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1- SETTING THE GAMMA SETTING FOR THE HOST MONITOR

It is important that you get the right Gamma configuration based on your software version and the type of Host Monitor you have.

1-1 Getting your Software Version

1. From the Tools Menu Open up a C-shell.
2. Type **getver** <Enter> or **WhatRev** <Enter>

```
Build number for MrpApps is ASP2.283B_M4_0112.b
Build number for PostSdC is ASP2.283B_M4_0112.b
Build number for cclass is ASP2.283B_M4_0112.b
Build number for driverSupport is ASP2.283B_M4_0112.b
Build number for insite is ASP2.283B_M4_0112.b
Build number for install is ASP2.283B_M4_0112.b
Build number for os_cd is 6.8.a
Build number for os_u_cd is 6u7.14.a
Build number for pc is ASP2.283B_M4_0112.b
MR Software release: A.S.P.20112b
```

Response

Version Information will be noted here. This sample shows ASP2 as the version.

REVISION OUTPUT
ILLUSTRATION 1-1

2- SETTING THE CORRECT GAMMA VALUE FOR THE CORRECT MONITOR TYPE

GAMMA SETTINGS

TABLE 2-1

Monitor Type	Model	Gamma Setting	File	Gamma Setting Location	Look-Up Table File Location	Look-Up Table File Location
B/W CRT Monitor	Barco MDW321	0.9	grayPix.cfg	usr/g/grayPix or usr/pixmaps	N/A	N/A
Color CRT Monitor	Barco MDW321+	1.1	colorPix.cfg	usr/g/grayPix or usr/pixmaps	N/A	N/A
20 inch LCD	NEC 2000	1.05	colorPix.cfg	usr/g/colorPix or usr/pixmaps	N/A	N/A
20 inch LCD	NEC 2010	1.05	colorPix.cfg	usr/g/colorPix or usr/pixmaps	N/A	N/A
20 inch LCD	NEC 2010X	1.05	colorPix.cfg	usr/g/colorPix or usr/pixmaps	GammaLUT.dat	/export/home/sdc/gamma
18 inch LCD	NEC 1850X	1.05	colorPix.cfg	usr/g/colorPix or usr/pixmaps	GammaLUT.dat	/export/home/sdc/gamma
18 inch LCD	Eizo L660	1.05	colorPix.cfg	usr/g/colorPix or usr/pixmaps	GammaLUT.dat	/export/home/sdc/gamma

Note

The system software does NOT use the information in the gray area indicated on the table when the GammaLUT, (Gamma Look-up-Table) is installed, however, it must be entered to maintain compatibility with other monitors. If a gamma Look-up-table is available for a LCD Panel Monitor, it MUST be installed.

2-1 Black & White CRT Monitor MDW321 (Barco)

2-1-1 LX Signa Systems Using Version 8.0 to 8.3, VH/1

1. From the Tools Menu, Open **C-Shell**.
2. Type **gamma [Enter]** . The system should respond with the current setting. If the value is NOT correct for your version of software and Monitor combination:
3. Switch to root owner. (**su - [Enter]** ; password: **operator [Enter]**)
4. Enter the following: **jot /usr/g/grayPix/grayPix.cfg [Enter]**

Note:

If you get a response: /usr/g/grayPix/grayPix.cfg - No such file or directory, Refer to Section 2-1-2

5. *MANUALLY* edit the file. Type: **0.9 [Enter]** changing the value on the top line. (The file should ONLY have 0.9 on the top line.)
6. Select "**File**" , "**Save**"
7. Select "**File**" , "**Exit**"
8. Make the change permanent by a **REBOOT** of Signa. This completes the Gamma Calibration process.

