

**WALT DISNEY STUDIOS MOTION PICTURES  
DIGITAL CINEMA APPROVED EQUIPMENT LIST  
APPROVAL PROCEDURE**

Dear Digital Equipment Provider,

The Walt Disney Company has always been known for its quality and attention to detail. Theatrically, Walt Disney Studios Motion Pictures (“WDSMP”) maintains those same high standards in the quality of the presentation of its movies. A significant part of that achievement is the equipment that supports this endeavor. In the rapidly changing world of digital cinema, WDSMP is maintaining an Approved Equipment List, which applies to all systems worldwide. Testing will be required for all 3D systems including hardware, firmware, software and 3D glasses. Equipment which is not included on the Approved Equipment List will not be booked nor will it receive VPF’s through deployment deals.

Thank you for supporting this process. We have listed the testing criteria for servers in Schedule 1. These will be referred to as the Disney Inter-Op Tests. We have also included our current Approved Equipment List.

It is the responsibility of the vendor to contact WDSMP to arrange for their equipment to reside on the Studio’s lot in Burbank for testing. The contacts for the WDSMP Approved Equipment List are:

Chris Witham, Director, Digital Cinema Technology  
Phone: (818) 560-1748  
Email: [chris.witham@disney.com](mailto:chris.witham@disney.com)

Kevin Rosenberger, Director of Projection Services  
Phone (818) 560-5115  
Cell (661) 212-0059  
Email: [kevin.rosenberger@disney.com](mailto:kevin.rosenberger@disney.com)

Martin Sansing, Vice President, Global Digital Cinema  
Phone (818) 560-6733  
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**WALT DISNEY STUDIOS MOTION PICTURES  
DIGITAL CINEMA APPROVED EQUIPMENT LIST  
AS OF October 18, 2013**

The Walt Disney Studios (“Disney”) is committed to the goal of presenting its digital content in theatres solely on DCI-compliant digital cinema equipment. The latest step toward the availability of fully DCI-Compliant equipment was DCI’s publication of its “DCI Compliance Test Plan” on October 17, 2007. This Test Plan provides for “licensed facilities to perform tests detailed by the Compliance Plan” and provides “guidance to manufacturers, integrators and exhibitors on the details required for testing and compliance.” **No projector or server can be DCI-compliant until it passes the Compliance Test.**

**The solution:** Until exhibitors can acquire DCI-compliant digital cinema equipment, Disney is encouraging continued deployment of digital cinema systems by licensing digital content for presentation, but only on digital cinema systems that meet or exceed Disney’s JPEG Inter-Op requirements and, for 3D content, only on systems that also meet Disney’s Stereoscopic (3D) requirements. Both of these requirements are generally consistent with the DCI Specification. Please see our Approved Digital Equipment Lists A and B below.

Please note that Disney is not making any representation or warranty as to the quality of the equipment or its general fitness for any purpose other than the exhibition of Disney content in this interim period. Further, if content security or material presentation problems arise in approved equipment, Disney may suspend delivery of content to such systems until the equipment supplier resolves such problems. Disney may from time to time remove equipment from the list.

**Message to Exhibitors:**

- When digital cinema equipment that passes the DCI Compliance Test Plan becomes commercially available, Disney within a reasonable time will refrain from any further license of digital content for exhibition on non-compliant systems, including systems that meet only Disney’s interim JPEG Inter-Op and Stereoscopic requirements.
- Disney does not reimburse theatres for their costs of acquisition of digital cinema equipment. Disney supports the financing of digital cinema rollouts through deployment entities with which Disney has signed agreements, all of which use only Disney approved equipment. For the names of these entities, please contact Martin Sansing. (Contact information below.)
- Finally, your installation of Disney-approved equipment does not guarantee that Disney will license a movie to your theatre. We will continue to negotiate each exhibition license on an engagement-by-engagement basis.

**Message to Deployment Entities, Integrators and Manufacturers:**

- Disney will pay virtual print fees (VPFs) only to a deployment entity with which it has a signed deployment agreement.
- Prior to the availability of fully DCI-compliant equipment, Disney will pay VPFs only for systems which meet both Disney’s JPEG Inter-Op and Stereoscopic (3D) interim requirements.

You may request the documents describing these requirements from:

- Martin Sansing ([Martin.Sansing@Disney.com](mailto:Martin.Sansing@Disney.com))
- Kevin Rosenberger ([Kevin.Rosenberger@Disney.com](mailto:Kevin.Rosenberger@Disney.com))
- Chris Witham ([chris.witham@disney.com](mailto:chris.witham@disney.com))

They are also published at <http://digitalcinema.disney.com>

- Please contact Martin Sansing or Kevin Rosenberger for information on testing of your equipment for possible inclusion on our approved list. The cost for the testing will be the responsibility of the Deployment Entity, Integrator or Manufacturer.
- The approval for the 3D-Tech system in November was provisional at specific theatres for a specific motion picture. This is final approval for the system worldwide.

