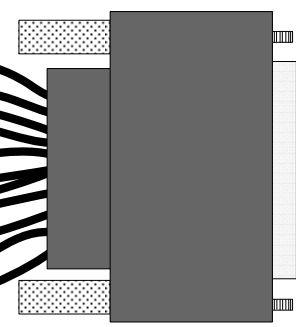
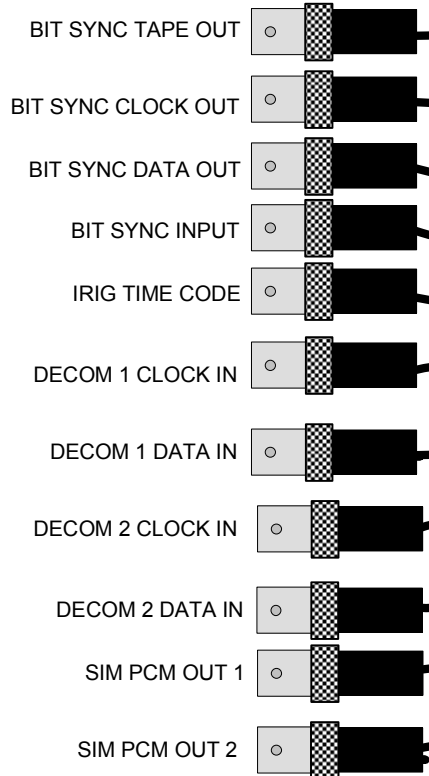


Date	Revision History



HD44 D-Style  
Male Plug  
w / Thumb Screws

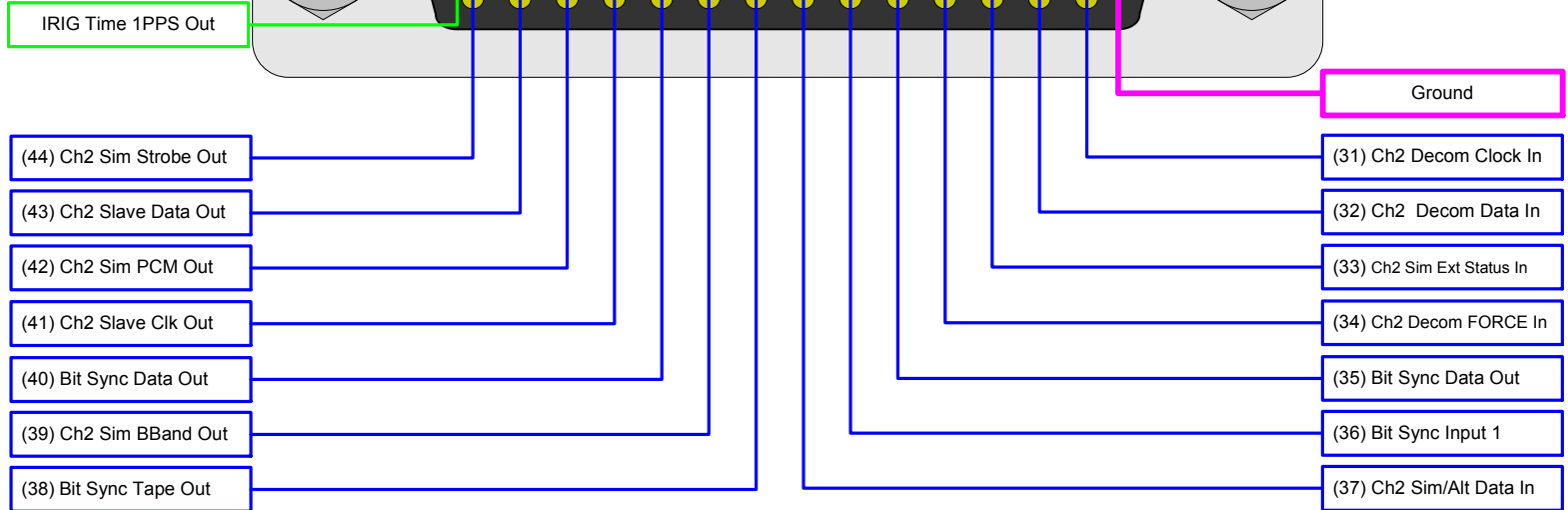
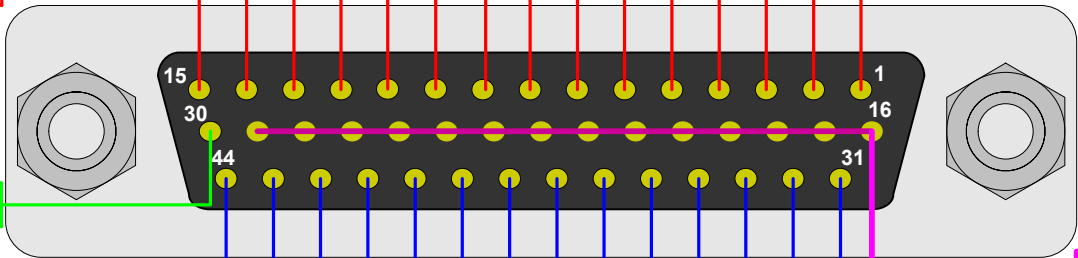
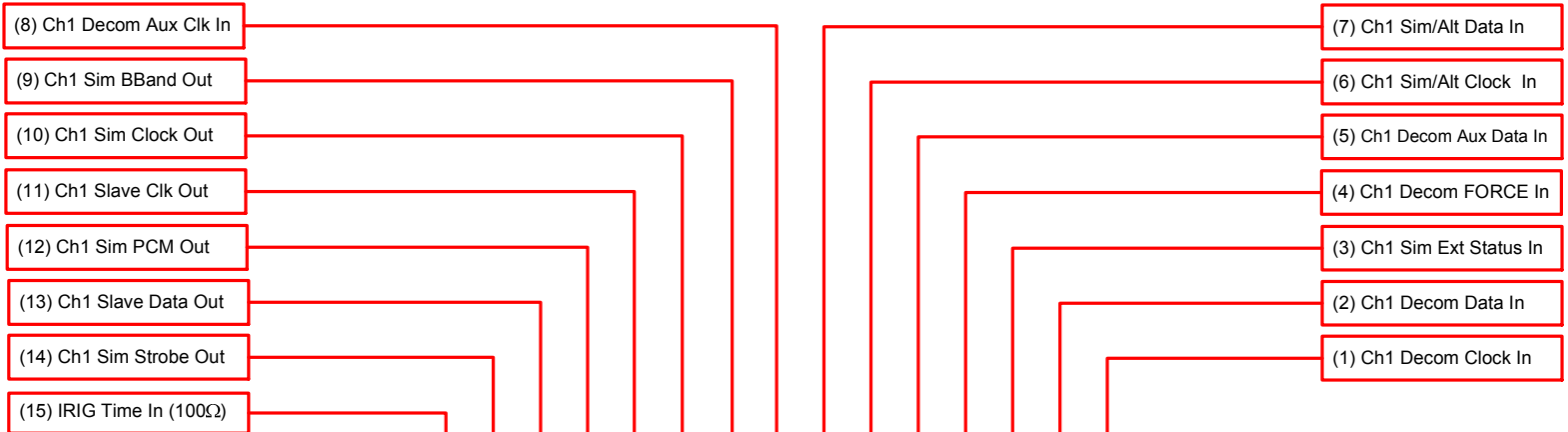
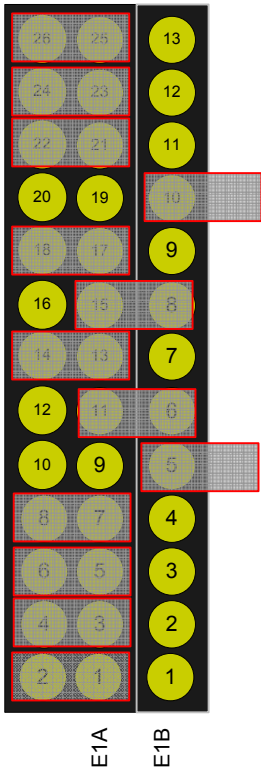
D-Style Connector Pin/ Contact No.	Label Text/Color	Pigtail Type	Signal Details
38	BIT SYNC TAPE OUT	BNC-F	BIT SYNC TAPE OUT
35	BIT SYNC CLOCK OUT	BNC-F	BIT SYNC CLOCK OUT
40	BIT SYNC DATA OUT	BNC-F	BIT SYNC DATA OUT
6	BIT SYNC INPUT	BNC-F	BIT SYNC INPUT
15	IRIG TIME CODE	BNC-F	IRIG TIME CODE INPUT/OUTPUT
1	DECOM 1 CLOCK IN	BNC-F	DECOM 1 CLOCK IN
2	DECOM 1 DATA IN	BNC-F	DECOM 1 DATA IN
32	DECOM 2 CLOCK IN	BNC-F	DECOM 2 CLOCK IN
31	DECOM 2 DATA IN	BNC-F	DECOM 2 DATA IN
12	SIM PCM OUT 1	BNC-F	SIM PCM OUTPUT 1
42	SIM PCM OUT 2	BNC-F	SIM PCM OUTPUT 2
16,17,20,21,22,23,24, 25,26,29,	(N/A)	(N/A)	Ground

