58:01c   shell            = 0000fb58 --> lib_system
  1c5c:020   console          = 0003b7ec --> mon__cmdflag
  1c60:024   baseSLA          = fff96e64 -->
  1c64:028   target           = 000018e8 -->
  1c68:02c   board_type       = 8
  1c6c:030   hostport         = 0
  1c70:034   lineptr          = 0003abee
  1c74:038   abort            = 00000000 -->
```

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```
  1c78:03c   useRTscope       = 0
  1c7a:03e   useRTsourc       = 0
  1c7c:040   funcname         = 0000c618 --> debug_get_function
  1c84:048   cpuPeriod        = 39960
  1c88:04c   cpuType          = 68040
  1c90:054   board_id         = 1
  1c94:058   board_rev        = 4
  1c98:05c   termbaud         = 9600
  1c9c:060   boot_part        = 0
  1c9d:061   boot_scsi2       = 0
  1c9e:062   memerr           = 0
  1c9f:063   sram             = 0
  1ca0:064   linkdate         = "30-JUN-1998 10:57"
  1cb4:078   my_SCSI_id       = 7
  1cb8:07c   hook_getchar     = 0001c5ac --> lib_getchar
  1cbc:080   hook_putchar     = 0001c550 --> lib_putchar
  1cc0:084   cpu2_present     = 0
  1cc4:088   mon_except_handler = fff9f520 -->
  1cc8:08c   cpu2_funcname    = 00000000 -->
  1ccc:090   cpu2_shell       = 00000000 -->
  1cd0:094   cpu2_console     = 00000000 -->
  1cd4:098   fpu_type         = 0
  1cd8:09c   fpu2_type        = 0
  1cdc:0a0   cpu1_RTDinfo     = 0000f47c --> shell_RTDinfo
  1ce0:0a4   cpu2_RTDinfo     = 00000000 -->
  1ce4:0a8   hook_poll        = 00000000 -->
  1ce8:0ac   usr_except_handler = 00000000 -->
  1cec:0b0   bsp_symbol_table = 0003d850
  1cf0:0b4   debug_enable_trace = 00006f9c --> debug_enable_trace

MON VME structure located at address 10001d10
-----------------------------------------
  10001d10:000   eye              = '!VME'
  10001d14:004   version          = '4.28'
  10001d18:008   boardnr          = 1
  10001d19:009   boardtype        = 8
  10001d1a:00a   syscon           = 1
  10001d1b:00b   arbitrate        = 0
  10001d1c:00c   node             = 1
  10001d1d:00d   datamode         = 0
  10001d1e:00e   RXdata           = 0
  10001d1f:00f   TXdata           = 0
  10001d20:010   user             = 00000000 -->
  10001d24:014   mon_astrx        = 10001c3c -->
  10001d30:020   board1           = 10001d10
  10001d34:024   board2           = 00000000
  10001d38:028   board3           = 00000000
  10001d3c:02c   board4           = 00000000
  10001d70:060   cpu2_present     = 0
  10001d90:080   msg_eye          = '!MSG'
  10001d94:084   msg_lock         = 0
  10001d95:085   msg_ready        = 0
  10001d96:086   msg_nod          = 0
  10001d97:087   msg_mode         = 0
  10001d98:088   msg_buf          = ""
```

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```
PORTEX structure located at address 0003b3b0
---------------------------------------------
  3b3b0:000   eye              = "!PORTEX"
  3b3b8:008   user             = 0004e3f0 -->
  3b3bc:00c   portex_version   = '1.10'
  3b3c0:010   monitor_version  = '4.28'
  3b3c4:014   astrx_version    = '    '
  3b3c8:018   time_ms          = 41414070
  3b3cc:01c   time_us          = 325340000
  3b3dc:02c   ifx_version      = '2.02'
  3b3f0:040   cpu_period       = 39960
  3b3f4:044   cpu_type         = 68040
  3b3f8:048   fpu_type         = 0
  3b400:050   board_id         = 1
  3b404:054   board_type       = 8
  3b40c:05c   board_revision   = 4
  3b410:060   board_name       = "GEMINI"
  3b408:058   board_mask       = 001b0100
  3b414:064   board_memory     = 02000000
  3b420:070   scsi_driver      = 00015b80 --> ncr90_command
  3b424:074   scsi_id          = 7
  3b425:075   boot_scsi2       = 0
  3b427:077   program_symbols  = 1
  3b428:078   portex1          = 00000000 -->
  3b42c:07c   portex2          = 00000000 -->
  3b430:080   vme_ext_A16D16   = ef000000
  3b434:084   vme_ext_A16D32   = ee000000
  3b438:088   vme_ext_A24D16   = ed000000
  3b43c:08c   vme_ext_A24D32   = ec000000
  3b440:090   vme_int_A24D16   = 00100000
  3b444:094   vme_int_A24D32   = 00100000
  3b448:098   vme_int_A32D16   = 10000000
  3b44c:09c   vme_int_A32D32   = 10000000
  3b450:0a0   log              = 000ed6b4 --> LogString
  3b458:0a8   log_mem          = 0
  3b459:0a9   log_task         = 0
  3b45a:0aa   log_ifxlock      = 0
  3b45b:0ab   log_resource     = 0
  3b454:0a4   hook_tswitch     = 00000000 -->
  3b460:0b0   cpu2_present     = 0
  3b468:0b8   cpu2_hook_timer  = 00000000 -->
  3b46c:0bc   cpu2_hook_soft   = 00000000 -->
  3b470:0c0   heap             = 02000000
  3b474:0c4   chip_table       = 000354a6 --> board__chip_table
  3b478:0c8   console_busy     = 00000000 -->
  3b47c:0cc   timestamp        = 00000000
  3b480:0d0   project          = "MG_COLOR"
  3b490:0e0   boot_disk        = "C:"
  3b4a0:0f0   scsi_recovered   = 0
  3b4a4:0f4   scsi_failed      = 0
  3b4a8:0f8   scsi_errors      = 0
  3b4ac:0fc   scsi_marker      = 00000000 -->
  3b4b0:100   hook_tdelete     = 00000000 -->
  3b4c0:110   vme_local        = 10001d10
  3b4c4:114   vme_system       = 10001d10
```

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```
drystar_3000_C:\>


drystar_3000_C:\>


drystar_3000_C:\> tree
```

TREE Structure

```
-- ROOT ----+.................................................. 397  11760 K
            |- LANGUAGE ......................................   0      0 K
            |- DI3 -----+.....................................  12      0 K
            |           |- CONFIG ............................   1      4 K
            |           |- CLIENT14 ..........................   8     36 K
            |           |- STRL11 ............................   3     12 K
            |           |- CLIENT17 ..........................  17     80 K
            |           |- CLIENT11 ..........................   8     36 K
            |           |- COPY ..............................   7     28 K
            |           |- ROAM11 ............................   8     40 K
            |           |- ROAM14 ............................   8     40 K
            |           |- ROAM17 ............................   8     40 K
            |           |- TOOLS .............................  10     40 K
            |           |- STRL14 ............................   3     12 K
            |           |- STRL17 ............................  43    328 K
            |- ENGINE --+.....................................   6      0 K
                        |- CONFIG ............................  15    140 K
                        |- TOOLS .............................   2     40 K
                        |- CAN ...............................   9     88 K
                        |- MDM ...............................   2      8 K
                        |- TH ................................   4    236 K
                        |- COS ...............................   2    256 K

drystar_3000_C:\>

drystar_3000_C:\>
```

Identity Data File

```
drystar_3000_C:\> type identity.dat
01
Node_nam "Drystar 3000"
Node_typ "53614"
Serial_no ""
Install_nam ""
Site_nam ""
Site_addr_1 ""
Site_addr_2 ""
Help_phone_no "+49 89 6207 3427"
Modem_phone_no "+49 89 6207 7777"
Sw_version_m "MeGa3.32"
Sw_version_c "OEM37486"
Install_dat "05/12/1994"
Loc_lang "  English (EN_GB,01) "
```

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```
Input_01_file "2078,50:53614"
Input_01_date ""
Input_01_vend "Agfa"
Input_01_type "OT Drystar 3000 Input defaults (VSI,BW,1.2)"
Input_01_rev "0"
Input_02_file "33,242:53614"
Input_02_date ""
Input_02_vend "Philips"
Input_02_type "MR Gyroscan T10-NT  (MFRI,RS422,AMDI-C,SCC)"
Input_02_rev "0"
Input_03_file "2108,50:53614"
Input_03_date ""
Input_03_vend "General Electric"
Input_03_type "CT Sytec 2000i  (VSI,BW,1.2)"
Input_03_rev "0"
Input_04_file "2078,209:53614"
Input_04_date ""
Input_04_vend "Agfa"
Input_04_type "OT Drystar 3000 Input defaults (Local display,I/P 4)"
Input_04_rev "0"
Output_11_file "2079,210:53614"
Output_11_date ""
Output_11_vend "Agfa"
Output_11_type "OT Drystar 3000 Output defaults (Print engine (Bw on MT film))"
Output_11_rev "0"
Network_21_file "2080,17:53614"
Network_21_date ""
Network_21_vend "Agfa"
Network_21_type "OT Drystar 3000 Network defaults (ETH,APIP)"
Network_21_rev "0"
Network_22_file "0"
Network_22_date ""
Network_22_vend "AGFA"
Network_22_type "PMS : Print Management"
Network_22_rev "0"

Versions  : Portex=1.10  Monitor=4.28
Build date: 25-JUN-1998 09:47
Board ID  : 1 - GEMINI
SCSI ID   : 7
CPU type  : 68040 - 25.03 Mhz
FPU type  : 0
MEMORY    : 32 Mbyte  (free zone starts at 00042d38)
Kernel total_worksize=461684
FileSystem total_worksize=98304, used_worksize=9032, errors=0
VME  ext A16D16 = ef000000     int A24D16 = 00100000
VME  ext A16D32 = ee000000     int A24D32 = 00100000
VME  ext A24D16 = ed000000     int A32D16 = 10000000
VME  ext A24D32 = ec000000     int A32D16 = 10000000
NIP board is present

echo 901118007 aos32943
echo 901118007 MeGa3.32
echo xxxxxxxxxx xx5361
echo 881163068 cad32941
echo 892717801 ecu32942
```

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```
echo 1501991019 DI301p66
echo DRYSTAR3000 client alphatest: R1.74
echo 905848563 dcm32948
echo 906053894 OEM37486
  Program name             size       date     time   version
  ---------------------------------------------------------------------
** Cannot get program info for C:\/VSIC1.PRG (err=4e20)
** Cannot get program info for C:\/VSIC2.PRG (err=4e20)
** Cannot get program info for C:\/VSIC3.PRG (err=4e20)
** Cannot get program info for C:\/XILINX.PRG (err=4e20)
  ACQ.PRG                  95848   23-JUL-1997 14:30    3.3.61
  ADV.PRG                   7780   08-OCT-1997 15:13    3.2.10
  AIR.PRG                  13812   11-DEC-1996 11:28    3.0.24
  AIT.PRG                  12632   11-DEC-1996 11:27    3.0.24
  AMDREM.PRG                2848   11-DEC-1996 10:46    1.0.01
  AME.PRG                  38324   11-DEC-1997 14:58    1.2.93
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  AML.PRG                  74060   25-APR-1997 09:45    3.0.73
  AMO.PRG                 129628   25-APR-1997 09:23    3.1.05
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  APPEND.PRG                2908   15-DEC-1997 09:09    2.02
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  BMD.PRG                  78304   03-DEC-1997 17:43    3.2.32
  BSP.PRG                 245452   25-JUN-1998 09:47    0.00
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  BUILDMSG.PRG              6640   03-JUN-1996 17:08    2.01
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  CANTST.PRG               84156   14-APR-1999 08:54    1.1.41
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  CHECKFIL.PRG             11144   18-MAR-1998 11:08    2.08
  CHMOD.PRG                 1852   03-JUN-1996 17:08    2.01
  CLIENT.PRG               11336   03-JUN-1996 18:13    2.01
  CMN.PRG                   9292   25-APR-1997 09:21    3.0.45
  COM.PRG                  23784   03-JUN-1996 17:10    2.02
  CONNECT.PRG               5188   03-JUN-1996 17:10    2.01
  COPY.PRG                  9888   09-JUL-1996 17:12    2.05
  COS.PRG                  86260   14-APR-1999 08:56    1.2.62
  CPD.PRG                  88632   06-FEB-1998 18:14    3.5.22
  CPDMON.PRG                3324   25-APR-1997 09:44    3.5.21
  CPDREM.PRG               30900   25-APR-1997 09:44    3.5.21
  CPE.PRG                  22716   25-APR-1997 09:25    3.0.63
  CPU.PRG                   6460   03-JUN-1996 17:10    2.02
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  CRX.PRG                 176364   15-SEP-1998 09:47    3.2.42
  DATE.PRG                  2920   03-JUN-1996 17:11    2.01
  DCMCONV.PRG              75980   15-SEP-1998 10:13    1.0.38
  DCMPING.PRG             139380   15-SEP-1998 10:12    1.0.37
  DDI.PRG                   6444   08-OCT-1997 15:14    3.2.10
  DECRUNCH.PRG              3696   11-DEC-1996 10:43    1.0.01
  DEL.PRG                   6124   14-JUN-1996 11:45    2.04
  DFIDEFXX.PRG             42060   11-DEC-1996 14:37    1.0.01
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DFIDUMXX.PRG	13700	03-OCT-1996 15:27	1.0.01
DFIRDSXX.PRG	59912	11-DEC-1996 14:38	1.0.01
DIFF.PRG	6136	03-JUN-1996 17:11	2.01
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DIR2.PRG	9936	01-MAR-1996 17:31	2.01
DIS.PRG	16636	11-DEC-1996 11:20	3.0.42
DISKCOMP.PRG	7596	03-JUN-1996 17:12	2.01
DISKCOPY.PRG	7504	03-JUN-1996 17:20	2.01
DISKINFO.PRG	22132	01-APR-1997 10:40	2.03
DISKLOOK.PRG	9932	03-JUN-1996 17:24	2.01
DISKMAKE.PRG	33748	12-JUN-1997 11:18	2.11
DISKMODE.PRG	18392	03-JUN-1996 17:24	2.02
DISKPATC.PRG	6624	12-JAN-1996 12:02	2.1.02
DISKUTIL.PRG	15388	01-APR-1997 10:42	2.01
DR3.PRG	412428	13-APR-1999 10:23	2.1.84
DSP.PRG	86548	01-APR-1998 15:26	0.00
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ERRMERGE.PRG	3200	15-MAY-1997 15:23	1.28
ERROR.PRG	3456	03-JUN-1996 17:45	2.01
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ETHERNET.PRG	456	14-MAY-1997 12:33	0.00
ETS.PRG	10992	08-OCT-1997 15:09	3.2.10
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FPU881.PRG	6412	26-JUL-1996 11:49	0.00
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FTP.PRG	21188	08-OCT-1997 15:11	3.2.30
FTS.PRG	25524	08-OCT-1997 15:09	3.2.29
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HUBREM.PRG	2764	11-DEC-1996 11:28	1.3.66
ICD.PRG	71864	09-MAR-1998 13:45	1.0.03
ICI.PRG	22880	25-APR-1997 09:42	3.0.57
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IFCONFIG.PRG	19168	29-AUG-1997 12:38	1.0.01
INFCOUNT.PRG	39536	16-JUL-1998 16:14	0.00
KLD.PRG	30528	16-SEP-1997 14:14	3.0.53
LABEL.PRG	3932	03-JUN-1996 17:50	2.01
LC2.PRG	142788	29-APR-1997 17:26	3.7.03
LCD.PRG	127452	15-SEP-1997 09:24	3.7.10
LCDEMU.PRG	21632	14-APR-1999 08:52	1.0.03
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MAKEPART.PRG	4248	07-MAY-1997 18:23	1.00
MFR.PRG	25576	25-SEP-1997 17:36	3.0.38

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MFS.PRG	19128	23-DEC-1996 15:16	3.2.15
MFX.PRG	42924	26-NOV-1997 17:03	3.2.13
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PING.PRG	6776	08-OCT-1997 15:11	3.2.27
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SPLIT.PRG	4780	03-JUN-1996 18:05	2.02

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  TELNET.PRG               15556   08-OCT-1997 15:12    3.2.14
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  VIC.PRG                  15344   19-SEP-1997 08:55    2.01
  VIDADJ.PRG               21812   11-DEC-1996 10:47    1.0.01
  VSI.PRG                  25856   11-DEC-1996 11:23    3.0.83
  XT.PRG                   26668   03-JUN-1996 18:14    1.44
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  YMSREM.PRG                4160   24-MAY-1996 10:03    0.00
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proc 0
accept_color 1
00
nip_virgin_cfg 0
nr_chan 3
00
infVirginCfg 0
dev_productName "DI3000"
dev_typeNo "5361/99"
dev_serialNo "9901-22"
dev_manfactDate 919918800
site_name "arizona"
site_address "az"
site_city "prescott valley"
```

