

# CineCert

2840 NORTH LIMA STREET, SUITE 110A  
BURBANK, CA 91504

TEL: (818) 563-1455 FAX: (818) 563-1459

**Notice pursuant to Section 2.3.2 of the Testing Authorization and Test Suite  
Licensing Agreement made and entered into as of October 1, 2008 by and between  
Digital Cinema Initiatives (DCI) and CineCert, LLC.**

To:

Chairman, DCI Member Representatives Committee

Chairman, DCI Technical Committee

<b>Report Dated</b>	June 17, 2011
<b>CTP Chapter</b>	Chapter 14. Digital Cinema Projector Consolidated Test Sequence
<b>Equipment Tested</b> Manufacturer Make Model Version	Barco NV Digital Projector DPC-80 1.5.56 <i>(detailed version information below)</i>
<b>Report Number</b>	CC-BA-DPC80-06172011
<b>Result</b>	No Failures Detected

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## Version Detail:

### DPC-80 Digital Cinema Projector

Module	Version
<b>Exterior Labels</b>	
Model	BARCO DPC-80 Made in Italy by Cinemeccanica s.p.a.
Art number	R9005905
cod number	D16319
Manufactured	04/04/2011
Serial number	1198500025
<b>BARCO Communicator</b>	
communicator header	4.2.4 DPC80-1198500011
barco	1.5.56
<b>applications</b>	
8051flash program	1.2.6
archivelog script	1.1.2
auto lamp alignment program	1.0.1
broadcast program	1.0.1
check upgrade script	1.2.3
clo program	1.4.5
do upgrade script	1.1.2
get deviceinfo script	1.2.3
get emergency-button program	1.0.1
get fanspeeds script	1.2.3
get log script	1.0.1
get projectortype program	1.0.1
get syslog script	1.1.2
get temperatures script	1.3.4
get versions script	1.3.7
get voltages script	1.2.3
jam program	2.4.5
main program	1.5.44
master clo program	1.0.2
readprofile program	1.1.2
restart program	1.0.1
router configuration files	1.1.7
router program	1.0.1
sent to socket program	1.1.2
snmpagent program	2.3.1
spitflash program	1.0.3
startup script	1.3.4
ti broadcast program	1.0.1
ti marriage program	1.1.2
xsvf program	5.1.7

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<b>firmware</b>	
button module	1.0.1
cinemacontroller cpld	1.3.2
cinemacontroller xilinx	1.1.12
dvi-a edid data	1.1.1
dvi-b edid data	1.1.1
fan control board	1.1.2
fan control board data	1.2.3
image media block fpga	1.2.15
light sensor	1.0.1
router data	1.1.7
router firmware	7.10.8
<b>other</b>	
barco versions file	1.5.60
www	1.3.9
<b>system (kernel, drivers, libraries ...)</b>	
device driver celosia	1.0.1
device driver i2c-algo-mpc5xxx	4.2.3
device driver i2c-dev	4.0.1
device driver i2c-icecube	4.2.3
device driver mem-dev	4.0.1
device driver spi-dev	4.0.2
ftp service script	1.0.1
hostname service script	1.1.3
ip configuration task	1.0.2
ip reconfiguration task	1.0.1
kernel	2.4.25.9
library for xml	2.5.3
main program service script	1.0.1
ramdisk service script	1.0.1
scheduler data (crontab)	1.1.3
<b>ti</b>	3.0.314
<b>ti formatter subsystem</b>	
ti dmd data	0.0.13
ti firmware boot	0.0.0
ti firmware configuration fpga	1.0.25
ti firmware main	4.5.123
ti firmware satellite	4.5.82
ti sequence data	0.6.41
ti software boot	0.0.0
ti software main	4.5.143
<b>integrated cinema processor (icp)</b>	
kernel	2.6.10
operating system	0.0.0
ramdisk	0.0.0
ti firmware boot	0.0.0
ti firmware configuration fpgs	0.0.4
ti firmware main	3.1.81