Deployment Entity Contact:

Martin Sansing, VP Global Digital Cinema

Office (818) 560-6733

E-Mail: [martin.sansing@disney.com](mailto:martin.sansing@disney.com)

**DISNEY APPROVED EQUIPMENT**

**A. Approved equipment for Disney 2D and 3D [1] content and for inclusion in Disney supported deployments:**

**-Servers-**

| <b>Manufacturer</b>         | <b>Model</b> | <b>Version</b>                      |
|-----------------------------|--------------|-------------------------------------|
| DIGITAL CINEMA SYSTEMS CORP | FILMSTORE    | 2.5.0                               |
| DOLBY                       | CAT 862      | 4.3.5.13                            |
| DOLBY                       | CAT 862      | 4.3.5.6                             |
| DOLBY                       | CAT 862      | 4.3.5.9                             |
| DOLBY                       | CAT 862      | 4.4.0.37                            |
| DOLBY                       | CAT 862      | 4.4.048                             |
| DOLBY                       | DSP100       | 3.1.10                              |
| DOLBY                       | DSP100       | 3.1.11 (DOES NOT SUPPORT 7.1 AUDIO) |
| DOLBY                       | DSP100       | 3.1.15                              |
| DOLBY                       | DSP100       | 3.1.15.1                            |
| DOLBY                       | DSP100       | 3.1.9                               |
| DOLBY                       | DSP100       | 3.2.11.1                            |
| DOLBY                       | DSP100       | 3.2.11.2                            |
| DOLBY                       | DSP100       | 3.2.11.3                            |
| DOLBY                       | DSP100       | 3.2.11.4                            |
| DOLBY                       | DSP100       | 4.0.5.1                             |
| DOLBY                       | DSP100       | 4.0.7                               |
| DOLBY                       | DSP100       | 4.1.0                               |
| DOLBY                       | DSP100       | 4.1.3                               |
| DOLBY                       | DSS 200      | 3                                   |
| DOLBY                       | DSS 200      | 4.1.0                               |
| DOLBY                       | DSS 200      | 4.1.0.2                             |
| DOLBY                       | DSS 200      | 4.1.2                               |
| DOLBY                       | DSS 200      | 4.1.2.2                             |
| DOLBY                       | DSS 200      | 4.1.3                               |
| DOLBY                       | DSS 200      | 4.1.5.2                             |
| DOLBY                       | DSS 200      | 4.1.7.8                             |
| DOLBY                       | DSS 200      | 4.2                                 |
| DOLBY                       | DSS 200      | 4.2.0.42                            |
| DOLBY                       | DSS 200      | 4.2.1                               |
| DOLBY                       | DSS 200      | 4.2.1.3                             |
| DOLBY                       | DSS 200      | 4.2.3                               |
| DOLBY                       | DSS 200      | 4.3.1                               |
| DOLBY                       | DSS 200      | 4.3.2(2)                            |
| DOLBY                       | IMB          | CAT 745 TEMP                        |

| <b>Manufacturer</b> | <b>Model</b>                       | <b>Version</b>   |
|---------------------|------------------------------------|------------------|
| DOREMI              | DCP-2000                           | 0.5.2-22SP1      |
| DOREMI              | DCP-2000                           | 0.5.4-2          |
| DOREMI              | DCP-2000                           | 0.5.5-2          |
| DOREMI              | DCP-2000                           | 1.2.1.-0 21.1Z   |
| DOREMI              | DCP-2000                           | 2.0.10-0         |
| DOREMI              | DCP-2000                           | 2.0.5            |
| DOREMI              | DCP-2000                           | 2.0.7-0          |
| DOREMI              | DCP-2000                           | 2.1/21.1Y        |
| DOREMI              | DCP-2000                           | 2.2.10           |
| DOREMI              | DCP-2000                           | 2.2.3-0 21.1Z    |
| DOREMI              | DCP-2000                           | 21.02G           |
| DOREMI              | DCP-2000                           | 21.2G            |
| DOREMI              | DCP-2000                           | 5.2.14           |
| DOREMI              | DCP-2000                           | 5.2.26           |
| DOREMI              | DCP-2000                           | 5.2.28           |
| DOREMI              | DCP-2000                           | V1.04/21.1Z      |
| DOREMI              | DCP-2000                           | V1.2.0-0/21.1Z   |
| DOREMI              | DCP-2000                           | XX.84/0.5.1.28   |
| DOREMI              | DCP-2000                           | XX.84/0.5.2.18   |
| DOREMI              | DCP-2000                           | Z.2.3-0          |
| DOREMI              | DCP-2002                           | 0.5.2-26         |
| DOREMI              | DCP-2K4                            | 0.5.2-26         |
| DOREMI              | DCP-2K4                            | 0.5.4-2          |
| DOREMI              | DCP-2K4                            | 1.2.1-0          |
| DOREMI              | DCP-2K4                            | 2.0.10-0         |
| DOREMI              | DCP-2K4                            | 2.0.5-0          |
| DOREMI              | DCP-2K4                            | 2.0.7-0          |
| DOREMI              | DCP-2K4                            | 2.07/21.2G       |
| DOREMI              | DCP-2K4                            | 2.2.3-0          |
| DOREMI              | DCP-2K4                            | 5.2.28           |
| DOREMI              | DCP-2K4                            | V1.04/21.1Z      |
| DOREMI              | DCP-2K4                            | V1.2.0-0/21.1Z   |
| DOREMI              | IMB-2K (2K INTEGRATED MEDIA BLOCK) | 2.2.2-0          |
| DOREMI              | IMB-2K (2K INTEGRATED MEDIA BLOCK) | 2.2.3-0          |
| DOREMI              | IMB-2K (2K INTEGRATED MEDIA BLOCK) | 30.02P           |
| DOREMI              | IMB-2K (2K INTEGRATED MEDIA BLOCK) | V.2.0.4.0        |
| DOREMI              | IMB-2K (2K INTEGRATED MEDIA BLOCK) | V.2.05           |
| DOREMI              | IMB-2K (2K INTEGRATED MEDIA BLOCK) | V1.9.12 /30.02 K |
| DOREMI              | MONTAGE CDCS-2000                  | 0.5.2.26         |
| DOREMI              | MONTAGE CDCS-2000                  | 0.5.2-22SPI      |
| DOREMI              | MONTAGE CDCS-2000                  | 0.5.4-2          |
| DOREMI              | MONTAGE CDCS-2000                  | 5.2.28           |
| DOREMI              | MONTAGE CDCS-2000                  | V1.04/21.1Z      |
| DOREMI              | MONTAGE CDCS-2000                  | V1.2.0-0/21.1Z   |
| FILMSTORE           | NOT APPLICABLE                     | 2.5.0            |