2-1-2 LX Signa Systems Using Ver. 8.4, ASP1, ASP2, CV/NV (CNV3) (CNV4), VH2

1. From the Tools Menu, Open **C-Shell**.
2. Type **gamma [Enter]** . The system should respond with the current setting. If the value is NOT correct for your version of software and Monitor combination:
3. Switch to root owner. (**su - [Enter]** ; password: **operator [Enter]**)
4. Enter the following: **jot /usr/pixmaps/grayPix.cfg [Enter]**

Note:

If you get a response: /usr/pixmaps/grayPix.cfg - No such file or directory, Refer to Section 2-1-1

5. *MANUALLY* edit the file. Type: **0.9 [Enter]** changing the value on the top line. (The file should ONLY have 0.9 on the top line.)
6. Select "**File**" , "**Save**"

7. Select **"File"** , **"Exit"**
8. Make the change permanent by a **REBOOT** of Signa. This completes the Gamma Calibration process.

2-2 Color CRT Monitor MDW321+ (Barco)

2-2-1 LX Signa Systems Using Version 8.0 to 8.3, VH/1

9. From the Tools Menu, Open **C-Shell**.
10. Type **gamma [Enter]** . The system should respond with the current setting. If the value is NOT correct for your version of software and Monitor combination:
11. Switch to root owner. (**su - [Enter]** ; password: **operator [Enter]**)
12. Enter the following: **jot /usr/g/colorPix/colorPix.cfg [Enter]**

Note:

If you get a response: /usr/g/colorPix/colorPix.cfg - No such file or directory, Refer to Section 2-2-2

13. *MANUALLY* edit the file. Type: **1.1 [Enter]** changing the value on the top line. (The file should ONLY have 1.1 on the top line.)
14. Select **"File"** , **"Save"**
15. Select **"File"** , **"Exit"**
16. Make the change permanent by a **REBOOT** of Signa. This completes the Gamma Calibration process.

2-2-2 LX Signa Systems Using Ver. 8.4, ASP1, ASP2, CV/NV (CNV3) (CNV4), VH2

9. From the Tools Menu, Open **C-Shell**.
10. Type **gamma [Enter]** . The system should respond with the current setting. If the value is NOT correct for your version of software and Monitor combination:
11. Switch to root owner. (**su - [Enter]** ; password: **operator [Enter]**)
12. Enter the following: **jot /usr/pixmaps/colorPix.cfg [Enter]**

Note:

If you get a response: /usr/pixmaps/colorPix.cfg - No such file or directory, Refer to Section 2-2-1

13. *MANUALLY* edit the file. Type: **1.1 [Enter]** changing the value on the top line. (The file should ONLY have 1.1 on the top line.)
14. Select **"File"** , **"Save"**

15. Select **"File"** , **"Exit"**
16. Make the change permanent by a **REBOOT** of Signa. This completes the Gamma Calibration process.

2-3 NEC 2000 LCD Panel 20 inch Monitor

2-3-1 LX Signa Systems Using Version 8.0 to 8.3, VH/1

1. From the Tools Menu, Open **C-Shell**.
2. Type **gamma [Enter]** . The system should respond with the current setting. If the value is NOT correct for your version of software and Monitor combination:
3. Switch to root owner. (**su - [Enter]** ; password: **operator [Enter]**)
4. Enter the following: **jot /usr/g/colorPix/colorPix.cfg [Enter]**

Note:

If you get a response: /usr/g/colorPix/colorPix.cfg - No such file or directory, Refer to Section 2-3-2

5. *MANUALLY* edit the file. Type: **1.05 [Enter]** changing the value on the top line. (The file should ONLY have 1.05 on the top line.)
6. Select **"File"** , **"Save"**
7. Select **"File"** , **"Exit"**
8. Make the change permanent by a **REBOOT** of Signa. This completes the Gamma Calibration process.