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```
site_department "clinic"
site_phone "none"
site_modem "n one"
site_comment "none"
repair_l 1
repair 0
rdate 924648809
rprints 8
infVirginCfg 0
maintenance_l 1
maintenance 0
mdate 964793024
mprints 17598
infVirginCfg 0
software_l 2
software 0
sdate 929386036
sprints 1177
version "R1.70"
software 1
sdate 929386111
sprints 1177
version "R1.74"
00
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fdl_file "cptnc.fdl"
00
dsp_virgin_cfg 0
no_img_buf 7
00
spr_virgin_cfg 0
nbpp_out 16
nvbpp_out 10
00
art_dest 0
apip_dest "DRYSTAR_3000"
inet_addr "192.168.001.100"
hostname "drystar_3000"
art_dest 1
apip_dest "DRYSTAR_3000"
inet_addr "192.168.001.100"
hostname "drystar_3000"
art_dest 2
apip_dest "DRYSTAR_2000"
available 1
dest_type 5358
hostname "drystar_2000"
art_dest 3
apip_dest ""
inet_addr ""
art_dest 4
apip_dest ""
inet_addr ""
art_dest 5
apip_dest ""
inet_addr ""
```

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```
art_dest 6
apip_dest ""
inet_addr ""
00
vsi_virgin_cfg 0
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tot_pix 908
linetime 63557
first_pix_cap 130
last_pix_cap 870
linesperframe 525
fld1_strtln_cap 14
fld1_lastln_cap 254
fld2_strtln_cap 277
fld2_lastln_cap 517
setup_level 50
video_gain 121
pixel_phase 61
sync_filter 0
hor_ref_adjust 48
vsync_detect 633
field_detect 1269
halflin_lockout 2499
vsynctime 190650
hsynctime 4650
00
menu 1
film_type 4
dbmin 2500
dbmax 25500
trim_flag 0
menu 2
film_type 4
dbmin 2500
dbmax 22500
trim_flag 0
menu 3
film_type 4
dbmin 2500
dbmax 22500
trim_flag 0
menu 4
film_type 4
dbmin 2500
dbmax 22500
trim_flag 0
menu 5
film_type 4
dbmin 2500
dbmax 22500
trim_flag 0
menu 6
film_type 4
dbmin 2500
dbmax 22500
trim_flag 0
```

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```
menu 7
film_type 4
dbmin 2500
dbmax 22500
trim_flag 0
menu 8
film_type 4
dbmin 2500
dbmax 22500
trim_flag 0
resolution 8000
menu 9
film_type 4
dbmin 2500
dbmax 25500
trim_flag 0
resolution 8000
menu 10
film_type 4
dbmin 2500
dbmax 22500
trim_flag 0
resolution 8000
menu 11
film_type 4
dbmin 2500
dbmax 22500
trim_flag 0
resolution 8000
menu 12
film_type 4
dbmin 2500
dbmax 22500
trim_flag 0
resolution 8000
menu 13
film_type 4
dbmin 2500
dbmax 22500
trim_flag 0
resolution 8000
menu 14
film_type 4
dbmin 2500
dbmax 22500
trim_flag 0
resolution 8000
menu 15
film_type 4
dbmin 2500
dbmax 22500
trim_flag 0
resolution 8000
menu 16
film_type 4
dbmin 2500
```

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```
dbmax 22500
trim_flag 0
resolution 8000
menu 17
film_type 4
dbmin 2500
dbmax 25500
trim_flag 0
resolution 8000
menu 18
film_type 4
dbmin 2500
dbmax 22500
trim_flag 0
resolution 8000
menu 19
film_type 4
dbmin 2500
dbmax 22500
trim_flag 0
resolution 8000
menu 20
film_type 4
dbmin 2500
dbmax 22500
trim_flag 0
resolution 8000
menu 21
film_type 4
dbmin 2500
dbmax 22500
trim_flag 0
resolution 8000
menu 22
film_type 4
dbmin 2500
dbmax 22500
trim_flag 0
resolution 8000
menu 23
film_type 4
dbmin 2500
dbmax 22500
trim_flag 0
resolution 8000
menu 24
film_type 4
dbmin 2500
dbmax 22500
trim_flag 0
resolution 8000
menu 25
film_type 4
dbmin 2500
dbmax 25500
trim_flag 0
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```
resolution 8000
menu 26
film_type 4
dbmin 2500
dbmax 22500
trim_flag 0
resolution 8000
menu 27
film_type 4
dbmin 2500
dbmax 22500
trim_flag 0
resolution 8000
menu 28
film_type 4
dbmin 2500
dbmax 22500
trim_flag 0
resolution 8000
menu 29
film_type 4
dbmin 2500
dbmax 22500
trim_flag 0
resolution 8000
menu 30
film_type 4
dbmin 2500
dbmax 22500
trim_flag 0
resolution 8000
menu 31
film_type 4
dbmin 2500
dbmax 22500
trim_flag 0
resolution 8000
menu 32
film_type 4
dbmin 2500
dbmax 22500
trim_flag 0
resolution 8000
menu 33
film_type 4
dbmin 2500
dbmax 25500
trim_flag 0
resolution 8000
menu 34
film_type 4
dbmin 2500
dbmax 22500
trim_flag 0
resolution 8000
menu 35
```

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```
film_type 4
dbmin 2500
dbmax 22500
trim_flag 0
resolution 8000
menu 36
film_type 4
dbmin 2500
dbmax 22500
trim_flag 0
resolution 8000
menu 37
film_type 4
dbmin 2500
dbmax 22500
trim_flag 0
resolution 8000
menu 38
film_type 4
dbmin 2500
dbmax 22500
trim_flag 0
resolution 8000
menu 39
film_type 4
dbmin 2500
dbmax 22500
trim_flag 0
resolution 8000
menu 40
film_type 4
dbmin 2500
dbmax 22500
trim_flag 0
resolution 8000
menu 41
film_type 4
dbmin 2500
dbmax 25500
trim_flag 0
resolution 8000
menu 42
film_type 4
dbmin 2500
dbmax 22500
trim_flag 0
resolution 8000
menu 43
film_type 4
dbmin 2500
dbmax 22500
trim_flag 0
resolution 8000
menu 44
film_type 4
dbmin 2500
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```
dbmax 22500
trim_flag 0
resolution 8000
menu 45
film_type 4
dbmin 2500
dbmax 22500
trim_flag 0
resolution 8000
menu 46
film_type 4
dbmin 2500
dbmax 22500
trim_flag 0
resolution 8000
menu 47
film_type 4
dbmin 2500
dbmax 22500
trim_flag 0
resolution 8000
menu 48
film_type 4
dbmin 2500
dbmax 22500
trim_flag 0
resolution 8000
menu 49
film_type 4
dbmin 2500
dbmax 25500
trim_flag 0
resolution 8000
menu 50
film_type 4
dbmin 2500
dbmax 22500
trim_flag 0
resolution 8000
menu 51
film_type 4
dbmin 2500
dbmax 22500
trim_flag 0
resolution 8000
menu 52
film_type 4
dbmin 2500
dbmax 22500
trim_flag 0
resolution 8000
menu 53
film_type 4
dbmin 2500
dbmax 22500
trim_flag 0
```

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```
resolution 8000
menu 54
film_type 4
dbmin 2500
dbmax 22500
trim_flag 0
resolution 8000
menu 55
film_type 4
dbmin 2500
dbmax 22500
trim_flag 0
resolution 8000
menu 56
film_type 4
dbmin 2500
dbmax 22500
trim_flag 0
resolution 8000
menu 57
film_type 4
dbmin 2500
dbmax 25500
trim_flag 0
resolution 8000
menu 58
film_type 4
dbmin 2500
dbmax 22500
trim_flag 0
resolution 8000
menu 59
film_type 4
dbmin 2500
dbmax 22500
trim_flag 0
resolution 8000
menu 60
film_type 4
dbmin 2500
dbmax 22500
trim_flag 0
resolution 8000
menu 61
film_type 4
dbmin 2500
dbmax 22500
trim_flag 0
resolution 8000
menu 62
film_type 4
dbmin 2500
dbmax 22500
trim_flag 0
resolution 8000
menu 63
```

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```
film_type 4
dbmin 2500
dbmax 22500
trim_flag 0
resolution 8000
menu 64
film_type 4
dbmin 2500
dbmax 22500
trim_flag 0
resolution 8000
00
vsi_virgin_cfg 0
video_input 4
tot_pix 928
linetime 29000
first_pix_cap 202
last_pix_cap 898
linesperframe 575
fld1_strtln_cap 29
fld1_lastln_cap 568
fld2_strtln_cap 0
fld2_lastln_cap 0
setup_level 23
video_gain 179
pixel_phase 33
vid_filter 2
pll_reg 0x31570
hor_ref_adjust 27
interlace 0
vsync_detect 288
field_detect 578
halflin_lockout 1117
vsynctime 145000
hsynctime 3500
00
menu 41
trim_flag 0
window 90
00
menu 1
film_type 4
trim_flag 0
utl_id 3 0 0 0
utl_subid 0 0 0 0
smooth_factor 140
window 90
level 5
menu 2
film_type 4
trim_flag 0
window 90
level 5
menu 3
film_type 4
trim_flag 0
```

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```
window 90
level 5
menu 4
film_type 4
trim_flag 0
window 90
level 5
menu 5
film_type 4
trim_flag 0
window 90
level 5
menu 6
film_type 4
trim_flag 0
window 90
level 5
menu 7
film_type 4
trim_flag 0
window 90
level 5
menu 8
film_type 4
trim_flag 0
window 90
level 5
menu 9
film_type 4
trim_flag 0
window 90
level 5
menu 10
film_type 4
trim_flag 0
window 90
level 5
menu 11
film_type 4
trim_flag 0
window 90
level 5
menu 12
film_type 4
trim_flag 0
window 90
level 5
menu 13
film_type 4
trim_flag 0
window 90
level 5
menu 14
film_type 4
trim_flag 0
window 90
```

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```
level 5
menu 15
film_type 4
trim_flag 0
window 90
level 5
menu 16
film_type 4
trim_flag 0
window 90
level 5
menu 17
film_type 4
trim_flag 0
window 90
level 5
menu 18
film_type 4
trim_flag 0
window 90
level 5
menu 19
film_type 4
trim_flag 0
window 90
level 5
menu 20
film_type 4
trim_flag 0
window 90
level 5
menu 21
film_type 4
trim_flag 0
window 90
level 5
menu 22
film_type 4
trim_flag 0
window 90
level 5
menu 23
film_type 4
trim_flag 0
window 90
level 5
menu 24
film_type 4
trim_flag 0
window 90
level 5
menu 25
film_type 4
trim_flag 0
window 90
level 5
```

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```
menu 26
film_type 4
trim_flag 0
window 90
level 5
menu 27
film_type 4
trim_flag 0
window 90
level 5
menu 28
film_type 4
trim_flag 0
window 90
level 5
menu 29
film_type 4
trim_flag 0
window 90
level 5
menu 30
film_type 4
trim_flag 0
window 90
level 5
menu 31
film_type 4
trim_flag 0
window 90
level 5
menu 32
film_type 4
trim_flag 0
window 90
level 5
menu 33
film_type 4
trim_flag 0
window 90
level 5
menu 34
film_type 4
trim_flag 0
window 90
level 5
menu 35
film_type 4
trim_flag 0
window 90
level 5
menu 36
film_type 4
trim_flag 0
window 90
level 5
menu 37
```