| <b>Manufacturer</b>            | <b>Model</b>     | <b>Version</b>    |
|--------------------------------|------------------|-------------------|
| GDC                            | SA 1000          | OS 1.3A           |
| GDC                            | SA 2000(2D ONLY) | SA2K1.3A(2D ONLY) |
| GDC                            | SA 2100AQ        | 7.6G              |
| GDC                            | SA 2100Q         | 7.6G              |
| GDC                            | SA 2100T         | 7.6J              |
| GDC                            | SA 2100TQ        | 7.6G              |
| GDC                            | SA2100 (2D & 3D) | OS 1.3L/6.21N-3D  |
| GDC                            | SA2100A          | 7.7A              |
| GDC                            | SA2100A          | SA2K-1.4.20       |
| GDC                            | SA2100A          | SA2K-1.56         |
| GDC                            | SX 2000          | 7.6G              |
| GDC                            | SX 2000A         | 7.6J              |
| GDC                            | SX 2000T         | 7.6J              |
| GDC                            | SX 2001A         | 7.6J              |
| GDC                            | SX 2001AQ        | 7.6J              |
| GDC                            | SX 2001Q         | 7.6J              |
| GDC                            | SX 2001T         | 7.6J              |
| GDC                            | SX 2001TQ        | 7.6J              |
| KODAK                          | JMN 3000         | 6.2-024           |
| KODAK                          | JMN 3000         | 7.1.1_034         |
| KODAK                          | JMN 3000         | 7.2.1-006         |
| KODAK                          | JMN 3000         | 7.2_003           |
| KODAK                          | JMN 3000         | 8                 |
| KODAK                          | JMN 3000         | 9                 |
| KODAK                          | SMS              | 10.0.1-011        |
| KODAK                          | SMS              | 10.0_78           |
| KODAK                          | SMS              | 8.0_234           |
| KODAK                          | SMS 3000         | 10.0.1-011        |
| KODAK                          | SMS 3000         | 10.0-078          |
| KODAK                          | SMS 3000         | 9.0-048           |
| MEDIA BROADCAST (FKA TSYSTEMS) | DCFF             | 4.0 (2D ONLY)     |
| MEDIA BROADCAST (FKA TSYSTEMS) | DCFF             | 4.4.0.1           |