2-3-2 LX Signa Systems Using Ver. 8.4, ASP1, ASP2, CV/NV (CNV3)(CNV4), VH2

1. From the Tools Menu, Open C-Shell.
2. Type **gamma [Enter]** . The system should respond with the current setting. If the value is NOT correct for your version of software and Monitor combination:
3. Switch to root owner. (**su - [Enter]** ; password: **operator [Enter]**)
4. Enter the following: **jot /usr/pixmaps/colorPix.cfg [Enter]**

Note:

If you get a response: /usr/g/pixmaps/colorPix.cfg - No such file or directory, Refer to Section 2-3-1

5. *MANUALLY* edit the file. Type: **1.05 [Enter]** changing the value on the top line. (The file should ONLY have 1.05 on the top line.)
6. Select **"File"** , **"Save"**
7. Select **"File"** , **"Exit"**

8. Make the change permanent by a **REBOOT** of Signa. This completes the Gamma Calibration process.

2-4 NEC 2010 LCD Panel 20 inch Monitor

2-4-1 LX Signa Systems and OpenSpeed, Using Version 8.0 to 8.3, VH/1

1. From the Tools Menu, Open **C-Shell**.
2. Type **gamma [Enter]** . The system should respond with the current setting. If the value is NOT correct for your version of software and Monitor combination:
3. Switch to root owner. (**su - [Enter]** ; password: **operator [Enter]**)
4. Enter the following: **jot /usr/g/colorPix/colorPix.cfg [Enter]**

Note:

If you get a response: /usr/g/colorPix/colorPix.cfg - No such file or directory, Refer to Section 2-4-2

5. *MANUALLY* edit the file. Type: **1.05 [Enter]** changing the value on the top line. (The file should ONLY have 1.05 on the top line.)
6. Select "**File**" , "**Save**"
7. Select "**File**" , "**Exit**"
8. Make the change permanent by a **REBOOT** of Signa. This completes the Gamma Calibration process.

2-4-2 LX Signa Systems and OpenSpeed, Using Ver. 8.4, ASP1, ASP2, CV/NV (CNV3)(CNV4), VH2

1. From the Tools Menu, Open C-Shell.
2. Type **gamma [Enter]** . The system should respond with the current setting. If the value is NOT correct for your version of software and Monitor combination:
3. Switch to root owner. (**su - [Enter]** ; password: **operator [Enter]**)
4. Enter the following: **jot /usr/pixmaps/colorPix.cfg [Enter]**

Note:

If you get a response: /usr/g/pixmaps/colorPix.cfg - No such file or directory, Refer to Section 2-4-1

5. *MANUALLY* edit the file. Type: **1.05 [Enter]** changing the value on the top line. (The file should ONLY have 1.05 on the top line.)
6. Select "**File**" , "**Save**"
7. Select "**File**" , "**Exit**"

8. Make the change permanent by a **REBOOT** of Signa. This completes the Gamma Calibration process.

2-5 NEC 2010X LCD Panel 20 inch Monitor

To remain compatible with previous monitor configurations this LCD monitor requires two different gamma settings. Section 2-5-1 and 2-5-4 must be performed to ensure compatibility with the older monitors. The colorPix.cfg file is ignored by the system software and NOT used, when the Gamma look-up table is installed.

2-5-1 LX Signa Systems Using Version 8.0 to 8.3, VH/1

1. From the Tools Menu, Open **C-Shell**.
2. Type **gamma [Enter]**. The system should respond with the current setting. If the value is NOT correct for your version of software and Monitor combination:
3. Switch to root owner. (**su - [Enter]** ; password: **operator [Enter]**)
4. Enter the following: **jot /usr/g/colorPix/colorPix.cfg [Enter]**

Note:

If you get a response: /usr/g/colorPix/colorPix.cfg - No such file or directory, Refer to Section 2-5-4

5. *MANUALLY* edit the file. Type: **1.05 [Enter]** changing the value on the top line. (The file should ONLY have 1.05 on the top line.)
6. Select "**File**", "**Save**"
7. Select "**File**", "**Exit**"
8. Make the change permanent by a **REBOOT** of Signa.