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```
film_type 4
trim_flag 0
window 90
level 5
menu 38
film_type 4
trim_flag 0
window 90
level 5
menu 39
film_type 4
trim_flag 0
window 90
level 5
menu 40
film_type 4
trim_flag 0
window 90
level 5
menu 41
film_type 4
trim_flag 0
window 90
level 5
menu 42
film_type 4
trim_flag 0
window 90
level 5
menu 43
film_type 4
trim_flag 0
window 90
level 5
menu 44
film_type 4
trim_flag 0
window 90
level 5
menu 45
film_type 4
trim_flag 0
window 90
level 5
menu 46
film_type 4
trim_flag 0
window 90
level 5
menu 47
film_type 4
trim_flag 0
window 90
level 5
menu 48
film_type 4
```

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```
trim_flag 0
window 90
level 5
menu 49
film_type 4
trim_flag 0
window 90
level 5
menu 50
film_type 4
trim_flag 0
window 90
level 5
menu 51
film_type 4
trim_flag 0
window 90
level 5
menu 52
film_type 4
trim_flag 0
window 90
level 5
menu 53
film_type 4
trim_flag 0
window 90
level 5
menu 54
film_type 4
trim_flag 0
window 90
level 5
menu 55
film_type 4
trim_flag 0
window 90
level 5
menu 56
film_type 4
trim_flag 0
window 90
level 5
menu 57
film_type 4
trim_flag 0
window 90
level 5
menu 58
film_type 4
trim_flag 0
window 90
level 5
menu 59
film_type 4
trim_flag 0
```

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```
window 90
level 5
menu 60
film_type 4
trim_flag 0
window 90
level 5
menu 61
film_type 4
trim_flag 0
window 90
level 5
menu 62
film_type 4
trim_flag 0
window 90
level 5
menu 63
film_type 4
trim_flag 0
window 90
level 5
menu 64
film_type 4
trim_flag 0
window 90
level 5
00
lcd_virgin_cfg 0
hospital "Accuson"
location "128 XP/10"
00
mfr_virgin_cfg 0
max_line_time 50
drystar_3000_C:\>

drystar_3000_C:\>
```

AUTOLOCK Data File

```
drystar_3000_C:\> type autolock.dat
01
^81-83,92
The OEM host has a positive and a negative video output.
Connect to the negative video output.
^9,17-21
When the 'multi-format' button on the console is pressed,
^10,26,28-32,38-39,67-68
When the 'copy right' button on the console is pressed,
^9,10,17-21,26,28-32,38-39,67-68
the OEM host switches from non-interlaced to interlaced video output
for a few seconds. Make sure that the 'Search video parameters' tool
starts running when output is interlaced.
cfr. VSI installation document, note on switching systems
^10,26,28-32,38-39,67-68
Tip : select the option with 4 images on the screen. With this option
```

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```
the output remains interlaced.

Always use the video signal coming from the RIGHT monitor for autolocking
(that one contains the medical image). If the left video needs a different
border setting, perform the following menu sequence :
_ Individual video parameter tuning tools
_ Recalibrate borders and/or grey levels
_ Recalibrate borders (extending current active window)
^783-786,787-799,804-806,809-812
If a Transicon is used, follow this procedure :
 If no external sync is used, perform this menu sequence first :
   _ Autolocking presets
   _ Halfline lockout
   _ Delay = linetime - 450 nsec
 Set Transicon OFF
 Search video parameters
 Set Transicon on maximum
 Now perform following menu sequence :
  _ Individual video parameter tuning tools
  _ Recalibrate borders and/or grey levels
  _ Recalibrate borders (extending current active window)
^787-797

Remark : selecting different zoom modes on this console produces video
 signals with different pixelclock frequencies. Autolock on the zoom
 mode which is most frequently used.
^813-815,824
The OEM host has a 50 Hz and 100 Hz video output. Connect to the 100 Hz output.
Use the 'STORE' button of your keypad instead of the hardcopy button on the
Siemens console for making print-outs.
^315-318,320-322,329-331,339-343,640-641,643,645
If autolocking fails, retry after performing following menu sequence :
 _ Autolocking presets
 _ Sync threshold
 _ Enter threshold setting   Enter choice : 200
^280-282,286-292,295-296,298,301-302
If autolocking fails, retry after performing following menu sequence :
 _ Autolocking presets
 _ Halfline lockout
 _ Delay = 3/4 linetime
^304
Although sync is also available on the green video output, use the signals
on Hsync and Vsync instead.
^end


drystar_3000_C:\> type wgt2_140.tbl
```

WGT2_140 Table

```
  0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 /* step=1 */
  0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 /* step=2 */
  0   0  -2  -8 -12 -18 -26 -28 -32 -36 -38 -38 -36 -32 -22 -16 /* step=2 */
  0  16  32  56  80  96 120 144 160 176 200 216 224 240 248 256 /* step=8 */
256 256 248 240 224 216 200 176 160 144 120  96  80  56  32  16 /* step=8 */
  0 -16 -22 -32 -36 -38 -38 -36 -32 -28 -26 -18 -12  -8  -2   0 /* step=2 */
```

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```
  0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 /* step=2 */
  0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 /* step=1 */
/* Sum of all columns must be 256 ! */

drystar_3000_C:\> type pms53615.idf
```

PMS53615 Image Display File

```
#
#       DICOM Print Management Service.
#       ===============================
#
# Image Display Format mapping file for DI3000 14INX14IN film.
#
# Version 1.3
#
#
# 14X14 - Portrait
# ----------------
#
14INX14IN\PORTRAIT\STANDARD\1,1      1611
14INX14IN\PORTRAIT\STANDARD\2,1      1612
14INX14IN\PORTRAIT\STANDARD\1,2      1621
14INX14IN\PORTRAIT\STANDARD\2,2      1622
14INX14IN\PORTRAIT\STANDARD\3,2      1623
14INX14IN\PORTRAIT\STANDARD\2,3      1632
14INX14IN\PORTRAIT\STANDARD\3,3      1633
14INX14IN\PORTRAIT\STANDARD\4,3      1634
14INX14IN\PORTRAIT\STANDARD\5,3      1635
14INX14IN\PORTRAIT\STANDARD\3,4      1643
14INX14IN\PORTRAIT\STANDARD\4,4      1644
14INX14IN\PORTRAIT\STANDARD\5,4      1645
14INX14IN\PORTRAIT\STANDARD\6,4      1646
14INX14IN\PORTRAIT\STANDARD\3,5      1653
14INX14IN\PORTRAIT\STANDARD\4,5      1654
14INX14IN\PORTRAIT\STANDARD\5,5      1655
14INX14IN\PORTRAIT\STANDARD\6,5      1656
14INX14IN\PORTRAIT\STANDARD\4,6      1664
14INX14IN\PORTRAIT\STANDARD\5,6      1665
14INX14IN\PORTRAIT\SUPERSLIDE        2613
14INX14IN\PORTRAIT\SLIDE             2614
drystar_3000_C:\>
```

PMS Image Display File

```
drystar_3000_C:\> TYPE PMS.IDF
# ----------------------------------------------------
# Description: Image Display Format mapping file
#              (MCL bitmap, LR 2100, LR 3300 layouts)
# ----------------------------------------------------
#
# 8X10 - Portrait                  AGFA ID
# ---------------                  -------
#
8INX10IN\PORTRAIT\STANDARD\1,1       1011
```

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```
8INX10IN\PORTRAIT\STANDARD\2,1       1012
8INX10IN\PORTRAIT\STANDARD\1,2       1021
8INX10IN\PORTRAIT\STANDARD\2,2       1022
8INX10IN\PORTRAIT\STANDARD\3,2       1023
8INX10IN\PORTRAIT\STANDARD\2,3       1032
8INX10IN\PORTRAIT\STANDARD\3,3       1033
8INX10IN\PORTRAIT\STANDARD\4,3       1034
8INX10IN\PORTRAIT\STANDARD\5,3       1035
8INX10IN\PORTRAIT\STANDARD\3,4       1043
8INX10IN\PORTRAIT\STANDARD\4,4       1044
8INX10IN\PORTRAIT\STANDARD\5,4       1045
8INX10IN\PORTRAIT\STANDARD\6,4       1046
8INX10IN\PORTRAIT\STANDARD\3,5       1053
8INX10IN\PORTRAIT\STANDARD\4,5       1054
8INX10IN\PORTRAIT\STANDARD\5,5       1055
8INX10IN\PORTRAIT\STANDARD\6,5       1056
8INX10IN\PORTRAIT\STANDARD\4,6       1064
8INX10IN\PORTRAIT\STANDARD\5,6       1065
#
# 8X10 - Landscape
# ----------------
#
8INX10IN\LANDSCAPE\STANDARD\1,1      1111
8INX10IN\LANDSCAPE\STANDARD\2,1      1112
8INX10IN\LANDSCAPE\STANDARD\1,2      1121
8INX10IN\LANDSCAPE\STANDARD\2,2      1122
8INX10IN\LANDSCAPE\STANDARD\3,2      1123
8INX10IN\LANDSCAPE\STANDARD\2,3      1132
8INX10IN\LANDSCAPE\STANDARD\3,3      1133
8INX10IN\LANDSCAPE\STANDARD\4,3      1134
8INX10IN\LANDSCAPE\STANDARD\5,3      1135
8INX10IN\LANDSCAPE\STANDARD\3,4      1143
8INX10IN\LANDSCAPE\STANDARD\4,4      1144
8INX10IN\LANDSCAPE\STANDARD\5,4      1145
8INX10IN\LANDSCAPE\STANDARD\6,4      1146
8INX10IN\LANDSCAPE\STANDARD\3,5      1153
8INX10IN\LANDSCAPE\STANDARD\4,5      1154
8INX10IN\LANDSCAPE\STANDARD\5,5      1155
8INX10IN\LANDSCAPE\STANDARD\6,5      1156
8INX10IN\LANDSCAPE\STANDARD\4,6      1164
8INX10IN\LANDSCAPE\STANDARD\5,6      1165
#
# 11X14 - Portrait
# ----------------
#
11INX14IN\PORTRAIT\STANDARD\1,1      1211
11INX14IN\PORTRAIT\STANDARD\2,1      1212
11INX14IN\PORTRAIT\STANDARD\1,2      1221
11INX14IN\PORTRAIT\STANDARD\2,2      1222
11INX14IN\PORTRAIT\STANDARD\3,2      1223
11INX14IN\PORTRAIT\STANDARD\2,3      1232
11INX14IN\PORTRAIT\STANDARD\3,3      1233
11INX14IN\PORTRAIT\STANDARD\4,3      1234
11INX14IN\PORTRAIT\STANDARD\5,3      1235
11INX14IN\PORTRAIT\STANDARD\3,4      1243
11INX14IN\PORTRAIT\STANDARD\4,4      1244
```

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```
11INX14IN\PORTRAIT\STANDARD\5,4      1245
11INX14IN\PORTRAIT\STANDARD\6,4      1246
11INX14IN\PORTRAIT\STANDARD\3,5      1253
11INX14IN\PORTRAIT\STANDARD\4,5      1254
11INX14IN\PORTRAIT\STANDARD\5,5      1255
11INX14IN\PORTRAIT\STANDARD\6,5      1256
11INX14IN\PORTRAIT\STANDARD\4,6      1264
11INX14IN\PORTRAIT\STANDARD\5,6      1265
#
# 11X14 - Landscape
# -----------------
#
11INX14IN\LANDSCAPE\STANDARD\1,1     1311
11INX14IN\LANDSCAPE\STANDARD\2,1     1312
11INX14IN\LANDSCAPE\STANDARD\1,2     1321
11INX14IN\LANDSCAPE\STANDARD\2,2     1322
11INX14IN\LANDSCAPE\STANDARD\3,2     1323
11INX14IN\LANDSCAPE\STANDARD\2,3     1332
11INX14IN\LANDSCAPE\STANDARD\3,3     1333
11INX14IN\LANDSCAPE\STANDARD\4,3     1334
11INX14IN\LANDSCAPE\STANDARD\5,3     1335
11INX14IN\LANDSCAPE\STANDARD\3,4     1343
11INX14IN\LANDSCAPE\STANDARD\4,4     1344
11INX14IN\LANDSCAPE\STANDARD\5,4     1345
11INX14IN\LANDSCAPE\STANDARD\6,4     1346
11INX14IN\LANDSCAPE\STANDARD\3,5     1353
11INX14IN\LANDSCAPE\STANDARD\4,5     1354
11INX14IN\LANDSCAPE\STANDARD\5,5     1355
11INX14IN\LANDSCAPE\STANDARD\6,5     1356
11INX14IN\LANDSCAPE\STANDARD\4,6     1364
11INX14IN\LANDSCAPE\STANDARD\5,6     1365
#
# 14X14 - Portrait
# ----------------
#
14INX14IN\PORTRAIT\STANDARD\1,1      1611
14INX14IN\PORTRAIT\STANDARD\2,1      1612
14INX14IN\PORTRAIT\STANDARD\1,2      1621
14INX14IN\PORTRAIT\STANDARD\2,2      1622
14INX14IN\PORTRAIT\STANDARD\3,2      1623
14INX14IN\PORTRAIT\STANDARD\2,3      1632
14INX14IN\PORTRAIT\STANDARD\3,3      1633
14INX14IN\PORTRAIT\STANDARD\4,3      1634
14INX14IN\PORTRAIT\STANDARD\5,3      1635
14INX14IN\PORTRAIT\STANDARD\3,4      1643
14INX14IN\PORTRAIT\STANDARD\4,4      1644
14INX14IN\PORTRAIT\STANDARD\5,4      1645
14INX14IN\PORTRAIT\STANDARD\6,4      1646
14INX14IN\PORTRAIT\STANDARD\3,5      1653
14INX14IN\PORTRAIT\STANDARD\4,5      1654
14INX14IN\PORTRAIT\STANDARD\5,5      1655
14INX14IN\PORTRAIT\STANDARD\6,5      1656
14INX14IN\PORTRAIT\STANDARD\4,6      1664
14INX14IN\PORTRAIT\STANDARD\5,6      1665
#
# 14X17 - Portrait
```

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```
# ----------------
#
14INX17IN\PORTRAIT\STANDARD\1,1      1411
14INX17IN\PORTRAIT\STANDARD\2,1      1412
14INX17IN\PORTRAIT\STANDARD\1,2      1421
14INX17IN\PORTRAIT\STANDARD\2,2      1422
14INX17IN\PORTRAIT\STANDARD\3,2      1423
14INX17IN\PORTRAIT\STANDARD\2,3      1432
14INX17IN\PORTRAIT\STANDARD\3,3      1433
14INX17IN\PORTRAIT\STANDARD\4,3      1434
14INX17IN\PORTRAIT\STANDARD\5,3      1435
14INX17IN\PORTRAIT\STANDARD\3,4      1443
14INX17IN\PORTRAIT\STANDARD\4,4      1444
14INX17IN\PORTRAIT\STANDARD\5,4      1445
14INX17IN\PORTRAIT\STANDARD\6,4      1446
14INX17IN\PORTRAIT\STANDARD\3,5      1453
14INX17IN\PORTRAIT\STANDARD\4,5      1454
14INX17IN\PORTRAIT\STANDARD\5,5      1455
14INX17IN\PORTRAIT\STANDARD\6,5      1456
14INX17IN\PORTRAIT\STANDARD\4,6      1464
14INX17IN\PORTRAIT\STANDARD\5,6      1465
#
# 14X17 - Landscape
# -----------------
#
14INX17IN\LANDSCAPE\STANDARD\1,1     1511
14INX17IN\LANDSCAPE\STANDARD\2,1     1512
14INX17IN\LANDSCAPE\STANDARD\1,2     1521
14INX17IN\LANDSCAPE\STANDARD\2,2     1522
14INX17IN\LANDSCAPE\STANDARD\3,2     1523
14INX17IN\LANDSCAPE\STANDARD\2,3     1532
14INX17IN\LANDSCAPE\STANDARD\3,3     1533
14INX17IN\LANDSCAPE\STANDARD\4,3     1534
14INX17IN\LANDSCAPE\STANDARD\5,3     1535
14INX17IN\LANDSCAPE\STANDARD\3,4     1543
14INX17IN\LANDSCAPE\STANDARD\4,4     1544
14INX17IN\LANDSCAPE\STANDARD\5,4     1545
14INX17IN\LANDSCAPE\STANDARD\6,4     1546
14INX17IN\LANDSCAPE\STANDARD\3,5     1553
14INX17IN\LANDSCAPE\STANDARD\4,5     1554
14INX17IN\LANDSCAPE\STANDARD\5,5     1555
14INX17IN\LANDSCAPE\STANDARD\6,5     1556
14INX17IN\LANDSCAPE\STANDARD\4,6     1564
14INX17IN\LANDSCAPE\STANDARD\5,6     1565
drystar_3000_C:\>

drystar_3000_C:\>
```