**Assembly Notes:**

- 1.) Apply signal labels near connector end of cable pigtails and secure with clear heat shrink.
- 2.) All signal cable pigtails to be constructed from RG-174, approximately 12" in length.
- 3.) Apply LS55DD label to one side of D-connector housing and C550101 to the other side.
- 4.) In order to view B/S Data Out and B/S Clock Out on an oscilloscope, wire wrap modification needs to be made to the board.

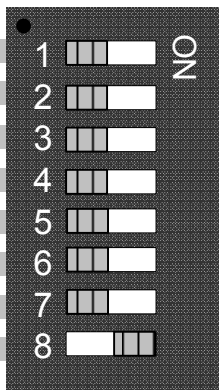
Lumistar Inc. 2701 Loker Ave West, Suite 230 Carlsbad, CA 92008 (760) 431-2181		
Title: <b>LS55DD Interface Cable Assembly Drawing</b>		
Size <b>A</b>	Document Number: C550102	REV -
04/25/07		Sheet 1 of 1

# LS55P2 w LS40 (C0550102) Pinout



IRIG Time 1PPS Out

Ground



**Note:**  
 1.) Wire needs to be place between E1A-19 and E1B-2 for Bit Sync Data Out  
 2.) Wire needs to be placed between E1A-9 and E1B-1 for Bit Sync Clock Out

Lumistar Inc. 2701 Loker Ave West, Suite 230 Carlsbad, CA 92008 (760) 431-2181		
Title: <b>LS55DD Interface Cable Assembly Drawing</b>		
Size A	Document Number: C550102	REV -
04/25/07		Sheet 2 of 2