| Manufacturer | Model             | Version                          |
|--------------|-------------------|----------------------------------|
| CHRISTIE     | IMB TEMP          |                                  |
| DATASAT/DTS  | DC-20             | 2.5.1.3                          |
| ORISTAR      | AQ10              | 2.5.5.4                          |
| QU VIS       | CINEMA PLAYER     | 3.1.43 W/SERIES7 CPU CARD FOR 3D |
| QU VIS       | CINEMA PLAYER     | 3.2.16 W/SERIES7 CPU CARD FOR 3D |
| QU VIS       | CINEMA PLAYER     | 3.2.20 W/SERIES7 CPU CARD FOR 3D |
| QUBE         | XP-D              | 2.1.2.207                        |
| QUBE         | XP-D              | 2.3.1.10                         |
| QUBE         | XP-D              | 2.3.1.11                         |
| QUBE         | XP-D              | 2.3.1.12                         |
| QUBE         | XP-D              | 2.3.1.15                         |
| QUBE         | XP-D              | 2.3.1.20                         |
| QUBE         | XP-D              | 2.3.1.30                         |
| QUBE         | XP-D              | 2.3.1.7                          |
| QUBE         | XP-D              | 2.5.1.0                          |
| QUBE         | XP-D              | 2.5.1.3                          |
| QUBE         | XP-D              | 2.5.1.7                          |
| QUBE         | XP-D              | 2.5.3.1                          |
| QUBE         | XP-D              | 2.5.5.7                          |
| QUBE         | XP-D              | V.5                              |
| QUBE         | XP-D              | V2.5.1.6.                        |
| SONY         | LMT 200           | 1.15                             |
| SONY         | LMT 200           | 1.21                             |
| SONY         | LMT 200           | 1.24/2.20                        |
| SONY         | LMT 200           | 1.25                             |
| SONY         | LMT 200           | 1.6                              |
| SONY         | LMT 300           | 1.01                             |
| SONY         | LMT 300           | 1.25                             |
| SONY         | LMT 300           | 1.4                              |
| SONY         | LMT 300           | 1.6                              |
| SONY         | LMT 300           | 1.60.1                           |
| SONY         | LMT 300           | 2.2                              |
| SONY         | LMT 300           | 2.21.3                           |
| SONY         | SMS (LSM-100)     | 2.1                              |
| SONY         | SMS (LSM-100)     | 2.2                              |
| SONY         | SRX R210 LMT100   | 1.3                              |
| SONY         | SRX R210 LMT100   | 1.36                             |
| SONY         | SRX R220 LMT100   | 1.3                              |
| SONY         | SRX R220 LMT100   | 1.36                             |
| XDC          | CINESTORE SOLO G3 | 5.2-6                            |
| XDC          | CINESTORE SOLO G3 | 5.3.11                           |
| XDC          | CINESTORE SOLO G3 | 5.3.8                            |
| XDC          | CINESTORE SOLO G3 | 5.3.9.55                         |
| XDC          | CINESTORE SOLO G3 | 5.4.2.69                         |
| XDC          | CINESTORE SOLO G3 | 5.4-2                            |
| XDC          | CINESTORE SOLO G3 | 5.5.0.0                          |
| XDC          | CINESTORE SOLO G3 | 5.5.3.88 SP2                     |
| XDC          | SOLO G3           | 5.3.9.55                         |
| XDC          | SOLO G3           | 5.4.2                            |
| XDC          | SOLO G3           | 5.5.0.0                          |

-Projectors-

| <b>Manufacturer</b> | <b>Model</b> | <b>Version</b>     |
|---------------------|--------------|--------------------|
| BARCO               | DP 100       | 11.1.33            |
| BARCO               | DP 100       | 12                 |
| BARCO               | DP 100       | 13.02              |
| BARCO               | DP 100       | 14                 |
| BARCO               | DP 100E      | 3.08.01            |
| BARCO               | DP 1200      | 14                 |
| BARCO               | DP 1200      | 14.0.48            |
| BARCO               | DP 1500      | 11.1.33            |
| BARCO               | DP 1500      | 12                 |
| BARCO               | DP 1500      | 12.1.2             |
| BARCO               | DP 1500      | 13.02              |
| BARCO               | DP 1500      | 14                 |
| BARCO               | DP 1500      | 14.0.48            |
| BARCO               | DP 1500      | 14.1               |
| BARCO               | DP 2000      | 11.1.33            |
| BARCO               | DP 2000      | 12                 |
| BARCO               | DP 2000      | 12.1               |
| BARCO               | DP 2000      | 12.1.2             |
| BARCO               | DP 2000      | 12.1.3             |
| BARCO               | DP 2000      | 12.3               |
| BARCO               | DP 2000      | 13.02              |
| BARCO               | DP 2000      | 13.2.47            |
| BARCO               | DP 2000      | 14                 |
| BARCO               | DP 2000      | 14.0.48            |
| BARCO               | DP 3000      | 11.1.33            |
| BARCO               | DP 3000      | 12                 |
| BARCO               | DP 3000      | 12.1               |
| BARCO               | DP 3000      | 13.02              |
| BARCO               | DP 3000      | 14.0.48            |
| BARCO               | DP 90        | 11.1.33            |
| BARCO               | DP 90        | 12                 |
| BARCO               | DP 90        | 13.02              |
| BARCO               | DP 90        | 14                 |
| BARCO               | DPC 80       | T.I. ENIGMA 1.4.19 |



| <b>Manufacturer</b> | <b>Model</b> | <b>Version</b>                        |
|---------------------|--------------|---------------------------------------|
| BARCO               | DP2K-12C     | ENIGMA-1.4; ICP-1.2; BARCO-1.0        |
| BARCO               | DP2K-15C     | 1.2.126                               |
| BARCO               | DP2K-15C     | 1.4.19                                |
| BARCO               | DP2K-15C     | 1.7.78                                |
| BARCO               | DP2K-15C     | 2.01.00.276 ICP                       |
| BARCO               | DP2K-15C     | ENIGMA-1.4; ICP-1.2; BARCO-1.0        |
| BARCO               | DP2K-19B     | 1.7.78                                |
| BARCO               | DP2K-19B     | ENIGMA-1.4; ICP-1.2; BARCO-1.0        |
| BARCO               | DP2K-20C     | 1.4.19                                |
| BARCO               | DP2K-20C     | 1.7.78                                |
| BARCO               | DP2K-20C     | 10.6/1.2.126                          |
| BARCO               | DP2K-20C     | ENIGMA-1.4; ICP-1.2; BARCO-1.0        |
| BARCO               | DP2K-20C     | ENIGMA-1.4; ICP-2.0.276; BARCO-1.1.14 |
| BARCO               | DP2K-20C     | ICP 2.01.00.276                       |
| BARCO               | DP2K-23B     | 1.2.126                               |
| BARCO               | DP2K-23B     | 1.7.78                                |
| BARCO               | DP2K-23B     | ENIGMA-1.4; ICP-1.2; BARCO-1.0        |
| BARCO               | DP2K-32B     | 1.4.9                                 |
| BARCO               | DP2K-32B     | 1.7.78                                |
| BARCO               | DP2K-32B     | ENIGMA-1.4; ICP-1.2; BARCO-1.0        |
| BARCO               | DP2K-32B     | TI 3.00.314                           |
| BARCO               | DP4K-23B     | TI 3.00.314                           |
| BARCO               | DP4K-32B     | TI 3.00.314                           |