PMS_di Image Display File

```
drystar_3000_C:\> TYPE PMS_di.IDF
# ----------------------------------------------------
# Description: Image Display Format mapping file
#              (Drystar)
# ----------------------------------------------------
#
```

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```
# 8X10 - Portrait                  AGFA ID
# ---------------                  -------
#
8INX10IN\PORTRAIT\STANDARD\1,1       3011
8INX10IN\PORTRAIT\STANDARD\2,1       3012
8INX10IN\PORTRAIT\STANDARD\1,2       3021
8INX10IN\PORTRAIT\STANDARD\2,2       3022
8INX10IN\PORTRAIT\STANDARD\3,2       3023
8INX10IN\PORTRAIT\STANDARD\2,3       3032
8INX10IN\PORTRAIT\STANDARD\3,3       3033
8INX10IN\PORTRAIT\STANDARD\4,3       3034
8INX10IN\PORTRAIT\STANDARD\5,3       3035
8INX10IN\PORTRAIT\STANDARD\3,4       3043
8INX10IN\PORTRAIT\STANDARD\4,4       3044
8INX10IN\PORTRAIT\STANDARD\5,4       3045
8INX10IN\PORTRAIT\STANDARD\3,5       3053
8INX10IN\PORTRAIT\STANDARD\4,5       3054
#
# 8X10 - Landscape
# ----------------
#
8INX10IN\LANDSCAPE\STANDARD\1,1      3111
8INX10IN\LANDSCAPE\STANDARD\2,1      3112
8INX10IN\LANDSCAPE\STANDARD\1,2      3121
8INX10IN\LANDSCAPE\STANDARD\2,2      3122
8INX10IN\LANDSCAPE\STANDARD\3,2      3123
8INX10IN\LANDSCAPE\STANDARD\2,3      3132
8INX10IN\LANDSCAPE\STANDARD\3,3      3133
8INX10IN\LANDSCAPE\STANDARD\4,3      3134
8INX10IN\LANDSCAPE\STANDARD\5,3      3135
8INX10IN\LANDSCAPE\STANDARD\3,4      3143
8INX10IN\LANDSCAPE\STANDARD\4,4      3144
8INX10IN\LANDSCAPE\STANDARD\5,4      3145
8INX10IN\LANDSCAPE\STANDARD\3,5      3153
8INX10IN\LANDSCAPE\STANDARD\4,5      3154
drystar_3000_C:\>
```

VIC Program

```
drystar_3000_C:\> VIC
I am the master, VICid=02, com=10210000
VME board 1=1  type=8  mon=4.28  vic=02  reg6=00

Vic>
 Ready   : Check if other board is still there
 VMEint  : Test VME interrupt 1..7
 ICMSint : Test ICMS interrupts
 ICGSint : Test ICGS interrupts
 ALL     : Test all interrupts
 TRansfer: Measure VME bus transfer rate
```

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```
 A32loop : DMA A32 transfer (contiguous)
 A32dma  : DMA A32 transfer
 A24dma  : DMA A24 transfer
 MOVE16  : Transfer using move16
 VMERead : All slaves reads from master
 VMEWrite: All slaves writes to master
 LOCK    : Test VME locks with TAS instruction
 Bug     : Bug test for lock access
 RESet   : Reset VME and restart
 Quit    : Quit the program
Vic> ALL
Vic>
 Ready   : Check if other board is still there
 VMEint  : Test VME interrupt 1..7
 ICMSint : Test ICMS interrupts
 ICGSint : Test ICGS interrupts
 ALL     : Test all interrupts
 TRansfer: Measure VME bus transfer rate
 A32loop : DMA A32 transfer (contiguous)
 A32dma  : DMA A32 transfer
 A24dma  : DMA A24 transfer
 MOVE16  : Transfer using move16
 VMERead : All slaves reads from master
 VMEWrite: All slaves writes to master
 LOCK    : Test VME locks with TAS instruction
 Bug     : Bug test for lock access
 RESet   : Reset VME and restart
 Quit    : Quit the program
Vic> tr

drystar_3000_C:\> type engine/config/interact.par


;
; << AGFA DRYSTAR 3000 PRODUCTION-PHASE INTERACTIVE PARAMETERS >>
;
;               (assures downward-compatibility)
;
;      (changeable at run-time ... dd. 01-07-98 for v8.9)
;      --------------------------------------------------
;
; << HARDWARE PARAMETERS >>
;
   ACU_power_ipt             80      ;APPLIED POWER (in %,ipt)
   ACU_power_D              100      ;APPLIED POWER (in %,D)
   ACU_p_push_ipt           110      ;APPLIED POWER-PUSH (in sec,ipt)
   ACU_p_push_D             180      ;APPLIED POWER-PUSH (in sec,D)
   ACU_regulator              0      ;USAGE OF REGULATOR OR FIXED SETTING
   ACU_t_window              12      ;TEMPERATURE WINDOW (LO/HI,ipt,both)
   ACU_t_lo_win               5      ;TEMPERATURE WINDOW (LO,D-phase,mixed)
   ACU_t_hi_win               5      ;TEMPERATURE WINDOW (HI,D-phase,mixed)
   ACU_max_temp             150      ;MAX. TEMPERATURE TO USE
   ACU_k1_ipt               250      ;K1-CONTROLLING FACTOR (IPT-engine)
   ACU_k2_ipt                 4      ;K2-CONTROLLING FACTOR (IPT-engine)
   ACU_k1_D                 250      ;K1-CONTROLLING FACTOR (D-phase)
   ACU_k2_D                   3      ;K2-CONTROLLING FACTOR (D-phase)
```

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```
   ACU_t_prot_ipt            12      ;CURRENT-PROTECTION TIME-PERIOD (ipt)
   ACU_t_prot_D               0      ;CURRENT-PROTECTION TIME-PERIOD (D-phase)
   DEC_mot_type               0      ;MOTOR-TYPE (JS/MINI/CROUZET) (M2)
   DEC_mot_K1_ipt             0      ;1ST CONTROLLING-FACTOR (M2,ipt)
   DEC_mot_K2_ipt             0      ;2ND CONTROLLING-FACTOR (M2,ipt)
   DEC_mot_K1_D               0      ;1ST CONTROLLING-FACTOR (M2,D-phase)
   DEC_mot_K2_D               0      ;2ND CONTROLLING-FACTOR (M2,D-phase)
   DRUM_mot_K1                0      ;1ST CONTROLLING-FACTOR (x 100000) (M1,0=DE
F)
   DRUM_mot_K2             8190      ;2ND CONTROLLING-FACTOR (x 100000) (M1)
   DRUM_mot_K3            18750      ;3RD CONTROLLING-FACTOR (x 100000) (M1)
   DRUM_mot_K4           -95000      ;4TH CONTROLLING-FACTOR (x 100000) (M1)
   DRUM_mot_K5            93750      ;5TH CONTROLLING-FACTOR (x 100000) (M1)
   DRUM_sampling              0      ;LOAD-VALUE SAMPLING (x 100000) (M1)
   DRUM_encoder               3      ;DRUM-ENCODER SETUP (1..3)
                                     ;  1 : SET (A) 4000 PULSES
                                     ;  2 : SET (B) 1800 PULSES
                                     ;  3 : SET (C) 3000 PULSES
   MDM_lamp_stby             70      ;POWER OF TRANSMITTED LIGHT-BEAM (STBY)
   MDM_lamp_eff               0      ;OVERRULING TRANSMITTED LIGHT-BEAM POWER (E
FFECTIVE)
   DRAG_mot_K1          6500000      ;1ST CONTROLLING-FACTOR (x 100000) (M8)
   DRAG_mot_K2             8190      ;2ND CONTROLLING-FACTOR (x 100000) (M8)
   DRAG_mot_K3            18750      ;3RD CONTROLLING-FACTOR (x 100000) (M8)
   DRAG_mot_K4           -95000      ;4TH CONTROLLING-FACTOR (x 100000) (M8)
   DRAG_mot_K5            93750      ;5TH CONTROLLING-FACTOR (x 100000) (M8)
   TH_hs_cable_t           8000      ;BROKEN CABLE TEST - LIMITTEMPERATURE (mill
edegrees)
   cover_led_dc              30      ;COVER LED DUTY-CYCLE
   power_supply               3      ;POWER-SUPPLY TEST MODES
                                     ;  1 : MIN/MAX TESTING
                                     ;  2 : SET-UP VERIFY
   mot_tst_pulse              5      ;MOTOR-TESTS REQUIRED PULSE-COUNT (# counts
)
   mot_tst_poll              30      ;MOTOR-TESTS POLLING RATE (milleseconds)
   mot_tst_period          8000      ;MOTOR-TESTS TOTAL DURATION TIME (milliseco
nds)
   transp_period           6000      ;TRANSPORT M4/5-TESTS DURATION TIME (millis
econds)
   tha_rev_steps           1500      ;THA : INITIAL TEST-ROTATION (# steps)
   th_assy_lines             10      ;TH-ASSY. : CONNECTION TEST (# RM-lines)
;
; << ENGINE SET-UP / SPEEDS >>
;
   inp_module                 2      ;INPUT-MODULE PRESENT (0=NO,1=M4>M8,2-M8>M4
)
   out_module                 1      ;OUTPUT-MODULE INSTALLED
   acu_module                 7      ;DECURL-MODULE INSTALLED (MECH+1,CTRL+2,SAF
E+4)
   acu_mode                   0      ;DECURL-MODE (0=PEND LATER,1=WAIT FIRST)
   sheet_shaker               1      ;INPUT-TRAY SHEET ARRANGER
   shaker_pow                 4      ;APPLIED SHAKER POWER
   shaker_period              6      ;APPLIED SHAKER PERIOD
   shaker_pulses              3      ;APPLIED # SHAKER PULSES
   io_mod_test                0      ;ENABLE IO-MODULE TESTING (FAST I/O)
   prt_no_image               0      ;PRINT-RUN WITH INACTIVE TH / NO IMAGE-DATA
```

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```
   prt_cycle_tst              0      ;PRINT-CYCLE PRODUCTION TEST
   prt_no_mech                0      ;PRINTING (ACTIVE TH / NO MECHANICS)
   eng_no_checks              0      ;START-UP WITHOUT CHECKS OR INITS (ANTI_CUR
L/POSITIONING)
   fan_endless                0      ;ENDLESS TH-FAN ROTATION
   prt_endless                0      ;ENDLESS-PRINTING (EMI-TEST)
   no_lines                   0      ;NUMBER OF LINES TO PRINT
   multi_copy                 1      ;MULTI-COPY ENABLE
   piping                     1      ;SESSION-PIPING ENABLE (0=OFF,1=ENABLED)
   drive_rol_spd            100      ;SPEED FOR DRIVING ROLLERS (pwm %)
   close_rol_spd            100      ;SPEED FOR CLOSING ROLLERS (pwm %)
   input_speed              100      ;PICK-UP SHEET INPUT-SPEED (pwm %)
   inp_retries                3      ;PICK-UP NUMBER OF RETRIES
   drum_print                 0      ;DRUM-SPEED @ PRINT-TIME (um/s)
   drum_support            5000      ;DRUM SUPPORT-SPEED (um/s)
   drum_recycle               3      ;DRUM RECYCLE-MODE ENABLE
;                                        ( 1  = relative to last printed film
;                                          2  = checked at power-up )
   drum_lamb_spd          20000      ;DRUM LAMB-SIDE SPEED (um/s)
   drum_cal_spd            8000      ;DRUM CALIBRATION-SPEED (um/s)
   drum_cal_revs              6      ;DRUM CALIBRATION-REVOLUTIONS
   drum_cal_virg              3      ;DRUM CALIBRATION VIRGIN MEASUREMENT
   drum_cal_over              0      ;DRUM CALIBRATION-OVERRIDE (0=IDLE)
   drum_diam              35400      ;DRUM DIAMETER + FILM THICKNESS (MICROMETER
)
   dr_k_sp_14x17           1000      ;DRUM SPEED CONTROL FACTOR - 14X17 (x 1000)
   dr_k_sp_14x14           1000      ;DRUM SPEED CONTROL FACTOR - 14SX14 (x 1000
)
   dr_k_sp_11x14           1000      ;DRUM SPEED CONTROL FACTOR - 11X14 (x 1000)
   eject_speed              100      ;EJECTING-SPEED (pwm)
   decurl_speed               0      ;DECURL-SPEED (mm/s)
   rotate_decurl              0      ;DECURL-UNIT ROTATES DURING PRINT-RUN (PINH
OLES)
   ac_perm_speed             10      ;DECURL-MOTOR DECURL PERMANENT ROTATION SPE
ED
   unlock_power              70      ;RELAY UNLOCKING-POWER (pwm %)
   th_fan_cool              100      ;FAN SPEED (@ cooling-request)
   th_fan_prt                80      ;FAN SPEED (@ print-time)
   sep_feedback               0      ;SEPARATION/FEEDBACK MOTORS (1=sep,0=feedba
ck)
   feedback_pow              80      ;FEEDBACK-MOTOR POWER (pwm %)
   mobile                     1      ;US-VAN MOBILE LOCKING (+1=boot,+2=pow-down
)
   mdm_enable                63      ;ENABLE AUTO-MDM MECHANISM
;                                        ( 1  = primitive usage
;                                          2  = auto d(max)-control
;                                          4  = auto sensitometric control
;                                          8  = auto macro-control
;                                          16 = auto registration-control
;                                          32 = film-type recognition )
   mdm_edge_slow              6      ;MDM D(MAX) : EDGE MEASURING SPEED (see MDM
-spec.)
   mdm_edge_usfs_s           32      ;MDM D(MAX) : EDGE # MICROSTEPS/FULL-STEP (
slow,M9)
   mdm_full_slow              2      ;MDM D(MAX) : FULL MEASURING SPEED (see MDM
-spec.)
```