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ti software boot	0.0.0
ti software main	3.0.314
<b>secure processor board</b>	
software main	1.6.0
<b>ti link decryptor</b>	
fpga firmware	1.4.19
oem security officer list	2.12.12
ti login list	0.1.1
<b>TI ICP and Enigma Control Application</b>	
Enigma Info	1.00 (93)
Enigma (Series 2) serial number:	86 0B 1E 2F 04 18 0E 54
Enigma	P1.4(19)
FPGA Firmware	2.12(12)
TI Login List	0.1(1)
OEM Security Officer List	0.1(1)
<b>ICP Info</b>	
ICP (Series 2) serial number:	01 51 FD 5A 14 00 00 79
ICP	3.0.314
OS	0.00 (0)
Kernel	2.06 (10)
RAMDISK	0.00 (0)
ICP Boot Software	0.00 (0)
ICP Boot Firmware	0.00 (0)
ICP Main Software	3.00 (314)
ICP Main Firmware	3.01 (81)
ICP Configuration Firmware	0.00 (4)
Secure Processor Software	1.06 (0)
FMT Boot Software	0.00 (0)
FMT Boot Firmware	0.00 (0)
FMT Main Software	4.05 (143)
FMT Main Firmware	4.05 (123)
FMT Satellite Firmware	4.05 (82)
FMT Configuration Firmware	1.00 (25)
FMT Sequence File	0.06 (41)
FMT DMD File	0.00 (13)
Login List	0.1(1)
<b>Enigma Board Hardware Identification</b>	
S/N:	10435120600C
Board Assy. Identification	<p>Top side of board:  Silkscreen: ENIGMA BOARD CCA 2509488-[ ] REV [ ]  White sticker (barcode): MAC I.D. 08:00:28:6E:04:9A  White sticker (barcode): B401632 REV. 01.00 MSN:  1043512060C  Silkscreen: OPC (backwards)'R'U 1298ML 94VO36 10(01)6  Silkscreen: ACD# TIDL-16340-06  White sticker: Rel. 1.4  White sticker (barcode): SJ408544</p> <p>On security cover:  White sticker: BATTERY DATE 10/25/10</p>

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	<p>Bottom side of board: Silkscreen: 00139A06 Silkscreen: DGI102891C-7 White sticker (barcode): SJ414979</p>
<b>SMPTE 292/424 IN Board Hardware Identification</b>	
Board Assy. Identification	<p>Top side of board: White sticker: BFT White sticker: 4110 White sticker (barcode): R765534 - 14.00 White sticker (barcode): 9692 084306 Silk screened: R782327-03 Etched: R782327 E-03 Silk screened: 3210</p>
<b>ICP Board Hardware Identification</b>	
S/N:	1050619200C
Board Assy Identification	<p>Top side of board: Silkscreen: INTEGRATED CINEMA PROCESSOR BOARD PWB 2509275-4 REV [ ] CCA 2509274- [ ] REV [ ] ESD 2509273 REV [ ] MSN [ ] White sticker (barcode): SJ449832 Silkscreen: OPC 45 10 (01)6 (backwards)'R'U 1298ML 94VO Silkscreen: SERIAL NO.: Silkscreen: DGI102890B-4 White sticker (barcode): SJ459732 (followed by) white sticker Rel. 2.2 White sticker (barcode): B4016315 REV. 04.00 MSN: 1050619200C White sticker (barcode): MAC I.D. 08:00:28:6E:2E:CA White sticker on U30: 2510302-0003</p> <p>Bottom side of board: Etched: ACD# TIDL P-15845-05</p>
<b>Barco CPU Board Hardware Identification</b>	
Board Assy Identification	<p>Top side of board: Etched on PCB: R782326 E-04 Silk screened on PCB: 2610 R782326-04 White Sticker: BFT White sticker (barcode): MAC ID 00:04:A5:25:19:80 White sticker 3310 White sticker (barcode): 9692 060730 White sticker (barcode): R7655331 -06 .00</p> <p>Daughterboard: Silk screened on PCB: R782511-02 White sticker )barcode): 9692 059351</p>