| <b>Manufacturer</b> | <b>Model</b> | <b>Version</b> |
|---------------------|--------------|----------------|
| CHRISTIE            | CP2000       | 11.1.33        |
| CHRISTIE            | CP2000       | 12             |
| CHRISTIE            | CP2000       | 12.0.37        |
| CHRISTIE            | CP2000       | 13.0.44        |
| CHRISTIE            | CP2000H      | 11.1.33        |
| CHRISTIE            | CP2000H      | 12             |
| CHRISTIE            | CP2000H      | 12.0.35        |
| CHRISTIE            | CP2000H      | 12.0.37        |
| CHRISTIE            | CP2000H      | 13.0.44        |
| CHRISTIE            | CP2000H      | 14             |
| CHRISTIE            | CP2000H      | 14.0.48        |
| CHRISTIE            | CP2000I      | 11.1.33        |
| CHRISTIE            | CP2000I      | 12             |
| CHRISTIE            | CP2000I      | 12.0.37        |
| CHRISTIE            | CP2000I      | 13.0.44        |
| CHRISTIE            | CP2000I      | 14.0.48        |
| CHRISTIE            | CP2000M      | 12.0.37        |
| CHRISTIE            | CP2000M      | 13.0.44        |
| CHRISTIE            | CP2000M      | 14.0.48        |
| CHRISTIE            | CP2000S      | 11.1.33        |
| CHRISTIE            | CP2000S      | 12             |
| CHRISTIE            | CP2000S      | 12.0.35        |
| CHRISTIE            | CP2000S      | 12.0.37        |
| CHRISTIE            | CP2000S      | 13.0.44        |
| CHRISTIE            | CP2000S      | 14.0.48        |
| CHRISTIE            | CP2000S      | 15.1.42        |
| CHRISTIE            | CP2000SB     | 11.1.33        |
| CHRISTIE            | CP2000SB     | 12.0.35        |
| CHRISTIE            | CP2000SB     | 12.0.37        |
| CHRISTIE            | CP2000SB     | 12.1.03        |
| CHRISTIE            | CP2000SB     | 13.0.44        |
| CHRISTIE            | CP2000SB     | 14.0.48        |
| CHRISTIE            | CP2000SB     | 14.08.18       |
| CHRISTIE            | CP2000SB     | 14.08.48       |
| CHRISTIE            | CP2000SB     | 15.1.52        |
| CHRISTIE            | CP2000X      | 11.1.33        |
| CHRISTIE            | CP2000X      | 12             |
| CHRISTIE            | CP2000X      | 12.0.37        |
| CHRISTIE            | CP2000X      | 13.0.44        |
| CHRISTIE            | CP2000X      | 14             |
| CHRISTIE            | CP2000X      | 14.0.48        |
| CHRISTIE            | CP2000XB     | 12.0.37        |
| CHRISTIE            | CP2000XB     | 13.0.44        |
| CHRISTIE            | CP2000XB     | 14.0.48        |

| <b>Manufacturer</b> | <b>Model</b> | <b>Version</b> |
|---------------------|--------------|----------------|
| CHRISTIE            | CP 2330      | 1.4.0 (8)      |
| CHRISTIE            | CP2000ZX     | 11.1.33        |
| CHRISTIE            | CP2000ZX     | 12             |
| CHRISTIE            | CP2000ZX     | 12.0.35        |
| CHRISTIE            | CP2000ZX     | 12.0.37        |
| CHRISTIE            | CP2000ZX     | 13.0.44        |
| CHRISTIE            | CP2000ZX     | 14.0.48        |
| CHRISTIE            | CP2000ZX     | 14.2.3         |
| CHRISTIE            | CP2000-ZX    | 11.1.33        |
| CHRISTIE            | CP2000-ZX    | 12             |
| CHRISTIE            | CP2000-ZX    | 12.0.37        |
| CHRISTIE            | CP2000-ZX    | 13.0.44        |
| CHRISTIE            | CP2210       | 1.0.3.0 (1)    |
| CHRISTIE            | CP2210       | 1.1 [116]      |
| CHRISTIE            | CP2210       | 1.2 (126)      |
| CHRISTIE            | CP2210       | 1.2.0 (9)      |
| CHRISTIE            | CP2210       | 1.3            |
| CHRISTIE            | CP2220       | 1.0.1.3        |
| CHRISTIE            | CP2220       | 1.0.3.0 (1)    |
| CHRISTIE            | CP2220       | 1.1 [116]      |
| CHRISTIE            | CP2220       | 1.2 (126)      |
| CHRISTIE            | CP2220       | 1.2.0 (9)      |
| CHRISTIE            | CP2220       | 1.3            |
| CHRISTIE            | CP2220       | 1.3.0(8)       |
| CHRISTIE            | CP2220       | 1.3.0.1        |
| CHRISTIE            | CP2220       | 1.3.1 (1)      |
| CHRISTIE            | CP2220       | 2.0.0(8)       |
| CHRISTIE            | CP2220       | 2.2.05         |
| CHRISTIE            | CP2230       | 1.0.3.0 (1)    |
| CHRISTIE            | CP2230       | 1.1 [116]      |
| CHRISTIE            | CP2230       | 1.2 (126)      |
| CHRISTIE            | CP2230       | 1.2.0 (9)      |
| CHRISTIE            | CP2230       | 1.3            |
| CHRISTIE            | CP2230       | 1.3.1 (1)      |
| CHRISTIE            | CP4220       | 2.0.0(8)       |
| CHRISTIE            | CP4230       | 2.0.0(8)       |