2-5-2 Installing the Gamma Table

1. Insert GEMS Service Documentation CD ROM 2160623 Rev 14 or above. Or Service CD 2250758 Rev 2 or above into the Signa host CDROM drive. The service class of the service CDROM does not matter.
2. Insure Signa is booted to the scanning level. On any desktop, open a command window by placing the cursor on any part of the desktop, click and hold the right mouse button and scroll to select, **Service Tools** and then **Command Window**.
3. Type at the command prompt: (Commands are case sensitive, type as shown)

Command prompt:> **su <Enter>** (This will execute Super User)

Command prompt:> root password **operator <Enter>** (Default for Signa is "**operator**")

Command prompt:> **mediad <Enter>** (Mounts CDROM Drive to File System)

Note

If a message appears stating "another mediad is already running", ignore it.

Command prompt:> **cp /CDROM/gamma/* /usr/g/bin <Enter>** (Copy files to hard drive)
Command prompt:> **umount /CDROM <Enter>** (Release the CDROM Drive)
Command prompt:> **exit <Enter>** (Exit root ownership)

4. Remove the Service CDROM from the drive at this time.

2-5-3 Running the Gamma Tool To Install or Uninstall DICOM Gamma Tables

1. If not already available, open a command window by placing the cursor on any part of the desktop, click and hold the right mouse button and scroll to select, **Service Tools** and then **Command Window**.
2. At the command line type:

Command prompt:> **rungamma <Enter>**

3. The menu shown in Table 2-2 will display.

TABLE 2-2
GAMMA TOOL SELECTIONS

```
Make a selection between 1 and 7 to proceed!  
  
[1] For INSTALLING NEC 2010X Calibration  
[2] For UNINSTALLING NEC 2010X Calibration  
[3] For INSTALLING NEC 1850X Calibration  
[4] For UNINSTALLING NEC 1850X Calibration  
[5] For INSTALLING EIZO L660 Calibration  
[6] For UNINSTALLING EIZO L660 Calibration  
[7] For QUITTING this Program
```

4. Determine the LCD monitor type your system is using. The name and model number is found on the front face of the monitor.
5. At the prompt type the number corresponding to your monitor type and if you wish to install or uninstall the gamma tables.

The tool takes only seconds to run. A successful installation or removal message will appear and the system will go back to the command line prompt. Any errors reported will also suggest what to do next. Re-boot Signa after running this tool to activate changes.

2-5-4 LX Signa Systems Using Ver. 8.4, ASP1, ASP2, CV/NV (CNV3)(CNV4), VH2

1. From the Tools Menu, Open C-Shell.
2. Type **gamma [Enter]** . The system should respond with the current setting. If the value is NOT correct for your version of software and Monitor combination:

3. Switch to root owner. (**su - [Enter]** ; password: **operator [Enter]**)
4. Enter the following: **jot /usr/pixmaps/colorPix.cfg [Enter]**

Note:

If you get a response: /usr/g/pixmaps/colorPix.cfg - No such file or directory, Refer to Section 2-5-1

5. *MANUALLY* edit the file. Type: **1.05 [Enter]** changing the value on the top line. (The file should ONLY have 1.05 on the top line.)
6. Select **"File"** , **"Save"**
7. Select **"File"** , **"Exit"**
8. Make the change permanent by a **REBOOT** of Signa.

2-5-5 Installing the Gamma Table

1. Insert GEMS Service Documentation CD ROM 2160623 Rev 14 or above. Or Service CD 2250758 Rev 2 or above into the Signa host CDROM drive. The service class of the service CDROM does not matter.
2. Insure Signa is booted to the scanning level. On any desktop, open a command window by placing the cursor on any part of the desktop, click and hold the right mouse button and scroll to select, **Service Tools** and then **Command Window**.
3. Type at the command prompt: (Commands are case sensitive, type as shown)

Command prompt:> **su <Enter>** (This will execute Super User)

Command prompt:> root password **operator <Enter>** (Default for Signa is **"operator"**)

Command prompt:> **mediad <Enter>** (Mounts CDROM Drive to File System)

Note

If a message appears stating "another mediad is already running", ignore it.