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```
   mdm_full_usfs_s           32      ;MDM D(MAX) : FULL # MICROSTEPS/FULL-STEP (
slow,M9)
   mdm_fast                   5      ;MDM D(MAX) : ALL POSITIONING SPEED (see MD
M-spec.)
   mdm_usfs_f                 8      ;MDM D(MAX) : ALL # MICROSTEPS/FULL-STEP (f
ast,M9)
   mdm_tha_spd                5      ;THA : MDM-POSITIONING SPEED (microstep-fre
q.)
   mdm_tha_ratio             32      ;THA : MDM MICROSTEP/FULLSTEP-RATIO (see sp
ec.)
   rdt_enable                 0      ;RDT-MODES ('DRAGON')
;                                     ;  0    = OFF
;                                     ;  1..5 = NO. TRAYS TO PRINT FROM
;                                     ;  6    = ENDLESS (copy-count)
;                                     ;  7    = ENDLESS (ignore empties)
   trans_walk                 0      ;SLOW TRANSPORT-SPEED (pwm %)
   trans_jog                  0      ;FAST TRANSPORT-SPEED (pwm %)
;
; << TIME-OUTS / TIMERS >>
;
   to_head_pos             4000      ;THERMAL-HEAD POS. TIME-OUT (ms)
   to_prt_ready          120000      ;TOTAL-INIT TIME-OUT (ms)
   to_in_hi_s9            12000      ;INPUT TIME-OUT (HEAD LEAVES TRAY) (ms)
                                     ;-----------------------------------------
-----
                                     ;NEXT SENSOR TIME-OUTS BASED ON DRUMSPEED 4
 MM/S
                                     ;          FOR MS-14x17 AND MS-14x14
                                     ;-----------------------------------------
-----
   to_in_hi_s10           10000      ;OUTPUT TIME-OUT (TOUCHING 1ST) (ms)
   to_out_hi_s6           46000      ;OUTPUT TIME-OUT (TOUCHING 2ND / DPT) (ms)
   to_in_lo_s9            65000      ;INPUT TIME-OUT (TAIL LEAVES TRAY) (ms)
                                     ;---------------------------
                                     ;END 4 MM/S SENSOR TIME-OUTS
                                     ;---------------------------
   to_out_lo_s10          65000      ;OUTPUT TIME-OUT (LEAVING 1ST) (ms)
   to_out_lo_s6           36000      ;OUTPUT TIME-OUT (LEAVING 2ND / DPT) (ms)
   to_out_hi_s11          25000      ;OUTPUT TIME-OUT (TOUCHING 2ND) (ms)
   to_out_lo_s11          25000      ;OUTPUT TIME-OUT (LEAVING 2ND) (ms)
   to_out_hi_s7            9000      ;OUTPUT TIME-OUT (TOUCH DECURL-EXIT / DPT)
(ms)
   to_out_lo_s7           25000      ;OUTPUT TIME-OUT (LEAVE DECURL-EXIT / DPT)
(ms)
   to_out_eject_stp        4750      ;OUTPUT TIME-OUT (EJECT->STOP @ 20 mm/s) (m
s)
   to_adc_meas             1500      ;ADC MEASUREMENT TIME-OUT (ms)
   to_inp_polling           150      ;INPUT-POLLING TIME-OUT (ms)
   to_ms_polling            240      ;MS-POLLING TIME-OUT (seconds)
   to_ac_heat            720000      ;INITIAL WARMING-UP TIMER (ms)
   to_ac_reentry         540000      ;TIME-OUT PROVIDED FOR WINDOW-REENTRY (ms)
   timer_ac_safe             60      ;AUTO-SWITCH OFF FOR AC-UNIT (min)
   timer_th_print          2340      ;PRINT-POSITION OF THERMAL-HEAD (ms)
   delay_m3_pre_prt           0      ;TIME TO ELAPS BEFORE GOING TO PRE-PRINT PO
SITION
   dynam_m3_pre_prt         900      ;TUNING WHILE DYNAMICALLY GOING TO PRE-PRIN
```

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```
T POSITION
   delay_m1_prt               0      ;TIME TO ELAPS AFTER DRUM'S PRINT-ROTATION
                                     ;START TO EFFECTIVE PRINT-START (ms)
   delay_m4_pick_up       10000      ;TIME ALLOWED AFTER S9 FOR AUTO PICK-UP (ms
)
                                     ;NO AUTO CAN-REPLIES SUPPORTED
   open_m4_input            600      ;STOP M4 BACKWARDS 'ROLLER-OPENING'-DELAY (
ms)
   open_m5_output           600      ;STOP M5 BWD 'ROLLER-OPENING'-DELAY (ms)
   open_m7_input            600      ;STOP M7 BACKWARDS 'ROLLER-OPENING'-DELAY (
ms)
   close_m8_input           400      ;STOP M8 FORWARDS 'ROLLER-CLOSING'-DELAY (m
s)
   close_roller             500      ;REMAINING ROLLERS 'CLOSING'-DELAY (ms)
   delay_m1_stop              0      ;M1 & IM-END : DELAY BEFORE STOPPING DRUMMO
TOR (ms)
                                     ;ALSO USED WHEN PERFORMING A NON-PRINT SESS
ION
   delay_m3_home              0      ;M3 & IM-END : DELAY BEFORE HOME POS. (ms)
   delay_ipt_m5            1150      ;START M5 BWD 'ROLLER-OPENING'-DELAY @ DECU
RLING (IPT,ms)
   delay_dph_m5            1400      ;START M5 BWD 'ROLLER-OPENING'-DELAY @ DECU
RLING (D-phase,ms)
   timer_thv_reg          60000      ;TIME-OUT : AUTO VOLTAGE-REGULATION (ms)
   to_rm_early_aic         1000      ;TIME-OUT : AIC FINISHES EARLIER THAN COS[E
OI] (ms)
   to_rm_aic_end           1000      ;TIME-OUT FROM RM-EOI TO AIC-END (ms)
   timer_rm_cool             60      ;TIMER FOR EXTRA COOLING WHEN STARTING RM (
sec)
   to_inp_dr_rev              0      ;TIME-OUT FROM DRUM-REVERSE @ INPUT-TIME (m
s)
   to_inp_shake            1750      ;TIME-OUT FROM INPUT-END TO SHAKE (0=OFF) (
ms)
   to_inp_sep                 5      ;TIME-OUT FROM INPUT-END TO SEPARATE (0=OFF
) (ms)
   to_inp_feedb            1300      ;ACTIVE TIME-PERIOD FOR FEEDING BACK (ms)
   sensor_jitter           2000      ;TOLERABLE/RECOVERABLE SENSOR-JITTER (ms)
   cover_unlock               3      ;COVER-UNLOCKING RELAY-TIMER (sec)
   dr_recal_pow              15      ;DRUM-RECALIBRATION TIMER FOR POWER-DOWN (m
in)
   dr_recal_prt              60      ;DRUM-RECALIBRATION TIMER FOR PRINTER-IDLE
(min)
   dr_lamb_side               0      ;DRUM POSITIONING TO OVERCOME LAMB-SIDE EFF
ECT (ms)
   dr_s8_ref_pos              0      ;DRUM-PRODUCTION REF. <-> S8 (HOME) (ms)
   dr_s8_ref_to               0      ;TIME-OUT FOR DRUM_HOME @ PRT-START (ms)
   mdm_init_home             40      ;TIME-PERIOD ALLOWED FOR MOVING MDM-HOME (b
oot) (sec)
   cos_buffer_to           2000      ;COS-BUFFER CONSUMPTION TIME-OUT (ms)
   delay_next_prt             0      ;DELAY BEFORE STARTING PIPED PRINT-SESSION
(ms)
   dragon_pos            900000      ;RAIL-MOTOR POSITIONING (RDT) (ms)
   to_mobile_pos           4000      ;THERMAL-HEAD MOBILE-ASSY. TIME-OUT (ms)
   timer_var                  0      ;MULTI-PURPOSE TEST-TIMER (ms)
;
; << POSITION MARKERS >>
```

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```
;
   pu_enc_sep                45      ;M4 # ENCODER-PULSES IF SEPARATION INSTALLE
D
   pu_enc_feed_ipt           47      ;M4 # ENCODER-PULSES (ipt) IF FEEDBACK INST
ALLED
   pu_enc_feed_D             40      ;M4 # ENCODER-PULSES (D) IF FEEDBACK INSTAL
LED
   pu_enc_feed_TH            38      ;M4 # ENCODER-PULSES (D) @ TH-PROD. ENGINES
   pu_enc_14x8               55      ;REVERSED FEEDBACK # ENCODER-PULSES (D) @ P
RO 14x8
   prt_enc_pulses           300      ;M1 PRINT-START (SYNC) OFFSET (um)
   pre_prt_lines             99      ;M3 INSTANCE PRE-PRINT->PRINT (# lines)
;                                      (NOTE TIME TO REACH PRINT-POSITION : 400
MS)
   piping_lines            5175      ;LINE-NUMBER > NEXT PIPED-FILM (# lines)
   m5_close_enc_ipt           0      ;# PULSES FOR CLOSING THE M5-ROLLERS (ipt)
   m5_close_enc_D             0      ;# PULSES FOR CLOSING THE M5-ROLLERS (D-pha
se)
   sheet_m5_mdm              85      ;POSITION M5 FOR MDM SENS/FULL-MEASUREMENT
(# pulses)
   mdm_dmax_edge          31000      ;MDM EDGE  : START OF UNPRINTED-AREA MEAS.
(um)
   mdm_dmax_start          8000      ;MDM EDGE  : START OF BLACK-AREA MEAS. (um)
   mdm_dmax_end            7000      ;MDM EDGE  : END OF BLACK-AREA MEAS. (um)
   mdm_full_edge          31000      ;MDM FULL  : START OF UNPRINTED-AREA MEAS.
(um)
   mdm_full_start          8000      ;MDM FULL  : START OF BLACK-AREA MEAS. (um)
   mdm_full_end          354000      ;MDM FULL  : END OF BLACK-AREA MEAS. (um)
   mdm_calib_edge         31000      ;MDM CALIB : START OF UNPRINTED-AREA MEAS.
(um)
   mdm_calib_start         8000      ;MDM CALIB : START OF BLACK-AREA MEAS. (um)
   mdm_calib_end         315000      ;MDM CALIB : END OF BLACK-AREA MEAS. (um)
   tha_cycle_tol             10      ;TH-ARRAY  : PRODUCTION CYCLE-TOLERANCE (fu
llsteps)
;
; << CONSUMABLES / PROCESS / LUTS >>
;
   te_min                 25000      ;MINIMAL DIFFUSION TEMPERATURE (mC)
   strobe_path                1      ;STROBE PATH ENABLE (0=OFF/1=ON)
   ts_on                  12560      ;STROBE TIME (ns)
   v_comp                     1      ;V-COMPENSATION ENABLE (0=OFF/1=ON)
   t_comp                     1      ;T-COMPENSATION ENABLE (0=OFF/1=ON)
   power_comp                 1      ;POWER-COMPENSATION ENABLE (0=OFF/1=ON)
   data_path                  1      ;DATA PATH ENABLE (0=OFF/1=ON)
   data_comp                  1      ;DATA COMPENSATION ENABLE (0=OFF/1=ON)
   r_comp                     1      ;R-COMPENSATION ENABLE (0=OFF/1=ON)
   p_comp                     1      ;P-COMPENSATION ENABLE (0=OFF/1=ON)
   n_comp                     1      ;N-COMPENSATION ENABLE (0=OFF/1=ON)
   s_comp                     1      ;S-COMPENSATION ENABLE (0=OFF/1=ON)
   thermal_model              1      ;THERMAL MODEL ENABLE (0=OFF/1=ON/2=CFG/3=F
ILE)
   prt_max_hs_t           60000      ;PRINT-START MAX. HEATSINK-TEMP. (mCel)
   prt_min_hs_t           10000      ;WARNING-MESSAGE MIN. HEATSINK-TEMP. (mCel)
   prt_max_dr_t           45000      ;WARNING-MESSAGE MAX. TEMP. FOR DRUM (mCel)
   prt_min_dr_t            5000      ;WARNING-MESSAGE MIN. TEMP. FOR DRUM (mCel)
   t_hs_freeze                0      ;HEATSINK-TEMP. CONSTANT AFTER 1ST READ-OUT
```

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```
 (@PRT)
   t_dr_freeze                1      ;DRUM-TEMPERATURE CONSTANT AFTER 1ST READ-O
UT (@PRT)
   t_dr_simul                 0      ;DRUM-TEMPERATURE SIMULATION (MILLIDEGREES)
   t_hs_1_simul               0      ;HEATSINK-TEMPERATURE SIMULATION (millidegr
ees)
   t_hs_2_simul               0      ;HEATSINK-TEMPERATURE SIMULATION (millidegr
ees)
   t_hs_3_simul               0      ;HEATSINK-TEMPERATURE SIMULATION (millidegr
ees)
   t_hs_4_simul               0      ;HEATSINK-TEMPERATURE SIMULATION (millidegr
ees)
   t_hs_5_simul               0      ;HEATSINK-TEMPERATURE SIMULATION (millidegr
ees)
   acc_dmax_ref             300      ;CURRENT FILMTYPE D(MAX)-REFERENCE (in poin
ts)
   blue_dmin                 16      ;BLUE-BASE FILM D(MIN) MDM-REFERENCE (in po
ints)
   clear_dmin                 6      ;CLEAR-BASE FILM D(MIN) MDM-REFERENCE (in p
oints)
   volt_change             1000      ;VOLTAGE CHANGE BEFORE NEW SETUP (in milliv
olts)
;
; << IMAGE-CONTROLS >>
;
   file                       1      ;DISK PRINTING
   flatfield                  0      ;FLATFIELD PRINTING
   diagonal                   0      ;DIAGONAL PRINTING
   rm_diag                    0      ;RM-DIAGONAL PRINTING (+NEIGHBOURS)
   rm_line                    0      ;RM-PRINTING (VERTICAL)
   tha_li_pre_h            1500      ;TH-ARRAY : NUMBER OF PRE-HEAT LINES
   tha_da_pre_h             800      ;TH-ARRAY : PRE-HEAT PIXEL-DATA
   tha_li_rect              620      ;TH-ARRAY : NUMBER OF LINES/RECTANGLE
;
; << LOGGING-CONTROLS >>
;
   LOG_seq                    7      ;ENABLE SEQUENCE-LOGGING (1 = input
;                                                              2 = printing
;                                                              4 = output
;                                                              8 = mdm)
   LOG_stage                  0      ;ENABLE STAGE-BREAK SUPPORT
   LOG_queue                  3      ;ENABLE QUEUE-LOG (1 = error-queue
;                                                     2 = engine-queue
;                                                     4 = print-queue)
   LOG_device                 1      ;ENABLE DEV-LOGGING (1 = motors
;                                                       2 = fans
;                                                       4 = anti-curl unit)
   LOG_poll                   0      ;ENABLE POLLING-LOGGING (1 = structure
;                                                             2 = detail
;                                                             4 = debug
;                                                             8 = drum)
   LOG_drv                    1      ;ENABLE DRIVER-LOGGING (1 = general
;                                                            2 = Q-sending)
   LOG_tim                    0      ;ENABLE TIMER-LOGGING (1 = queue
;                                                           2 = debug)
   LOG_status                 2      ;ENABLE STATUS-LOGGING (1 = code
```