| <b>Manufacturer</b> | <b>Model</b>      | <b>Version</b>                        |
|---------------------|-------------------|---------------------------------------|
| CINEMECCAN          | CMC 65 D24        | 14                                    |
| CINEMECCAN          | CMC D2            | 11.1.33                               |
| CINEMECCAN          | CMC D2            | 12.1                                  |
| CINEMECCAN          | CMC D2            | 14                                    |
| CINEMECCAN          | CMC D2            | 14.0.48                               |
| CINEMECCAN          | CMC/BARCO DP2K-20 | ENIGMA-1.4; ICP-2.0.276; BARCO-1.1.14 |
| CINEMECCAN          | CMC3 D2           | 11.1                                  |
| CINEMECCAN          | CMC3 D2           | 11.1.33                               |
| CINEMECCAN          | CMC3 D2           | 12                                    |
| CINEMECCAN          | CMC3 D2           | 12.1                                  |
| CINEMECCAN          | CMC3 D2           | 12.1.3                                |
| CINEMECCAN          | CMC3 D2           | 12.3.1                                |
| CINEMECCAN          | CMC3 D2           | 14                                    |
| CINEMECCAN          | CMC3 D2           | 14.0.48                               |
| CINEMECCAN          | CMC4 D2           | 11.1.33                               |
| CINEMECCAN          | CMC4 D2           | 12                                    |
| CINEMECCAN          | CMC4 D2           | 12.1                                  |
| CINEMECCAN          | CMC4 D2           | 12.1.3                                |
| CINEMECCAN          | CMC4 D2           | 14                                    |
| CINEMECCAN          | CMC4 D2           | 14.0.48                               |
| CINEMECCAN          | CMC4 D2           | 14.1                                  |
| CINEMECCAN          | DPC 80            | 2.1.276                               |
| CINEMECCAN          | DPC 80            | T.I. ENIGMA 1.4.19                    |

| Manufacturer | Model        | Version   |
|--------------|--------------|---|
| KINOTON      | DCP 30 MX II | 2.01  |
| KINOTON      | DCP 30 SX II | 2.1.276   |
| KINOTON      | DCP 30 SX II | BARCO 1.3.41 / TI ICP 2.2.294/ TI ENGIMA 1.4.19 |
| KINOTON      | DCP30        | 11.1.33   |
| KINOTON      | DCP30        | 12  |
| KINOTON      | DCP30        | 12.1  |
| KINOTON      | DCP30        | 12.1.3  |
| KINOTON      | DCP30        | 14.0.84   |
| KINOTON      | DCP30L       | 11.1.33   |
| KINOTON      | DCP30L       | 12  |
| KINOTON      | DCP30L       | 12.1  |
| KINOTON      | DCP30L       | 12.1.3  |
| KINOTON      | DCP30L       | 13.1  |
| KINOTON      | DCP30L       | 14  |
| KINOTON      | DCP30L       | 14.0.48   |
| KINOTON      | DCP30L       | 14.04   |
| KINOTON      | DCP30L       | 14.1  |
| KINOTON      | DCP30LX      | 11.1.33   |
| KINOTON      | DCP30LX      | 12  |
| KINOTON      | DCP30LX      | 12.1  |
| KINOTON      | DCP30LX      | 12.1.3  |
| KINOTON      | DCP30LX      | 14  |
| KINOTON      | DCP30S       | 11.1.33   |
| KINOTON      | DCP30S       | 12  |
| KINOTON      | DCP30S       | 12.1  |
| KINOTON      | DCP30S       | 12.1.3  |
| KINOTON      | DCP30S       | 14  |
| KINOTON      | DCP30S       | 14.0.48   |
| KINOTON      | DCP30S       | 14.X  |
| KINOTON      | DCP30SX      | 11.1.33   |
| KINOTON      | DCP30SX      | 12  |
| KINOTON      | DCP30SX      | 12.1  |
| KINOTON      | DCP30SX      | 12.1.3  |
| KINOTON      | DCP30SX      | 14  |
| KINOTON      | DCP70        | 11.1.33   |
| KINOTON      | DCP70        | 12  |
| KINOTON      | DCP70        | 12.1  |
| KINOTON      | DCP70        | 12.1.3  |
| KINOTON      | DCP70L       | 11.1.33   |
| KINOTON      | DCP70L       | 12  |
| KINOTON      | DCP70L       | 12.1  |
| KINOTON      | DCP70L       | 12.1.3  |
| KINOTON      | DCP70S       | 11.1.33   |
| KINOTON      | DCP70S       | 12  |
| KINOTON      | DCP70S       | 12.1  |
| KINOTON      | DCP70S       | 12.1.3  |