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	White sticker (barcode): R765830 -02.AB White sticker: 3210
<b>Fan Controller Board Hardware Identification</b>	
Board Assy Identification	Top side of board: Etched on PCB: R782324 E-02 Silk screened on PCB: 2610 R782324-2 White sticker (barcode): R765530 -08.01 White sticker (barcode): 9692 065933 White sticker: BFT White sticker: 3510
<b>Cardcage Motherboard Hardware Identification</b>	
Board Assy Identification	Top side of board: White sticker: R7655325-02 White sticker (barcode): 9692 069198 White sticker: ICT White sticker: 3710
<b>Light Engine Hardware Identification</b>	
Shield	White sticker: 000226 MEOPTA White sticker: TA1873 Assy. 1 OTK 65 White sticker: TM
Board 1 (Red) Assy Identification	Top side of board: White sticker (barcode): R7656442 05 AA White sticker (barcode): 9692 047406 White sticker: 2410
Board 2 (Green) Assy Identification	(board identification not visible without disassembling/removing light engine)
Board 3 (Blue) Assy Identification	(board identification not visible without disassembling/removing light engine)
<b>Lens Identification</b>	
Labeling around front of lens	pgBFL 116.5mm DLP Cinema® 2.5/35.3-41mm 1.2" DC2K Zoom (1.25-1.45):1 Lens

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## TI Components

See Section VI for explanation of revision differences

### Enigma Module:

<b>Enigma Hardware Module Identification:</b>	
S/N:	0919044550C
PCB Labeling:	Silk screened on PCB: ENIGMA BOARD CCA 2509488-[ ] REV [ ] PWB 2509490-2 REV [ ] ESD 2509489 REV [ ] MSN [ (White Sticker) ACD# TIDL-16340-05 White sticker: 2509488-0002 REV. A MSN: 0919044550C Green sticker: SJ121605
<b>Enigma Software Version Identification:</b>	
S/N - Enigma (Series 2)	Control Program 1.00(93) 86 09 E1 D0 0C 13 0E 83
Enigma	P1.4(19)
FPGA Firmware	2.12(12)
TI Login List	Enigma CSP 0.1(3)
OEM Security Officer List	Enigma CSP 0.1(3)

### ICP Module:

<b>ICP Hardware Module Identification:</b>	
S/N	0927058500C
PCB Labeling:	Silk screened on PCB top: INTEGRATED CINEMA PROCESSOR BOARD PWB 2509275-4 REV [ ] CCA 2509274- [ ] REV [ ] ESD 2509273 REV [ ] MSN [ ] White sticker: 2509274-0004 REV. D MSN: 0927058500C Green sticker: SJ129323 Silk screened on PCB bottom: ACD# TIDL-15845-05 White sticker on U30: 2510302-0002 White sticker on U29: 2510303-0001 White sticker on U28: 2510305-0001 White sticker on U40: 2510304-0002
<b>ICP Software Version Identification:</b>	
S/N - ICP (Series 2)	Control Program 1.00(93) 01 00 C1 C7 13 00 00 C3

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<b>ICP Release</b>	ICP 1.2. 126
OS	0.00 (0)
Kernel	2.06 (10)
RamDISK	0.00 (0)
ICP Boot Software	0.00 (0)
ICP Boot Firmware	0.00 (0)
ICP Main Software	1.02 (126)
ICP Main Firmware	1.01 (60)
ICP Configuration Firmware	0.00 (4)
Secure Processor Software	1.06 (0)
FMT Boot Software	0.00 (0)
FMT Boot Firmware	0.00 (0)
FMT Main Software	4.05 (128)
FMT Main Firmware	4.05 (93)
FMT Satellite Firmware	0.00 (0)
FMT Configuration Firmware	1.00 (24)
FMT Sequence File	0.05 (34)
FMT DMD File	0.00 (9)
Login List	Default Login List



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To: Chairman, DCI Member Representatives Committee  
Contracted DCI Licensed Test Entity

<b>From:</b>	
<b>Manufacturer</b>	Barco NV
<b>Testament Submission Date</b>	9 March 2012
<b>Equipment Tested (Family Item 0)</b> Make Model Version	Digital Projector DPC-80 1.5.56
<b>Family Item 1</b> Make Model Version	Digital Projector DPC4K-80 1.5.56
<b>Printed Name</b>	Rombaut Ignace
<b>Job Title</b>	R&D Director Digital Cinema
<b>Signature</b>	Ignace Rombaut 