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```
;                                                          2 = flags
;                                                          4 = efg-group)
   LOG_cos                  0      ;ENABLE DEBUG-LOGGING (1 = receiving
;                                                         2 = transmitting
;                                                         4 = setup
;                                                         8 = printing)
   LOG_screen               0      ;ENABLE DEBUG-LOGGING (1 = sensor-states
;                                                         2 = sequence
;                                                         4 = control-markers)

   LOG_shell                0      ;ENABLE SHELL-LOGGING
   LOG_deb                  0      ;ENABLE DEBUG-LOGGING (1 = temperature-moni
tor
;                                                         2 = sequence
;                                                         4 = measurements
;                                                         8 = general
;                                                        16 = print)
drystar_3000_C:\>
```

Local Drive D Files

```
drystar_3000_C:\> dir d:

  Directory=D:\   files=*   label=VOLUME_1
  Filename                 size       date        time    attributes
  ---------------------------------------------------------------------
  577.SES                596059   20-AUG-2003  14:28:28   rwx
  578.SES                212782   20-AUG-2003  14:35:02   rwx
  579.SES                664569   21-AUG-2003   5:28:32   rwx
  580.SES                359394   21-AUG-2003   9:35:50   rwx
  581.SES                324974   21-AUG-2003   9:36:46   rwx
  582.SES                204733   21-AUG-2003  11:30:30   rwx
  ADR3000.PMS                27   14-JUL-1998  10:50:38   rwx
  AGFA-INV.TIF            20162   27-JAN-1998  10:08:42   rwx
  AGFA.TIF                 1628   27-JAN-1998  10:08:46   rwx
  AOS.LOG               2129920   21-AUG-2003  11:37:54   rwx
  ARTXXX00.U00               440   20-AUG-2003   9:19:10   rwx
  BACK                     32768   24-FEB-1999  15:00:08   rwx  directory
  BACKUP                   32768   16-SEP-1998  13:32:46   rwx  directory
  BMDXXX31.BAK                48   28-JUL-2000  13:34:22   rwx
  CALIB.TIF                14700   24-FEB-1998  12:59:54   rwx
  CHECKFIL.NEW              3084   27-JAN-1999  13:13:56   rwx
  CHECKFIL.SUM              2967   16-SEP-1998  12:19:22   rwx
  CPDXXX11.U00                46   21-AUG-2003  11:39:36   rwx
  CPEXXX11.U00                44   20-JAN-1998  11:18:02   rwx
  CST_01.PMS                  16   10-SEP-1998  11:55:20   rwx
  CST_02.PMS                  16   10-SEP-1998  11:55:24   rwx
  CST_03.PMS                  16   10-SEP-1998  11:55:26   rwx
  CST_04.PMS                  16   10-SEP-1998  11:55:28   rwx
  CST_05.PMS                  16   10-SEP-1998  11:55:30   rwx
  CST_06.PMS                  16   10-SEP-1998  11:55:32   rwx
  CST_07.PMS                  16   10-SEP-1998  11:55:34   rwx
  CST_08.PMS                  16   10-SEP-1998  11:55:36   rwx
  CST_09.PMS                  16   10-SEP-1998  11:55:38   rwx
  CST_10.PMS                  17   10-SEP-1998  11:55:40   rwx
```

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```
CST_11.PMS                  17   10-SEP-1998  11:55:42   rwx
CST_12.PMS                  17   10-SEP-1998  11:55:44   rwx
CST_13.PMS                  17   10-SEP-1998  11:55:46   rwx
CST_14.PMS                  17   10-SEP-1998  11:55:48   rwx
CST_15.PMS                  17   10-SEP-1998  11:55:50   rwx
CST_16.PMS                  17   10-SEP-1998  11:55:52   rwx
CST_17.PMS                  17   10-SEP-1998  11:55:54   rwx
CST_18.PMS                  17   10-SEP-1998  11:55:56   rwx
CST_19.PMS                  17   10-SEP-1998  11:55:58   rwx
CST_20.PMS                  17   10-SEP-1998  11:56:00   rwx
DI3                      32768   24-FEB-1999  15:09:16   rwx  directory
DI3_B.TIF                11296    7-NOV-1996  14:53:56   rwx
DSPXXX11.U00                36   20-JAN-1998  11:18:44   rwx
ENGINE                   32768   16-SEP-1998  13:32:36   rwx  directory
EVALSET1.TXT                92    4-APR-1997  14:01:08   rwx
EVALSET2.TXT                23    4-APR-1997  14:01:20   rwx
EVALSET3.TXT               143    4-APR-1997  14:01:52   rwx
EVALSET4.TXT                92    4-APR-1997  14:02:20   rwx
EVALSET5.TXT               224    4-APR-1997  14:03:00   rwx
EVALSET6.TXT                73   26-OKT-1998  14:49:44   rwx
EVALSET7.TXT                70   12-FEB-1999  14:00:02   rwx
IMG.TIF                  78056   10-FEB-1997  12:31:18   rwx
INFCOUNT.TXT              8521   28-JUL-2000  14:00:52   rwx
INFXXX30.U00               554   28-JUL-2000  14:03:44   rwx
LCDXXX01.U00                64   13-DEC-1999  12:33:48   rwx
LIST.TXT                   170   25-MAY-1999  16:39:44   rwx
MFRXXX02.U00                40   13-DEC-1999  14:18:14   rwx
MNUXXX01.U00              4804   13-DEC-1999  12:35:06   rwx
MNUXXX02.U00              3569   13-DEC-1999  14:02:30   rwx
MNUXXX03.U00                37    3-JUN-1999  18:49:08   rwx
NIL                         50   20-AUG-2003  10:30:28   rwx
NIPLUT09.CMG              4520   14-JUN-1999  20:37:58   rwx
NIPLUT13.CMG             65960   13-DEC-1999  13:51:30   rwx
NIPLUT17.CMG           1049000   25-FEB-1999  10:48:38   rwx
NIPXXX11.U00                33   20-JAN-1998  14:10:42   rwx
NUL                         43   28-JUL-2000  13:28:30   rwx
PHEV.PMS                    99   27-APR-1998  13:40:16   rwx
POWDOWN.SYS              32768   21-AUG-2003  11:37:38   rwx
RESET.TXT                   14   21-NOV-1996  16:45:40   rwx
RGBCONF                  32768   24-FEB-1999  15:10:16   rwx  directory
RL                       32768   16-SEP-1998  13:32:38   rwx  directory
SERIES                   32768   16-SEP-1998  13:32:38   rwx  directory
SERIES.TXT                 140    9-APR-1997  10:25:30   rwx
SIEMENS.PMS                 75   23-MAR-1998  16:13:52   rwx
SIRECLIN.PMS               148    8-SEP-1998  11:17:36   rwx
SIRECNEG.PMS               167    8-SEP-1998  11:17:40   rwx
SIRECPOS.PMS               169    8-SEP-1998  11:17:44   rwx
SPRXXX11.U00                49   20-JAN-1998  17:54:48   rwx
TEST.SUM                  2967   16-SEP-1998  12:19:22   rwx
TEST_BW                  32768   14-JUN-1999  18:46:00   rwx  directory
TEST_TMP                 32768   16-SEP-1998  13:32:46   rwx  directory
VSIXXX01.U00               380   25-MAY-1999  21:33:48   rwx
VSIXXX03.U00               404    3-JUN-1999  18:39:14   rwx

Total of 82 files, 6095670 bytes
```

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```
drystar_3000_C:\>
```

ARTXXX00.U00 File

```
dryst3_C:\> type d:artxxx00.u00
00
art_dest 0
apip_dest "DRYSTAR_3000"
inet_addr "192.168.001.100"
hostname "dryst3"
art_dest 1
apip_dest "DRYSTAR_3000"
inet_addr "192.168.001.100"
hostname "dryst3"
art_dest 2
apip_dest "DRYSTAR_2000"
available 1
dest_type 5358
hostname "dryst2"
art_dest 3
apip_dest ""
inet_addr ""
art_dest 4
apip_dest ""
inet_addr ""
art_dest 5
apip_dest ""
inet_addr ""
art_dest 6
apip_dest ""
inet_addr ""
dryst3_C:\> type pms_3xx.idf

#
#       DICOM Print Management Service.
#       ===============================
#
# Image Display Format mapping file.
#
# @(#)pms.idf   1.1 2/17/94
#
# 8X10 - Portrait                     AGFA ID
# ---------------                     -------
# RECTANGULAR IMAGE BOXES
8INX10IN\PORTRAIT\STANDARD\1,1          300
8INX10IN\PORTRAIT\STANDARD\1,2          302
8INX10IN\PORTRAIT\STANDARD\2,2          303
8INX10IN\PORTRAIT\STANDARD\2,3          305
8INX10IN\PORTRAIT\STANDARD\3,3          306
8INX10IN\PORTRAIT\STANDARD\4,6          308
#
# SQUARE IMAGE BOXES
# 8INX10IN\PORTRAIT\STANDARD\1,1          100
# 8INX10IN\PORTRAIT\STANDARD\1,2          101
# 8INX10IN\PORTRAIT\STANDARD\2,2          102
# 8INX10IN\PORTRAIT\STANDARD\2,3          103
```

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```
# 8INX10IN\PORTRAIT\STANDARD\3,3          104
# 8INX10IN\PORTRAIT\STANDARD\4,5          106
#
#
# 8X10 - Landscape
# ----------------
#
8INX10IN\LANDSCAPE\STANDARD\1,1         301
8INX10IN\LANDSCAPE\STANDARD\2,2         304
8INX10IN\LANDSCAPE\STANDARD\3,3         307
#
# 11X14 - Portrait
# ----------------
#
11INX14IN\PORTRAIT\STANDARD\1,2         322
11INX14IN\PORTRAIT\STANDARD\2,3         325
#
# 11X14 - Landscape
# -----------------
#
11INX14IN\LANDSCAPE\STANDARD\1,1        320
11INX14IN\LANDSCAPE\STANDARD\2,1        321
11INX14IN\LANDSCAPE\STANDARD\2,2        323
11INX14IN\LANDSCAPE\STANDARD\3,2        324
11INX14IN\LANDSCAPE\STANDARD\3,3        326
11INX14IN\LANDSCAPE\STANDARD\4,3        327
11INX14IN\LANDSCAPE\STANDARD\4,4        328
11INX14IN\LANDSCAPE\ROW\4,4,2           330
11INX14IN\LANDSCAPE\ROW\3,2             329
#
# 14X14 - Portrait
# ----------------
#
14INX14IN\PORTRAIT\STANDARD\1,1         345
14INX14IN\PORTRAIT\STANDARD\1,2         346
14INX14IN\PORTRAIT\STANDARD\2,2         347
14INX14IN\PORTRAIT\STANDARD\3,3         348
14INX14IN\PORTRAIT\STANDARD\3,4         349
14INX14IN\PORTRAIT\STANDARD\4,5         350
14INX14IN\PORTRAIT\ROW\4,4,4,2          351
14INX14IN\PORTRAIT\ROW\4,4,1            352
14INX14IN\PORTRAIT\ROW\3,3,2            353
#
# 14X14 - Landscape
# -----------------
#
14INX14IN\LANDSCAPE\STANDARD\2,1        354
#
# 14X17 - Portrait
# ----------------
#
14INX17IN\PORTRAIT\STANDARD\1,1         370
14INX17IN\PORTRAIT\STANDARD\1,2         372
14INX17IN\PORTRAIT\STANDARD\2,2         373
14INX17IN\PORTRAIT\STANDARD\2,3         375
14INX17IN\PORTRAIT\STANDARD\3,3         376
```

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```
14INX17IN\PORTRAIT\STANDARD\3,4         378
14INX17IN\PORTRAIT\STANDARD\3,5         379
14INX17IN\PORTRAIT\STANDARD\4,6         380
14INX17IN\PORTRAIT\ROW\3,3,3,2          381
14INX17IN\PORTRAIT\ROW\3,3,1            382
14INX17IN\PORTRAIT\ROW\4,4,4,1          383
# SQUARE IMAGE BOXES
# 14INX17IN\PORTRAIT\STANDARD\1,1         170
# 14INX17IN\PORTRAIT\STANDARD\1,2         171
# 14INX17IN\PORTRAIT\STANDARD\2,2         172
# 14INX17IN\PORTRAIT\STANDARD\2,3         173
# 14INX17IN\PORTRAIT\STANDARD\3,4         174
#
#
# 14X17 - Landscape
# -----------------
#
14INX17IN\LANDSCAPE\STANDARD\1,1        371
14INX17IN\LANDSCAPE\STANDARD\2,2        374
14INX17IN\LANDSCAPE\STANDARD\3,3        377
dryst3_C:\>
```

```
dryst3_C:\> type pmscfg.doc
=FOOT_LEFT:ADONIS
=doc release
1 PMS.INI

2 Introduction

A mechanism was required to allow an SCU dependend configuration of the
PMS component. The configuration is per Calling AE Title.
Seperate Calling AE Titles may use the same configuration file. When
no Calling AE Title exists for an SCU, the default PMS configuration is
used. There is only one PMS.INI file per MG3000/DryStar system. The
PMS.INI file must reside on the D: partition and is called PMS.INI .