Command prompt:> **cp /CDROM/gamma/* /usr/g/bin <Enter>** (Copy files to hard drive)

Command prompt:> **umount /CDROM <Enter>** (Release the CDROM Drive)

Command prompt:> **exit <Enter>** (Exit root ownership)

4. Remove the Service CDROM from the drive at this time.

2-5-6 Running the Gamma Tool To Install or Uninstall DICOM Gamma Tables

1. If not already available, open a command window by placing the cursor on any part of the desktop, click and hold the right mouse button and scroll to select, **Service Tools** and then **Command Window**.
2. At the command line type:
3. Command prompt:> **rungamma <Enter>**

- The menu shown in Table 2-3 will display.

TABLE 2-3
GAMMA TOOL SELECTIONS

```
Make a selection between 1 and 7 to proceed!  
  
[1] For INSTALLING NEC 2010X Calibration  
  
[2] For UNINSTALLING NEC 2010X Calibration  
  
[3] For INSTALLING NEC 1850X Calibration  
  
[4] For UNINSTALLING NEC 1850X Calibration  
  
[5] For INSTALLING EIZO L660 Calibration  
  
[6] For UNINSTALLING EIZO L660 Calibration  
  
[7] For QUITTING this Program
```

- Determine the LCD monitor type your system is using. The name and model number is found on the front face of the monitor.
- At the prompt type the number corresponding to your monitor type and if you wish to install or uninstall the gamma tables.

The tool takes only seconds to run. A successful installation or removal message will appear and the system will go back to the command line prompt. Any errors reported will also suggest what to do next. Re-boot Signa after running this tool to activate changes.

2-6 NEC1850X LCD Panel 18 inch Monitor

To remain compatible with previous monitor configurations this LCD monitor requires two different gamma settings. Section 2-6-1 and 2-6-4 must be performed to ensure compatibility with the older monitors. The colorPix.cfg file is ignored by the system software and NOT used, when the Gamma look-up table is installed.

2-6-1 LX Signa Systems and OpenSpeed Using Version 8.0 to 8.3, VH/1

- From the Tools Menu, Open **C-Shell**.
- Type **gamma [Enter]**. The system should respond with the current setting. If the value is NOT correct for your version of software and Monitor combination:
- Switch to root owner. (**su - [Enter]** ; password: **operator [Enter]**)
- Enter the following: **jot /usr/g/colorPix/colorPix.cfg [Enter]**

Note:

If you get a response: /usr/g/colorPix/colorPix.cfg - No such file or directory, Refer to Section 2-6-4

13. *MANUALLY* edit the file. Type: **1.05 [Enter]** changing the value on the top line.
(The file should ONLY have 1.05 on the top line.)
14. Select "**File**", "**Save**"
15. Select "**File**", "**Exit**"
16. Make the change permanent by a **REBOOT** of Signa.

2-6-2 Installing the Gamma Table

4. Insert GEMS Service Documentation CD ROM 2160623 Rev 14 or above. Or Service CD 2250758 Rev 2 or above into the Signa host CDROM drive. The service class of the service CDROM does not matter.
5. Insure Signa is booted to the scanning level. On any desktop, open a command window by placing the cursor on any part of the desktop, click and hold the right mouse button and scroll to select, **Service Tools** and then **Command Window**.
6. Type at the command prompt: (Commands are case sensitive, type as shown)

Command prompt:> **su <Enter>** (This will execute Super User)

Command prompt:> root password **operator <Enter>** (Default for Signa is "**operator**")

Command prompt:> **mediad <Enter>** (Mounts CDROM Drive to File System)

Note

If a message appears stating "another mediad is already running", ignore it.

