

P1

P2

P1 Pin	P2 Pin	Size (AWG)	Color	Description
1	-	-	-	Ground Power, +12V
2	5	20	Orange	
3	3	20	Green	
4	2	20	Black	
5	1	20	White	
6	4	20	Red	

P1

P2

Ref.Des.	Mfgr.	Mfgr P/N	Description
P1 P2 --	BULGIN SEACON ?	PX0738/P AWQ-7/42P-MP ?	Bucanneer Plug 6-Pin 3-Amp ALL WET Split 7 Pin Neoprene Cable with 5 20AWG wires

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
3. All lengths are +2.0" -0.5"
4. Attach connectors as required by manufacturer

Config	L	Description
-xxx -001	x" 87.0"	Controller to Heave sensor MOOS Engr. Dep.

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Cable, MOOS Controller can to
Triaxys Heave Sensor

Drawn By: Lance McBrideDOC #: 1001531REV. A

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P1

P2

P1 Pin	P2 Pin	Size (AWG)	Color	Description
1	2	20	Black	Power, +12V
2	3	20	Green	
3	5	20	Orange	
4	4	20	Red	
5	6	20	Blue	Ground
6	1	20	White	
7	7	20	White/Black	
8	-	-	-	
9	-	-	-	SPARE
10	-	-	-	
11	-	-	-	
12	-	-	-	

P1

P2

2.01"

2.13"

L

Notes (unless otherwise specified):

1. Cable jacket to be neoprene per B/A X5727
2. Cable to meet minimum current capacity of 3.5 Amps
3. All lengths are +2.0" -0.5"

Ref.Des.	Mfgr.	Mfgr P/N	Description
P1 P2 --	SEACON SEACON ?	AWO-12-MP AWQ-7/42P-MP ?	ALL WET Round 12 Pin ALL WET Split 7 Pin Neoprene Cable with 6 20AWG wires

Config	L	Description
-xxx -001	x" 101.0"	Controller to satellite modem MOOS Engr. Dep.

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Cable, MOOS Controller can to
Globalstar Satellite Modem

Drawn By: Lance McBride

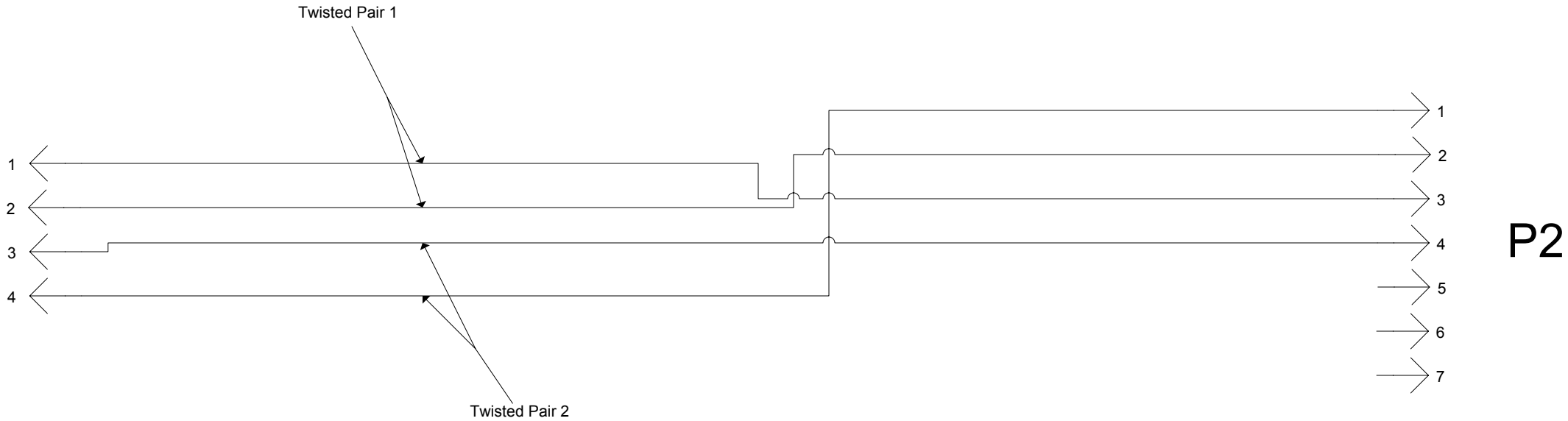
DOC #: 1001532

REV. A

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P1



P2

P1 Pin	P2 Pin	Size (AWG)	Color	Description
1	3	20	Green	Twist with Black
2	2	20	Black	Twist with Green
3	4	20	Red	Power, +12V; Twist with White
4	1	20	White	Ground; Twist with Red



Ref.Des.	Mfgr.	Mfgr P/N	Description
P1 P2 --	SEACON SEACON ?	AWL-4-MP AWQ-7/42P-MP ?	ALL WET Round 4 Pin ALL WET Split 7 Pin Neoprene Cable with 4 20AWG wires

Notes (unless otherwise specified):

1. Cable jacket to be neoprene per B/A X5727

2. Cable to meet minimum current capacity of 3.5 Amps

3. All lengths are +2.0" -0.5"

Config	L	Description
-xxx -001 -002	x" 92.0" 162.0"	Controller to wireless console MOOS Engr. Dep. Controller to pager MOOS Engr. Dep.