2 Definition

The file PMS.INI contains sections referring to a "Calling AE Title".
A section contains lines consisting of an attribute and a value.

3 Sections

A section is identified by an opening bracket '[' at the beginning of a line,
```

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the section name and a closing bracket ']' .
The section name has to comply with the rules defined for "Calling AE Title"
in DICOM 3.0 .

3 Attributes

Defined attributes are:
IDF =
CFG =

4 IDF

Set to the name of an Image Display Format (or .IDF) file.
The syntax of such a .IDF file is explained in the conformance statement of PMS.
An .IDF file is used to translate a combination of Film Size, Image Display
Format and Film Orientation to an AGFA layout id. Film Size, Image Display
Format and Film Orientation are DICOM 3.0 attributes.
When the attribute is absent, the file PMS.IDF is used for MG3000,
the file PMS_DI.IDF is used for DryStar.

4 CFG

Set to the name of an NVF formatted configuration file. The syntax of an
NVF file is explained in the nvfrels.doc file. The version number to be
set in the CFG file is 00. The nvf variables in the CFG file are the ones from
the PMS configuration table. The extension of the CFG file is .PMS
The DCM configurator program running on PC helps you to create such a file.
When the attribute is absent, the default PMS configuration is applied.

2 Example PMS.INI file

```
[CT SCANNER]
IDF = C:/PMS.IDF
CFG = D:/CT.PMS

[MR SCANNER 1]
CFG = D:/MR.PMS

[MR SCANNER 2]
IDF = C:/MRSCAN2.IDF
CFG = D:/MR.PMS
```

1 PMS Configuration Table

2 local_port

=Description:
This parameter defines the TCP/IP port number to be used by the PMS component.
The port number should also be used on the Client (Host) to establish a
connection to the MG3000.
The default value is the "well known" port number 104 registered for use by th
e
Dicom Upper Layer Protocol.
The port number has to be the same for all associations of PMS.

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```
  NOTE: This parameter cannot be set per SCU Calling AE Title.

=Example:
  Required Setting              NVF Entry
  ----------------              ---------
  Use TCP/IP port               local_port 104
  104


2 pms_reject
  When this parameter is set to a value different from 0, (ZERO) then a
  extra task is launched to reject incoming association requests when all
  available tasks are busy handling an established association.

=Example:
  Required Setting              NVF Entry
  ----------------              ---------
  PMS reject 1                  pms_reject 1

  NOTE: This parameter cannot be set per SCU Calling AE Title.


2 mms_pms

=Description:
  This parameter is used to define the minimum number of MMS blocks required by
  the PMS component to function properly. The values define the number of HEADER
,
  CONTROL, IMAGE and 'SMALL' CONTROL blocks.

  NOTE: This parameter cannot be set per SCU Calling AE Title.

=Example:
  Required Setting              NVF Entry
  ----------------              ---------
  10 Headers                    mms_pms 10 3 2 10
  3  Control Blocks
  2  Image Blocks
  10 Small Control Blocks


2 max_pdu_length

=Description:
  This parameter defines the MAXIMUM length of message (Protocol Data Unit - PDU
)
  that the DICOM Upper Layer Protocol can receive in the PMS component. It shoul
d
  be set to the maximum size of an MMS IMAGE block.
  The value is expressed in bytes.

  NOTE: This parameter should NOT be modified. The software will ensure that the
        PDU length is always in the range 8Kb <= PDU length <= 64Kb.


  NOTE: This parameter cannot be set per SCU Calling AE Title.
```

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```
=Example:
  Required Setting              NVF Entry
  ----------------              ---------
  Max MMS IMAGE size            max_pdu_length 65536
  is 64Kb


2 extra_logging

=Description:
  This parameter enables the logging of the underlying DTF facilities.
  This might help to clarify unpredicted behaviour of the DTF library.
  The DTF library is the DICOM 3.0 basic software.


  NOTE: This parameter cannot be set per SCU Calling AE Title.

=Example:
  Required Setting              NVF Entry
  ----------------              ---------
  No DTF  debug                 extra_logging 0
  Extra DTF  debug              extra_logging 1


2 media_sizes

=Description:
  This parameter is used to define the media sizes used by the PMS Module.
  The selection of film formats or paper formats can only be made from the
  media (film/paper) sizes actually used by the Hospital.

  The parameter is defined by adding together the defined values for each media
  size used (one bit is used per media size).

  The media size and parameter values are:

                 8*10" film     1
                10*14" film     2
                11*14" film     4
                14*14" film     8
                14*17" film     16
                A4 paper        32
                A3 paper        64

  The default value allows all media sizes to be selected, but be aware that
  media sizes may be chosen that are not used by the Hospital, and this will
  lead to print jobs remaining in the job queue forever!!!

  NOTE: This parameter cannot be set per SCU Calling AE Title.

=Example:
  Required Setting              NVF Entry
  ----------------              ---------
  14*17" film only              media_size 16
```

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```
   8*10" and                    media_size 9
  14*14"

  A4 paper only                 media_size 32


2 modality

=Description:
  This parameter is used to define the connected modality type. This is
  parameter is written into the folder to indicate the type of device used
  to generate the medical data.

  The examples indicate the modalities defined by DICOM 3.0 :

=Example:
  Required Setting                      NVF Entry
  ----------------                      ---------
  AGFA MATRIX                           "AM" - not an official value !!
  Computed Radiography                  "CR"
  Computed Tomography                   "CT"
  Digital Subtraction Angiography       "DS"
  Magnetic Resonance                    "MR"
  Nuclear Medicine                      "NM"
  Ultrasound                            "US"

  Angioscopy                            "AS"
  Biomagnetic Imaging                   "BI"
  Color Flow Doppler                    "CD"
  Cinefluorography                      "CF"
  Culposcopy                            "CP"
  Cystoscopy                            "CS"
  Duplex Doppler                        "DD"
  Digital Fluoroscopy                   "DF"
  Diaphanography                        "DG"
  Digital Microscopy                    "DM"
  Echocardiography                      "EC"
  Endoscopy                             "ES"
  Fluorescein Angiography               "FA"
  Fundoscopy                            "FS"
  Laparoscopy                           "LP"
  Laser Surface Scan                    "LS"
  Magnetic Resonance Angiography        "MA"
  Magnetic Resonance Spectroscopy       "MS"
  Other                                 "OT"
  Positron Emission Tomography          "PT"
  Radiographic Imaging                  "RG"
  Single-Photon Emission CT             "ST"
  Thermography                          "TG"
  Videofluorography                     "VF"

=Example:
  Required Setting              NVF Entry
  ----------------              ---------
  CT Host                       modality "CT"
```

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```
=See also:
  patient_id_stem


2 patient_id_stem

=Description:
  This parameter allows the user to define the patient id stem for the default
  patient identifier. This default patient identifier takes the following form :

        mmffYMMDDHHMMSS

  where mm = connected modality (see modality above)
        ff = free-format (2 characters - patient_id_stem)
        Y  = year number 0 .. 9 (eg 93 = 3)
        MM = month
        DD = day
        HH = hour
        MM = minute
        SS = second

=Example:
  Required Setting              NVF Entry
  ----------------              ---------
  Abbreviation of MG3000        patient_id_stem "MG"

=See also:
  modality


2 UID_stem

=Description:
  This parameter defines the DICOM Unique Identifier stem. The format of the ste
m
  is as follows :

        O.M.C.0.P       - where O = Organisition
                                M = Member Body
                                C = Country or Company Code
                                0 = Zero
                                P = AGFA Product (MG3000 = 1)

  The remainder of the UID is generated internally by the PMS component as follo
ws :

        .DD.YYYYMMDDHHMMSS.II   - where DD   = a data set code
                                        YYYY = year
                                        MM   = month
                                        DD   = day
                                        HH   = hour
                                        MM   = minute
                                        SS   = second
                                        II   = counter 01..99

=Example:
```

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```
  Required Setting              NVF Entry
  ----------------              ---------
  Organisition = ISO            UID_stem "1.3.51.0.1"
  Member Body  = ANSI
  Company      = AGFA
  Zero         = 0
  Product      = MG3000


2 if_using_pmstst

=Description:
  This parameter is used when testing the PMS component with the PMSTST tool.
  The parameter is a flag (1 = TRUE / 0 = FALSE) indicating whether the test
  tool is being used or not.
  Setting this parameter TRUE causes the PMS component to generate simple
  DICOM Unique Identifiers as integers in the range 1..99.
  (It is easier to type these than the normal UIDs!!).

=Example:
  Required Setting              NVF Entry
  ----------------              ---------
  PMS in normal mode            if_using_pmstst 0
  PMS being tested by           if_using_pmstst 1
  pmstst


2 nevent_enabled

=Description:
  This parameter is used to enable/disable the use of the asynchronous N-EVENT
  messages.

  Although, conformance to the Basic Greyscale Print Management Meta SOP Class
  defines that the N-EVENT mechanism should be supported by the SCU, this
  parameter
  can be used to disable the N-EVENT if the SCU does not support it.

=Example:
   Required Setting               NVF Entry
   ----------------               ---------
   Disable N-EVENT messages       nevent_enabled 0
   Enable N-EVENT messages        nevent_enabled 1


2 film_type

=Description:
  This parameter defines the medium type - the kind of film/paper used for
  printing the image. A value of zero indicates that "NOTYPE" is specified -
  the current dispenser containing the appropriate film size will be used,
  irrespective of the type.
  This value is only consulted when the SCU did not sent the medium type
  attribute, or the SCU has sent an incorrect value for the attribute.

  Each medium type has it's own individual properties.
```

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```
=Example:
   Required Setting                        NVF Entry
   ----------------                        ---------
   No Type Specified                       film_type 0
   Paper/Opaque Film                       film_type 1
   Over Head Transparency                  film_type 2     - not supported
   Clear based film                        film_type 3
   Blue based film                         film_type 4


2 no_copies

=Description:
  The default film/paper copy count is defined by this parameter.

  The no_copies number of films/papers of each completed layout will be printed.
  This value is only consulted when the SCU did not sent the copy count
  attribute, or the SCU has sent an incorrect value for the attribute.

=Example:
   Required Setting                        NVF Entry
   ----------------                        ---------
   One copy of each layout                 no_copies 1
   Three copies of each layout             no_copies 3


2 film_backg

=Description:
  This parameter defines the background value on film and paper. The value
  is expressed in pixels with a range from 0 to 255.

  Four values can be defined. The first value is the BLACK/WHITE background
  value. The other 3 values are the RGB COLOR component background values.

  NOTE: The RGB color values should be inverted compared to the BLACK/WHITE valu
e.
  This value is only consulted when the SCU did not sent the border density
  attribute, or the SCU has sent an incorrect value for the attribute.

=Example:
   Required Setting                        NVF Entry
   ----------------                        ---------
   "Black" background                      film_backg 255 0 0 0
   "White" background                      film_backg 0 255 255 255


2 non_exp

=Description:
  This parameter defines the value on film and paper of any image boxes that
  do not contain image data (unexposed image locations). The value is
  expressed in pixels with a range from 0 to 255.

  Four values can be defined. The first value is the BLACK/WHITE unexposed
```

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```
  value. The other 3 values are the RGB COLOR component unexposed values.

  NOTE: The RGB color values should be inverted compared to the BLACK/WHITE valu
e.
  This value is only consulted when the SCU did not sent the empty image density
  attribute, or the SCU has sent an incorrect value for the attribute.

=Example:
   Required Setting                       NVF Entry
   ----------------                       ---------
   "Black" unexposed images               non_exp 255 0 0 0
   "White" unexposed images               non_exp 0 255 255 255


2 magnif_type

=Description:
  This parameter defines the magnification type to be used when interpolating
  the image data to fit into the image box area in the film/paper layout.

  The following magnification types are defined :

          Replicate       0
          Linear          1
          Cubic           2
          Other           3       - not supported

  For Cubic and Other magnification types, the smooth_factor (see below) is
  used to further define the interpolation sharpness.
  This value is only consulted when the SCU did not sent the magnifciation type
  attribute, or the SCU has sent an incorrect value for the attribute.

=Example:
   Required Setting                       NVF Entry
   ----------------                       ---------
   Cubic                                  magnif_type 2


2 smooth_factor

=Description:
  This parameter is used to define the smoothing factor (type) to be used when
  interpolating the image data to fit into the image box area in the film/paper
  layout.

  The smoothing factor is only used when the magnification_type is defined as CU
BIC.
  This value is only consulted when the SCU did not sent the smoothing type
  attribute, or the SCU has sent an incorrect value for the attribute.

  The following values are currently defined :

          Magnification Type              Smoothing Factor
          ------------------              ----------------
          CUBIC                           Unsharp         0
                                          Sharp (Hi-Res)  140
```

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```
=Example:
   Required Setting              NVF Entry
   ----------------              ---------
   Sharp (Hi-Res)                smooth_factor 140


2 dbmin

=Description:
  This parameter describes the minimum density to use on film. It is used as
  the minimum value when scaling the User Taste Table (table for the conversion
of
  pixel value to film density).

  A minimum density value of 0.15 is expressed as 1500 (this is 100 times
  larger than the value used in MIN/MCL, and provides a greater range for LR3300
).
  This value is only consulted when the SCU did not sent the minimum density
  attribute, or the SCU has sent an incorrect value for the attribute.

=Example:
   Required Setting                      NVF Entry
   ----------------                      ---------
   Minimum density 0.15                  dbmin 1500
   Minimum density 0.25                  dbmin 2500

=See also:
  dbmax


2 dbmax

=Description:
  This parameter describes the maximum density to use on film. It is used as
  the maximum value when scaling the User Taste Table (table for the conversion
of
  pixel value to film density).

  A maximum density value of 3.0 is expressed as 30000 (this is 100 times
  larger than the value used in MIN/MCL, and provides a greater range for LR3300
).
  This value is only consulted when the SCU did not sent the maximum density
  attribute, or the SCU has sent an incorrect value for the attribute.

