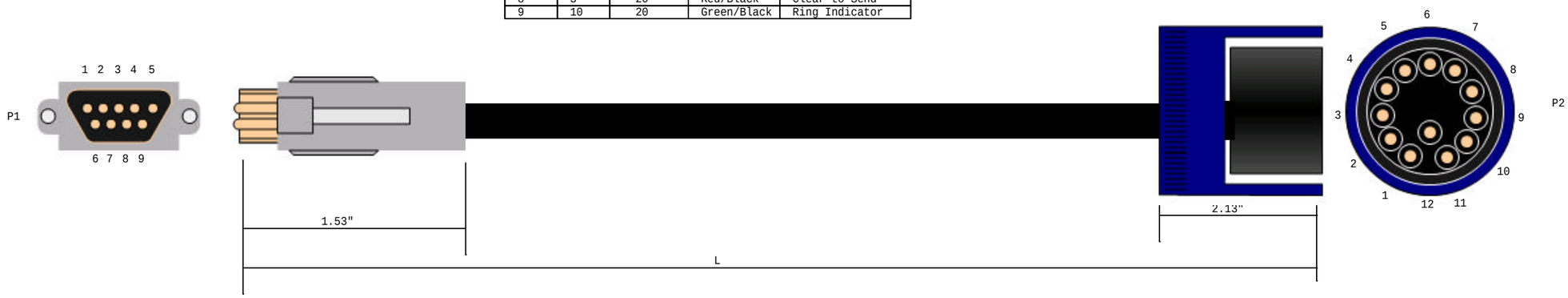
P1 Pin	P2 Pin	Size (AWG)	Color	Description -001
1	9	20	White	Carrier Detect
2	1	20	Black	Receive Data
3	2	20	Green	Transmit Data
4	7	20	Red	Data Term. Ready
5	6	20	Orange	Ground
6	8	20	Blue	Data Set Ready
7	5	20	White/Black	Request to Send
8	3	20	Red/Black	Clear to Send
9	10	20	Green/Black	Ring Indicator



Config.	L	Description
-xxx	x"	
-001	1200"	Controller radio debug cable

Ref. Des.	Mfgr.	Mfgr. P/N	Description
P1	Norcomp	172-009-102-001	Connector, Male DB9 with solder cups
P2	Seacon	AWO-12-FS	ALL WET 12-pin Female
--	Seacon	--	Neoprene Cable with seven (7) 20AWG wires
--	Norcomp	972-009-010-031	Plastic hood for DB9 connector
--	Seacon	AWO-MLSD	ALL WET AWO Male Delrin locking sleeve
--	3M	2130 Size B	Scotchcast

Notes (unless otherwise specified):

1. Cable jacket to be neoprene per B/A X5727
2. Cable to meet minimum current capacity of 4.9 Amps per conductor
3. All lengths are +2.0" -0.5"
4. Fill P1 with 3M Scotchcast
5. Carry all unused conductors from P2 to within 3" of P1
6. Attach P1 per manufacturer's instructions
7. All dimensions are in inches unless otherwise noted.

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M B A R I

Designed by: Lance McBride

Drawn by: Lance McBride

Rev.	Date	Description
A	11/07/2003	Initial Release

Monterey Bay Aquarium Research Institute
7700 Sandholdt Rd., Moss Landing, CA 95039-9644

Title: Cable, Controller radio debug cable

Size: B | Document Number: 1002173 | Rev: A

Date: Monday, November 10, 2003 | Sheet 1 of 1