Command prompt:> **cp /CDROM/gamma/* /usr/g/bin <Enter>** (Copy files to hard drive)

Command prompt:> **umount /CDROM <Enter>** (Release the CDROM Drive)

Command prompt:> **exit <Enter>** (Exit root ownership)

5. Remove the Service CDROM from the drive at this time.

2-6-3 Running the Gamma Tool To Install or Uninstall DICOM Gamma Tables

3. If not already available, open a command window by placing the cursor on any part of the desktop, click and hold the right mouse button and scroll to select, **Service Tools** and then **Command Window**.
4. At the command line type:

Command prompt:> **rungamma <Enter>**

6. The menu shown in Table 2-4 will display.

TABLE 2-4
GAMMA TOOL SELECTIONS

```
Make a selection between 1 and 7 to proceed!  
  
[1] For INSTALLING NEC 2010X Calibration  
[2] For UNINSTALLING NEC 2010X Calibration  
[3] For INSTALLING NEC 1850X Calibration  
[4] For UNINSTALLING NEC 1850X Calibration  
[5] For INSTALLING EIZO L660 Calibration  
[6] For UNINSTALLING EIZO L660 Calibration  
[7] For QUITTING this Program
```

7. Determine the LCD monitor type your system is using. The name and model number is found on the front face of the monitor.
8. At the prompt type the number corresponding to your monitor type and if you wish to install or uninstall the gamma tables.

The tool takes only seconds to run. A successful installation or removal message will appear and the system will go back to the command line prompt. Any errors reported will also suggest what to do next. Re-boot Signa after running this tool to activate changes.

2-6-4 LX Signa Systems and OpenSpeed Using Ver. 8.4, ASP1, ASP2, CV/NV (CNV3)(CNV4), VH2

9. From the Tools Menu, Open C-Shell.
10. Type **gamma [Enter]** . The system should respond with the current setting. If the value is NOT correct for your version of software and Monitor combination:
11. Switch to root owner. (**su - [Enter]** ; password: **operator [Enter]**)
12. Enter the following: **jot /usr/pixmaps/colorPix.cfg [Enter]**

Note:

If you get a response: /usr/g/pixmaps/colorPix.cfg - No such file or directory, Refer to Section 2-6-1

13. *MANUALLY* edit the file. Type: **1.05 [Enter]** changing the value on the top line. (The file should ONLY have 1.05 on the top line.)
14. Select **“File”** , **“Save”**
15. Select **“File”** , **“Exit”**
16. Make the change permanent by a **REBOOT** of Signa.

2-6-5 Installing the Gamma Table

5. Insert GEMS Service Documentation CD ROM 2160623 Rev 14 or above. Or Service CD 2250758 Rev 2 or above into the Signa host CDROM drive. The service class of the service CDROM does not matter.
6. Insure Signa is booted to the scanning level. On any desktop, open a command window by placing the cursor on any part of the desktop, click and hold the right mouse button and scroll to select, **Service Tools** and then **Command Window**.
7. Type at the command prompt: (Commands are case sensitive, type as shown)

Command prompt:> **su <Enter>** (This will execute Super User)

Command prompt:> root password **operator <Enter>** (Default for Signa is “**operator**”)

Command prompt:> **mediad <Enter>** (Mounts CDROM Drive to File System)

Note

If a message appears stating “another mediad is already running”, ignore it.

Command prompt:> **cp /CDROM/gamma/* /usr/g/bin <Enter>** (Copy files to hard drive)

Command prompt:> **umount /CDROM <Enter>** (Release the CDROM Drive)

Command prompt:> **exit <Enter>** (Exit root ownership)

8. Remove the Service CDROM from the drive at this time.

2-6-6 Running the Gamma Tool To Install or Uninstall DICOM Gamma Tables

7. If not already available, open a command window by placing the cursor on any part of the desktop, click and hold the right mouse button and scroll to select, **Service Tools** and then **Command Window**.
8. At the command line type:
9. Command prompt:> **rungamma <Enter>**
10. The menu shown in Table 2-5 will display.