=Example:
   Required Setting                      NVF Entry
   ----------------                      ---------
   Maximum density 3.0                   dbmax 30000
   Maximum density 2.85                  dbmax 28500

=See also:
  dbmin


2 cs_table
```

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```
=Description:
  This parameter is used to select the Color Separation Table in Color Systems.

=Example:
   Required Setting                       NVF Entry
   ----------------                       ---------
   Color Separation Table 0               cs_table 0


2 trim_flag

=Description:
  This parameter is used as a switch to define whether a trim or border should b
e
  drawn around each image in the layout in case the DICOM 3.0 trim attribute is
  absent. A value of 1 forces a trim on.
  A border can only be drawn around images in layouts which have a trim defined
  in them.

=Example:
   Required Setting                       NVF Entry
   ----------------                       ---------
   Disable trim around images             trim_flag 0
   Enable trim around images              trim_flag 1


2 utl_id

=Description:
  The User Taste LUT Identifier is used to specify the type of Taste LUT
  required.

  The Taste LUT can take one of the following values :

                0 = TRANSPARENT         - not supported
                1 = LINEAR
                2 = LOGARITHMIC         - not supported
                3 = KANAMORI
                4 = KANAMORI-LIKE

  The KANAMORI-LIKE option must be further defined by completing the utl_subid
  field.

=Example:
  Required Setting              NVF Entry
  ----------------              ---------
  Kanamori                      utl_id 3
  Kanamori-like                 utl_id 4

=See also:
  utl_subid


2 utl_subid
```

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```
=Description:
  This parameter is used to further define the User Taste LUT Identifier, but
  only when KANAMORI-LIKE is selected.

  When utl_id is KANAMORI-LIKE, the utl_subid has the following meaning :

        Range for utl_subid : 75 .. 220

        100      : Exact Kanamori Taste Curve (same as utl_id 3 only)
        200      : Exact Linear Taste Curve (same as utl_id 1 only)
        100..200 : Taste Curve between Kanamori and Linear
        < 100    : Hyper-Kanamori Taste Curve
        > 200    : Hypo-Linear Taste Curve

=Example:
  Required Setting              NVF Entry
  ----------------              ---------
  Kanamori-like Linear          utl_subid 200

=See also:
  utl_id


2 printer_type

=Description:
  This parameter says wheather the printer prints B&W or color images or
  both. When the PMS software runs on a DI2000, the printer_type is
  automatically set to 3.

=Example:
  Required Setting              NVF Entry
  ----------------              ---------
  B&W Printer                   printer_type 1
  Color Printer                 printer_type 2
  B&W and Color Printer         printer_type 3


2 text_flag

=Description:
  This parameter is used as a switch to define whether text and/or graphic
  primitives should be printed on the layout or not.

  Text can only be printed on the layout if the layout defines text boxes and
  the associated text is available in the hardcopy folder.

  Graphic primitives can only be printed on the layout if the layout defines
  graphic primitive data. If annotation is required, the 'annotation1..6'
  parameters
  should also be filled in correctly.

  The standard set of AGFA film layouts (formats) does not have any text boxes
  defined and this parameter is therefore ignored.

=Example:
```

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```
   Required Setting                        NVF Entry
   ----------------                        ---------
   Disable text printing                   text_flag 0
   Enable text printing                    text_flag 1


2 annotation filenames
3 annotation1 .. annotation6

=Description:
  These parameters define the filenames of TIFF files containing bitmaps that
  will be placed in the corresponding film.
  A maximum of 6 annotation files can be defined.

  The filenames are referenced in the Film Format by an index from 1 to 6.

  The annotation can be logos, text, etc.

=Example:
   Required Setting                        NVF Entry
   ----------------                        ---------
   Values to be defined.

=See also:
  text_flag


2 polarity

=Description:
  This parameter defines the image polarity on film/paper. The polarity can
  be one of two values :

                                  Digital         CRT Video (Vmin < Vmax)
                                  -------         -----------------------

   Normal polarity        0   pixel = white            Vmin = white
                          255 pixel = black            Vmax = black

   Reverse polarity       0   pixel = black            Vmin = black
                          255 pixel = white            Vmax = white

=Example:
   Required Setting                        NVF Entry
   ----------------                        ---------
   Normal polarity                         polarity 0
   Reverse polarity                        polarity 1


2 rotation

=Description:
  This parameter defines the image orientation within an image box in the
  film/paper layout.

  The following values are supported :
```

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```
          R0   - No rotation                              0
          R90  - 90 degree clockwise rotation             1
          R180 - 180 degree clockwise rotation            2
          R270 - 270 degree clockwise rotation            3
          M0   - No rotation, then mirror about           4
                 the vertical axis
          M90  - 90 degree clockwise rotation,            5
                 then mirror about the vertical axis
          M180 - 180 degree clockwise rotation,           6
                 then mirror about the vertical axis
          M270 - 270 degree clockwise rotation,           7
                 then mirror about the vertical axis

=Example:
   Required Setting                       NVF Entry
   ----------------                       ---------
   R0 - No rotation                       rotation 0


2 metric_printing

=Description:
  Metric printing is a way of printing where the print-out represents the
  'real size', i.e. 1 inch on image acquisition is 1 inch on the layout.
  This is only possible when the attribute pixel spacing (0028:0030) is
  present in the image group.
  The default is off.

=Example:
   Required Setting                       NVF Entry
   ----------------                       ---------
   0 - No metric printing                 metric_printing 0
   1 - Do metric printing                 metric_printing 1


2 image_numbering

=Description:
  Print out the number of each image box on film.

=Example:
   Required Setting                       NVF Entry
   ----------------                       ---------
   0 - No image numbering                 image_numbering 0
   1 - Do image numbering                image_numbering 1


2 bw_wwidth

=Description:
  Window Center (0028:1050) and Window Width (0028:10051) specifies a linear
  conversion from stored pixel values to values to be displayed.
  Window Center contains the pixel value that is the center of the window.
  Window Width contains the width of the window.
  The value is of type Decimal String (DS) 16 bytes maximum.
```

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```
  Allowed characters are : "0"-"9", "+", "-", "E", "e", "." of Default Character
  Repertoire. See DICOM 3.0 documentation part PS3.5 for more info.

  This value is only for MONOCHROME1 and MONOCHROME2 images.

=Example:
    Required Setting                      NVF Entry
    ----------------                      ---------
    Window Width 256                     bw_wwidth "256"

=See also:
  bw_wcenter, add_WL


2 bw_wcenter

=Description:
  Window Center (0028:1050) and Window Width (0028:10051) specifies a linear
  conversion from stored pixel values to values to be displayed.
  Window Center contains the pixel value that is the center of the window.
  Window Width contains the width of the window.
  The value is of type Decimal String (DS) 16 bytes maximum.
  Allowed characters are : "0"-"9", "+", "-", "E", "e", "." of Default Character
  Repertoire. See DICOM 3.0 documentation part PS3.5 for more info.

  This value is only for MONOCHROME1 and MONOCHROME2 images.

=Example:
    Required Setting                      NVF Entry
    ----------------                      ---------
    Window Center 128                      bw_wcenter "128"

=See also:
  bw_wwidth, add_WL


2 color_wwidth

=Description:
  Window Center (0028:1050) and Window Width (0028:10051) specifies a linear
  conversion from stored pixel values to values to be displayed.
  Window Center contains the pixel value that is the center of the window.
  Window Width contains the width of the window.
  The value is of type Decimal String (DS) 16 bytes maximum.
  Allowed characters are : "0"-"9", "+", "-", "E", "e", "." of Default Character
  Repertoire. See DICOM 3.0 documentation part PS3.5 for more info.

  This value is only for RGB and RGB2 and PALETTE COLOR images.

=Example:
    Required Setting                      NVF Entry
    ----------------                      ---------
    Window Width 256                      color_wwidth "256"

=See also:
  color_wcenter, add_WL
```

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```
2 color_wcenter

=Description:
  Window Center (0028:1050) and Window Width (0028:10051) specifies a linear
  conversion from stored pixel values to values to be displayed.
  Window Center contains the pixel value that is the center of the window.
  Window Width contains the width of the window.
  The value is of type Decimal String (DS) 16 bytes maximum.
  Allowed characters are : "0"-"9", "+", "-", "E", "e", "." of Default Character
  Repertoire. See DICOM 3.0 documentation part PS3.5 for more info.

  This value is only for RGB and RGB2 and PALETTE COLOR images.

=Example:
    Required Setting                      NVF Entry
    ----------------                      ---------
    Window Center 128                     color_wcenter "128"

=See also:
  color_wwidth, add_WL


2 resolution

=Description:
  This entry is used to define the pixel resolution ratio (Pixel shape)
  between pixel and line. It must be expressed as follows :

          resolution = (#pixels/mm) * 10000
                       --------------------
                           (#lines/mm)

  NOTE: It appears that this parameters is used incorrectly in the MG3000. You
        should define the "inverse" value of that computed:

          MG3000 resolution = (#lines/mm) * 10000
                              -------------------
                                  (#pixels/mm)

        The software will not be corrected as this will introduce an
        incompatibility in the exhisting OEM files
        (also in existing MG configurations).

=Example:
    Required Setting                      NVF Entry
    ----------------                      ---------
    4 pixel/mm; 4 lines/mm                resolution 10000
    5 pixel/mm; 4 lines/mm                resolution 8000

=See also:
  also: add_WL


2 ipl_id
```

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```
=Description:
  The Input LUT Identifier is used to specify the type of input LUT required.

  The Input LUT can take one of the following values :

                 0 = WINDOW LEVEL        - use window/level parameters to
                                           generate input lut
                 1 = GAMMA CORRECTION    - for use with Video Image
                                           Device to correct the GAMMA
                                           compensation for a video monitor.
                 2 = OEM DEFINED         - OEM input lut defined in file
                                           stored on MG3000.
                 3 = OEM + WINDOW LEVEL
                 4 = GAMMA + WINDOW LEVEL

  The GAMMA CORRECTION and OEM DEFINED options must be further defined by
  completing
  the ipl_subid field.

=Example:
   Required Setting                      NVF Entry
   ----------------                      ---------
   Use Window/Level                      ipl_id 0
   Use Gamma Correction                  ipl_id 1
   OEM defined                           ipl_id 2
   OEM + Window/Level                    ipl_id 3
   Gamma + Window/Level                  ipl_id 4

=See also:
  ipl_subid, add_WL


2 ipl_subid

=Description:
  This parameter is used to further define the Input LUT Identifier, but only
  when either GAMMA CORRECTION or OEM DEFINED is selected.

  When ipl_id is GAMMA CORRECTION, the ipl_subid defines the actual GAMMA
  correction
  value - (Typical values are around 2.0):

  The MeNU gamma correction value is stored as an integer by multiplying the
  actual
  gamma correction value by 100.

          Actual Gamma Value              MeNU Gamma Value
                 2.00                          200
                 1.97                          197
                 2.05                          205


  When ipl_id is OEM DEFINED, the ipl_subid has the following meaning :

          Range for ipl_subid : 1 .. 999
```

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```
          The value of the ipl_subid is used to create the filename containing
          the OEM Input LUT. The filename created is OEMxyz.IPL where xyz is
          the ipl_subid (with leading zeroes).

          Examples :
                  ipl_subid = 1           filename = OEM001.IPL
                              12                     OEM012.IPL
                              123                    OEM123.IPL

          The file OEMxyz.IPL must contain the OEM Input LUT formatted as 8
          columns and 32 rows (8 * 32 = 256 values), with a space between every
          value in the same row.

=Example:
   Required Setting                       NVF Entry
   ----------------                       ---------
   GAMMA CORRECTION 2.00                  ipl_subid 200
   OEM Input LUT File OEM010.IPL          ipl_subid 10

=See also:
  ipl_id, add_WL


2 add_WL

=Description:
   This flag says if we should add Window Level, Resolution and IPL
   to the image data. Setting add_WL to 1, does the job.
   The values are taken from the configuration table.
   The default is 0, which does not modify any image parameters.

   The center and width values can be overruled from the WINDOW_CENTER
   and WINDOW_WIDTH settings in the Configuration Information attribute of
   the Basic Film Box.

=Example:
  Required Setting                       NVF Entry
  ----------------                       ---------
  Add Window & Level                     add_WL 1
  Do not modify image                    add_WL 0

=See also:
  bw_wwidth, bw_wcenter, color_wwidth, color_wcenter, ipl_id, ipl_subid


2 pms_prio
  This parameter sets the task priority of PMS. Priority ranges from 24 to 149,
  24 being a high priority, 149 being low priority. Do not confuse with print
  priority attribute (2000, 0020) of a DICOM film session!
  Normally this parameter is never to be changed, and if it is, it is being
  done so at your convenience at system production facilities.

=Example:
  Required Setting              NVF Entry
  ----------------              ---------
```

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```
  PMS Task Prioriy 101           pms_prio 101


2 img_prio
  This parameter sets the task priority of PMS when is starts importing
  pixel data.
  Do not confuse with print priority attribute (2000, 0020) of a DICOM
  film session!
  Normally this parameter is never to be changed, and if it is, it is being
  done so at your convenience at system production facilities.

=Example:
  Required Setting              NVF Entry
  ----------------              ---------
  PMS Image Prioriy 101           img_prio 101


2 pms_tmo

=Description:
   This parameter sets the time in seconds of inactive associations.
   After a time interval of pms_tmo seconds of non-activity on an
   establisehed association, the SCP aborts the association!
   The default value -1, indicates no timeout! (Blocking wait, which is as it
   was on previous software releases.)

=Example:
  Required Setting                                NVF Entry
  ----------------                                ---------
  NO timeout, blocking wait.                      pms_tmo -1
  Timout after 10 Minutes                         pms_tmo 600


2 img_tmo

=Description:
   This parameter sets the time in seconds of inactive image transfer.
   This parameter is only used during image transfer.
   After a time interval of img_tmo seconds of non-activity during an
   image transfer, the SCP aborts the association!
   A value of -1 (Blocking wait) is not supported!

=Example:
  Required Setting                                NVF Entry
  ----------------                                ---------
  Timout after 60 Seconds                         img_tmo 60


2 confrmLevel

=Description:
   This attribute indicates the level of conformance to the DICOM 3.0
   standard optional attributes. All optional attributes should contain a
   legal value. If confrmLevel is 0, then a default value will silently be
   used.
```

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```
=Example:
  Required Setting                                NVF Entry
  ----------------                                ---------
  Ignore illegal attribute values                 confrmLevel 0
  Conformance to DICOM 3.0 1996 standard          confrmLevel 1
  Conformance to DICOM 3.0 1997 standard          confrmLevel 2


dryst3_C:\>
```

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