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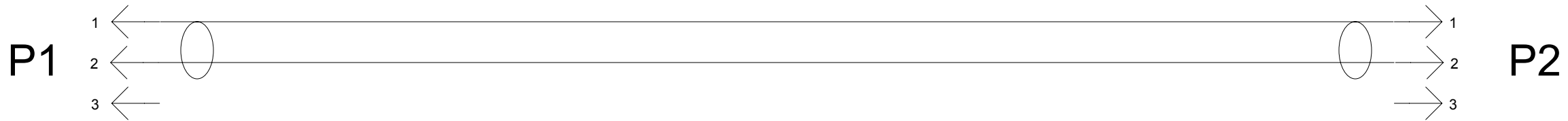
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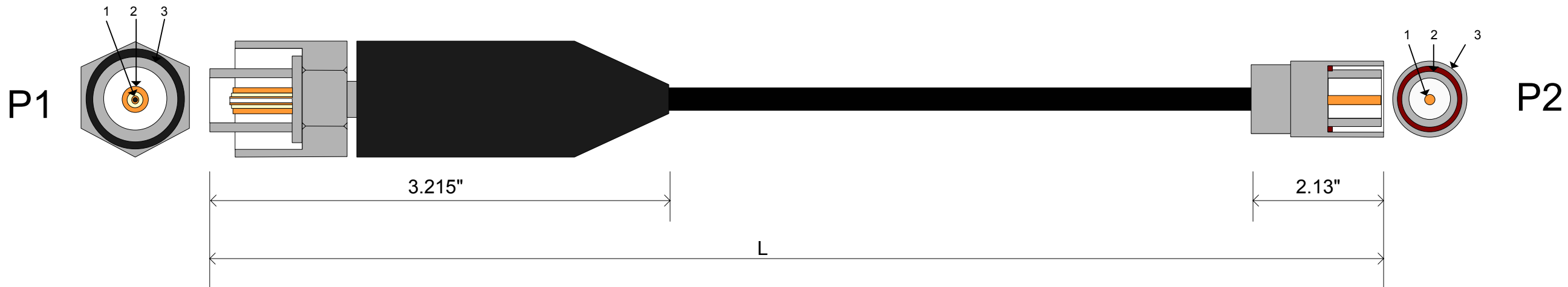
Cable, MOOS Controller can to
Pager & Wireless Console

Drawn By: Lance McBrideDOC #: 1001533REV. A

Date: 6/20/02Sheet: 1 of 1



P1 Pin	P2 Pin	Size (AWG)	Color	Description
1	1	n/a	n/a	Coax shield
2	2	n/a	n/a	Coax center
3	-	n/a	n/a	Coupling



Ref.Des.	Mfgr.	Mfgr P/N	Description
P1	D.G.O'BRIEN	1150446-103	110 Series
P2	PASTERNAC	PE4156	TNC (male)
--	PASTERNAC	RG58C/U	RG-58 COAX (15ft.)

Notes (unless otherwise specified):

1. All lengths are +2.0" -0.5"
2. Attach connectors as required by manufacturer

Config	L	Description
-xxx -001	x" 162.0"	Controller to GPS Antenna MOOS Engr. Dep.

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Cable, MOOS Controller can to GPS Antenna

Drawn By: Lance McBride

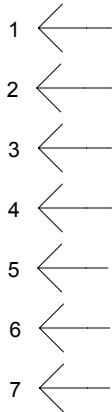
DOC #: 1001534

REV. A

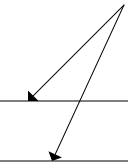
Date: 6/20/02

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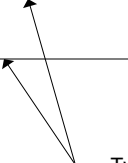
P1



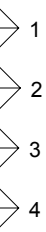
Twisted Pair #1



Twisted Pair #2

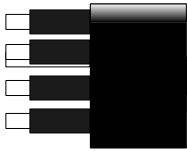


P2



P1 Pin	P2 Pin	Size (AWG)	Color	Description
1	1	20	White	Twists with Black
2	2	20	Black	Twists with White
3	3	20	Green	Twists with Red
4	4	20	Red	Twists with Green
5	-	-	-	--
6	-	-	-	--
7	-	-	-	--

P1



2.13"

L

2.13"

P2



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
3. All lengths are +2.0" -0.5"

Ref.Des.	Mfgr.	Mfgr P/N	Description
P1	SEACON	AWQ-7/42P-MP	ALL WET Split 7 Pin
P2	SEACON	AWL-4/24-MP	ALL WET Split 7 Pin
--	SEACON	--	Neoprene Cable with 4 20AWG wires

Config	L	Description
-xxx -001	x" 89.0"	Controller to power can MOOS Engr. Dep.

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Cable, MOOS Controller can to
MOOS Power can - 4 conductor

Drawn By: Lance McBride

DOC #: 1001536

REV. A

Date: 07/08/2002

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