| Manufacturer | Model      | Version                          |
|--------------|------------|----------------------------------|
| NEC          | 3240S      |                                  |
| NEC          | NC 1200C   | ENIGMA-1.1(14); ICP-1.1; NEC-1.  |
| NEC          | NC 1200C   | ICP 2.1                          |
| NEC          | NC 1200C   | ICP 3.3                          |
| NEC          | NC 1200C   | VSN 3                            |
| NEC          | NC 1600CA  | 13.2                             |
| NEC          | NC 2000    | 1                                |
| NEC          | NC 2000    | 2.0.2                            |
| NEC          | NC 2000C   | 1.2                              |
| NEC          | NC 2000C   | 2.2                              |
| NEC          | NC 2000C   | 2.3                              |
| NEC          | NC 2000C   | ENIGMA-1.1(14); ICP-1.1; NEC-1.0 |
| NEC          | NC 2000C   | ICP 2.1                          |
| NEC          | NC 3200    | 1                                |
| NEC          | NC 3200    | 2.113                            |
| NEC          | NC 3200    | ICP 2.1                          |
| NEC          | NC 3200S   | 1.0.0.5                          |
| NEC          | NC 3200S   | 1.2                              |
| NEC          | NC 3200S   | 1.2.1-0                          |
| NEC          | NC 3200S   | 1.2.126                          |
| NEC          | NC 3200S   | 2.1.276                          |
| NEC          | NC 3200S   | 2.1                              |
| NEC          | NC 3200S   | 3.003                            |
| NEC          | NC 3200S   | ICP 2.1                          |
| NEC          | NC 3200S   | ICP3.0                           |
| NEC          | NC1500C    | 11.1.33                          |
| NEC          | NC1500C    | 12                               |
| NEC          | NC1600C    | 11.1.33                          |
| NEC          | NC1600C    | 12                               |
| NEC          | NC1600C    | 13.1                             |
| NEC          | NC1600C    | 14                               |
| NEC          | NC1600C    | 14.0.48                          |
| NEC          | NC2500S    | 11.1.33                          |
| NEC          | NC2500S    | 12                               |
| NEC          | NC2500S    | 13.2                             |
| NEC          | NC2500S    | 14                               |
| NEC          | NC2500S    | 14.0.48                          |
| NEC          | NC2500S    | 2.1.276                          |
| NEC          | NC2500S    | 2.3                              |
| NEC          | NC800      | 11.1.33                          |
| NEC          | NC800      | 12                               |
| NEC          | NC800      | 12.0.33                          |
| NEC          | NC800C     | 11.1.33                          |
| NEC          | NC800C     | 12                               |
| NEC          | NC800C     | 14                               |
| NEC          | NEC 1200C+ | ICP 2.1                          |
| NEC          | NEC 2000C+ | ICP 2.1                          |

| Manufacturer | Model            | Version     |
|--------------|------------------|-------------|
| SONY         | SRX R210 LSM 100 | 1.05        |
| SONY         | SRX R210 LSM 100 | 2.01        |
| SONY         | SRX R220 LSM100  | 1.05        |
| SONY         | SRX R220 LSM100  | 1.24/2.20   |
| SONY         | SRX R220 LSM100  | 1.60.0/2.21 |
| SONY         | SRX R220 LSM100  | 2.01        |
| SONY         | SRX R320         | 1           |
| SONY         | SRX R320         | 1.60.0/2.21 |
| SONY         | SRX R320         | 2.1         |
| SONY         | SRX R320         | 2.2         |
| SONY         | SRX R320         | 3.6.1.0     |

**-3D Systems-**

| Provider                       |
|--------------------------------|
| 3D Tech                        |
| 3DGE by VOLFONI                |
| 3Din                           |
| 5-Star by WOVELEC              |
| Beijing Aigexinda              |
| best View                      |
| DepthQ                         |
| DOLBY                          |
| Espedeo 3D                     |
| Espedos 3D                     |
| Etoniq                         |
| Eyes3Shut                      |
| FOCUX 3D                       |
| GETD 3D                        |
| Hi-Shock                       |
| IMAX 3D                        |
| Leonis 3D                      |
| Le-Vision                      |
| LnR3D                          |
| MagicWin3D                     |
| MASTER IMAGE                   |
| NESTRI                         |
| Panastereo                     |
| Panavision Digital 3D System   |
| REAL D                         |
| SmartCrystal Cinema by Volfoni |
| Sony SRX-R320S                 |
| X-Mirror 3D                    |
| XpanD                          |
| XpanD Passive 3D               |

- (1) In order to receive Disney 3D content exhibitors must also use a Disney approved 3D Display system
- (2) QuVis Cinema Player must have VSP 9 circuit card installed to support 3D playback
- (3) Panavision is approved for the Digital 3D system. It does not include the film-based system.