TABLE 2-5
GAMMA TOOL SELECTIONS

```
Make a selection between 1 and 7 to proceed!  
  
[1] For INSTALLING NEC 2010X Calibration  
[2] For UNINSTALLING NEC 2010X Calibration  
[3] For INSTALLING NEC 1850X Calibration  
[4] For UNINSTALLING NEC 1850X Calibration  
[5] For INSTALLING EIZO L660 Calibration  
[6] For UNINSTALLING EIZO L660 Calibration  
[7] For QUITTING this Program
```

11. Determine the LCD monitor type your system is using. The name and model number is found on the front face of the monitor.
12. At the prompt type the number corresponding to your monitor type and if you wish to install or uninstall the gamma tables.

The tool takes only seconds to run. A successful installation or removal message will appear and the system will go back to the command line prompt. Any errors reported will also suggest what to do next. Re-boot Signa after running this tool to activate changes.

2-7 Eizo L660 LCD Panel 18 inch Monitor

To remain compatible with previous monitor configurations this LCD monitor requires two different gamma settings. Section 2-6-1 and 2-6-4 must be performed to ensure compatibility with the older monitors. The colorPix.cfg file is ignored by the system software and NOT used, when the Gamma look-up table is installed.

2-7-1 LX Signa Systems and OpenSpeed Using Version 8.0 to 8.3, VH/1

1. From the Tools Menu, Open **C-Shell**.
2. Type **gamma [Enter]**. The system should respond with the current setting. If the value is NOT correct for your version of software and Monitor combination:
3. Switch to root owner. (**su - [Enter]** ; password: **operator [Enter]**)
4. Enter the following: **jot /usr/g/colorPix/colorPix.cfg [Enter]**

Note:

If you get a response: /usr/g/colorPix/colorPix.cfg - No such file or directory, Refer to Section 2-7-4

5. *MANUALLY* edit the file. Type: **1.05 [Enter]** changing the value on the top line. (The file should ONLY have 1.05 on the top line.)
6. Select "**File**", "**Save**"
7. Select "**File**", "**Exit**"
8. Make the change permanent by a **REBOOT** of Signa.

2-7-2 Installing the Gamma Table

1. Insert GEMS Service Documentation CD ROM 2160623 Rev 14 or above. Or Service CD 2250758 Rev 2 or above into the Signa host CDROM drive. The service class of the service CDROM does not matter.
2. Insure Signa is booted to the scanning level. On any desktop, open a command window by placing the cursor on any part of the desktop, click and hold the right mouse button and scroll to select, **Service Tools** and then **Command Window**.
3. Type at the command prompt: (Commands are case sensitive, type as shown)

Command prompt:> **su <Enter>** (This will execute Super User)

Command prompt:> root password **operator <Enter>** (Default for Signa is "**operator**")

Command prompt:> **mediad <Enter>** (Mounts CDROM Drive to File System)

Note

If a message appears stating "another mediad is already running", ignore it.

Command prompt:> **cp /CDROM/gamma/* /usr/g/bin <Enter>** (Copy files to hard drive)

Command prompt:> **umount /CDROM <Enter>** (Release the CDROM Drive)

Command prompt:> **exit <Enter>** (Exit root ownership)

4. Remove the Service CDROM from the drive at this time.

2-7-3 Running the Gamma Tool To Install or Uninstall DICOM Gamma Tables

1. If not already available, open a command window by placing the cursor on any part of the desktop, click and hold the right mouse button and scroll to select, **Service Tools** and then **Command Window**.
2. At the command line type:
3. Command prompt:> **rungamma <Enter>**
4. The menu shown in Table 2-6 will display.

TABLE 2-6
GAMMA TOOL SELECTIONS

```
Make a selection between 1 and 7 to proceed!  
  
[1] For INSTALLING NEC 2010X Calibration  
[2] For UNINSTALLING NEC 2010X Calibration  
[3] For INSTALLING NEC 1850X Calibration  
[4] For UNINSTALLING NEC 1850X Calibration  
[5] For INSTALLING EIZO L660 Calibration  
[6] For UNINSTALLING EIZO L660 Calibration  
[7] For QUITTING this Program
```

5. Determine the LCD monitor type your system is using. The name and model number is found on the front face of the monitor.
6. At the prompt type the number corresponding to your monitor type and if you wish to install or uninstall the gamma tables.

