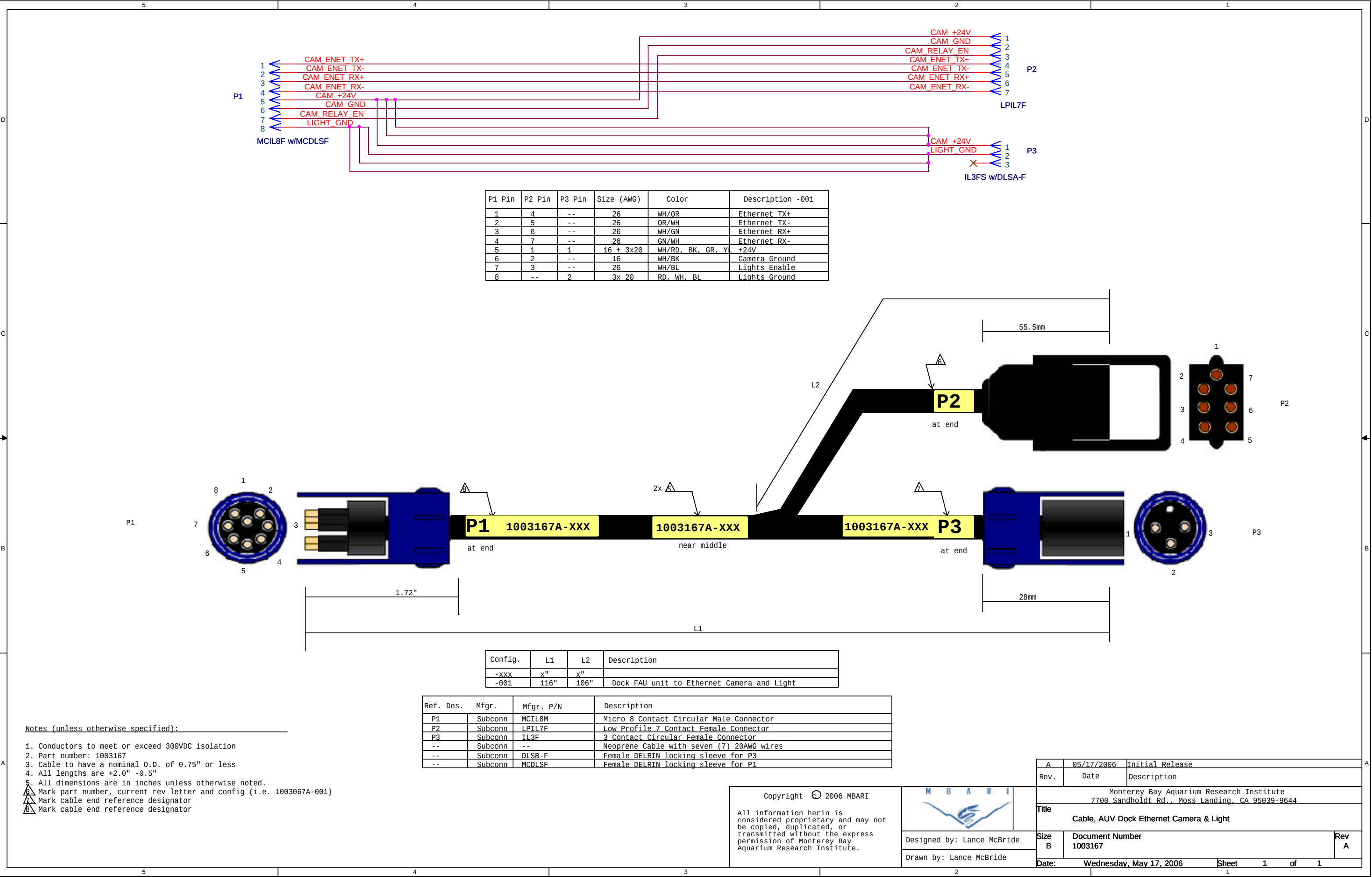




P1 Pin	P2 Pin	P3 Pin	Size (AWG)	Color	Description -001
1	4	--	26	WH/OR	Ethernet TX+
2	5	--	26	OR/WH	Ethernet TX-
3	6	--	26	WH/GN	Ethernet RX+
4	7	--	26	GN/WH	Ethernet RX-
5	1	1	16 + 3x20	WH/RD, BK, GR, YL	+24V
6	2	--	16	WH/BK	Camera Ground
7	3	--	26	WH/BL	Lights Enable
8	--	2	3x 20	RD, WH, BL	Lights Ground

Config.	L1	L2	Description
-XXX	x"	x"	
-001	116"	106"	Dock FAU unit to Ethernet Camera and Light

Ref. Des.	Mfgr.	Mfgr. P/N	Description
P1	Subconn	MCIL8M	Micro 8 Contact Circular Male Connector
P2	Subconn	LPIL7F	Low Profile 7 Contact Female Connector
P3	Subconn	IL3F	3 Contact Circular Female Connector
--	Subconn	--	Neoprene Cable with seven (7) 20AWG wires
--	Subconn	DLSB-F	Female DELRIN locking sleeve for P3
--	Subconn	MCDLSF	Female DELRIN locking sleeve for P1

Notes (unless otherwise specified):

1. Conductors to meet or exceed 300VDC isolation
2. Part number: 1003167
3. Cable to have a nominal O.D. of 0.75" or less
4. All lengths are +2.0" -0.5"
5. All dimensions are in inches unless otherwise noted.
6. Mark part number, current rev letter and config (i.e. 1003067A-001)
7. Mark cable end reference designator
8. Mark cable end reference designator

Copyright © 2006 MBARI

All information herein is considered proprietary and may not be copied, duplicated, or transmitted without the express permission of Monterey Bay Aquarium Research Institute.

MBARI

Designed by: Lance McBride

Drawn by: Lance McBride

Rev.	05/17/2006	Initial Release
Date		
Monterey Bay Aquarium Research Institute 7700 Sandholdt Rd., Moss Landing, CA 95039-9644		
Title Cable, AUV Dock Ethernet Camera & Light		
Size B	Document Number 1003167	Rev A
Date:	Wednesday, May 17, 2006	Sheet 1 of 1