**B. Approved equipment for Disney 2D only (not 3D); no VPF payments:**

**\*Servers\***

| Manufacturer    | Model                 | Version            |
|-----------------|-----------------------|--------------------|
| DTS             | FILMSTRORE_MD10H17400 | 2.0.0.54(2D ONLY)  |
| GDC             | SA 2000(2D ONLY)      | SA2K1.3A(2D ONLY)  |
| MEDIA BROADCAST | (FKA TSYSTEMS)        | DCFF 4.0 (2D ONLY) |
| SONY            | LMT 200               | 1.02 (2D ONLY)     |
| SONY            | SRX R210 LMT100       | V1.28 (2D ONLY)    |
| SONY            | SRX R220 LMT100       | V.1.28 (2D ONLY)   |
| XDC             | SOLO G3               | 5.1.1.25(2D ONLY)  |

**\*Projectors\***

| Manufacturer | Model           | Version           |
|--------------|-----------------|-------------------|
| NEC          | IS15(2D ONLY)   | 11.1.33 (2D ONLY) |
| NEC          | IS8(2D ONLY)    | 11.1.33(2D ONLY)  |
| SONY         | SRX R210 LSM100 | V1.30 (2D ONLY)   |
| SONY         | SRX R220 LSM100 | 1.04 (2D ONLY)    |
| SONY         | SRX R220 LSM100 | V1.30 (2D ONLY)   |

**\*Integrated Projector/Servers\***

(3) Version number listed refers to the T.I version, not the manufactures number

(4) Old models are supported only in the 2D mode. Modifications to older projectors are needed to support 3D at “triple flash” (144Hz) – such upgraded projectors may be approved for Disney 3D content.

| Manufacturer | System Model   | Media Block Model | Media Block Version | SMS Model | SMS Version |
|--------------|----------------|-------------------|---------------------|-----------|-------------|
| Sony         | SRX R-210, 220 | LMT100            | V1,28               | LSM100    | V1.30       |

If and when manufacturers upgrade systems on List B to meet Disney’s Stereoscopic (3D) requirements, such models will be moved to List A. As Disney approves new systems Disney will post updates on the website <http://digitalcinema.disney.com/>

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**The Bottom Line:**

**As DCI-compliant equipment becomes commercially available, Disney intends to refrain from any further support for interim-approved equipment.** To avoid disappointment and surprise, we strongly encourage Exhibitors considering purchasing digital cinema equipment or participating in a deployment plan to determine in advance whether their deployment entity, integrator or equipment supplier will upgrade such equipment to be DCI-compliant, and we encourage deployment entities, integrators and manufacturers to be prepared to do so.

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## SCHEDULE 1

### Server "Interop" Evaluation Procedures

#### Server Test Procedures

| CTP Section <sup>[1]</sup> | Description                               | Notes                  |
|----------------------------|---|------------------------|
| 5.1.1                      | SPB Digital Certificate                   | steps 1 and 2 only     |
| 6.2.4                      | IMB Link Encryption                       | steps 1-4 only         |
| 6.4.2                      | Granularity of FM Control                 |                        |
| 6.5.2                      | Decoder Requirements                      | steps 1-3 only         |
| 6.6.1                      | Digital Audio Interfaces                  | steps 1 and 2 only     |
| 6.7.2                      | Timed Text Synchronization                |                        |
| 6.7.3                      | Support for Multiple Captions             |                        |
| 8.1.1                      | Storage System Ingest Interface           | also requires USB+Ext3 |
| 8.1.2                      | Storage System Capacity                   | steps 1 and 2 only     |
| 8.1.3                      | Storage System Redundancy                 | steps 1-6 only         |
| 8.1.4                      | Storage System Performance                |                        |
| 8.2.4                      | KDM Validity Checks                       |                        |
| 8.2.6                      | Interrupt Free Playback                   |                        |
| 8.2.7                      | Artifact Free Playback of Image Content   |                        |
| 8.2.8                      | Restarting Playback                       |                        |
| N/A                        | Six Hour Holdover Behavior <sup>[2]</sup> |                        |

#### Manufacturer Assertions

|         |                                 |
|---------|---------------------------------|
| 10.4.2  | Theater System Storage Security |
| 10.4.43 | FM Insertion Requirements       |
| 10.4.48 | FM Control Instance             |

#### Notes:

- (1) All procedures to be performed with "JPEG Interop" DCP and, where applicable, SMPTE 430-1-2006 KDM
- (2) SMPTE 430-1-2006 KDM shall contain a single value in the DeviceInfoList. The value shall be the certificate thumbprint of the target SM.

<sup>[1]</sup> DCI Compliance Test Plan (CTP) 1.0 is available at [http://www.dcimovies.com/DCI\\_CTP\\_v1\\_0.pdf](http://www.dcimovies.com/DCI_CTP_v1_0.pdf)

<sup>[2]</sup> The Device is required to continue a playout begun before KDM expiration up to six (6) hours past the expiration time.