The tool takes only seconds to run. A successful installation or removal message will appear and the system will go back to the command line prompt. Any errors reported will also suggest what to do next. Re-boot Signa after running this tool to activate changes.

2-7-4 LX Signa Systems and OpenSpeed Using Ver. 8.4, ASP1, ASP2, CV/NV (CNV3)(CNV4), VH2

1. From the Tools Menu, Open C-Shell.
2. Type **gamma [Enter]** . The system should respond with the current setting. If the value is NOT correct for your version of software and Monitor combination:
3. Switch to root owner. (**su - [Enter]** ; password: **operator [Enter]**)
4. Enter the following: **jot /usr/pixmaps/colorPix.cfg [Enter]**

Note:

If you get a response: /usr/g/pixmaps/colorPix.cfg - No such file or directory, Refer to Section 2-7-1

5. *MANUALLY* edit the file. Type: **1.05 [Enter]** changing the value on the top line. (The file should ONLY have 1.05 on the top line.)
6. Select **“File”** , **“Save”**
7. Select **“File”** , **“Exit”**
8. Make the change permanent by a **REBOOT** of Signa.

2-7-5 Installing the Gamma Table

1. Insert GEMS Service Documentation CD ROM 2160623 Rev 14 or above. Or Service CD 2250758 Rev 2 or above into the Signa host CDROM drive. The service class of the service CDROM does not matter.
2. Insure Signa is booted to the scanning level. On any desktop, open a command window by placing the cursor on any part of the desktop, click and hold the right mouse button and scroll to select, **Service Tools** and then **Command Window**.
3. Type at the command prompt: (Commands are case sensitive, type as shown)

Command prompt:> **su <Enter>** (This will execute Super User)

Command prompt:> root password **operator <Enter>** (Default for Signa is “**operator**”)

Command prompt:> **mediad <Enter>** (Mounts CDROM Drive to File System)

Note

If a message appears stating “another mediad is already running”, ignore it.

Command prompt:> **cp /CDROM/gamma/* /usr/g/bin <Enter>** (Copy files to hard drive)

Command prompt:> **umount /CDROM <Enter>** (Release the CDROM Drive)

Command prompt:> **exit <Enter>** (Exit root ownership)

4. Remove the Service CDROM from the drive at this time.

2-6-6 Running the Gamma Tool To Install or Uninstall DICOM Gamma Tables

1. If not already available, open a command window by placing the cursor on any part of the desktop, click and hold the right mouse button and scroll to select, **Service Tools** and then **Command Window**.
2. At the command line type:
3. Command prompt:> **rungamma <Enter>**
4. The menu shown in Table 2-7 will display.

TABLE 2-7
GAMMA TOOL SELECTIONS

```
Make a selection between 1 and 7 to proceed!  
  
[1] For INSTALLING NEC 2010X Calibration  
[2] For UNINSTALLING NEC 2010X Calibration  
[3] For INSTALLING NEC 1850X Calibration  
[4] For UNINSTALLING NEC 1850X Calibration  
[5] For INSTALLING EIZO L660 Calibration  
[6] For UNINSTALLING EIZO L660 Calibration  
[7] For QUITTING this Program
```

5. Determine the LCD monitor type your system is using. The name and model number is found on the front face of the monitor.
6. At the prompt type the number corresponding to your monitor type and if you wish to install or uninstall the gamma tables.

The tool takes only seconds to run. A successful installation or removal message will appear and the system will go back to the command line prompt. Any errors reported will also suggest what to do next. Re-boot Signa after running this tool to activate changes.

REVISION HISTORY

REV	DATE	AUTHOR	PRIMARY REASONS FOR CHANGE
A	Oct 9, 2001	D. Hofstetter	Initial version.