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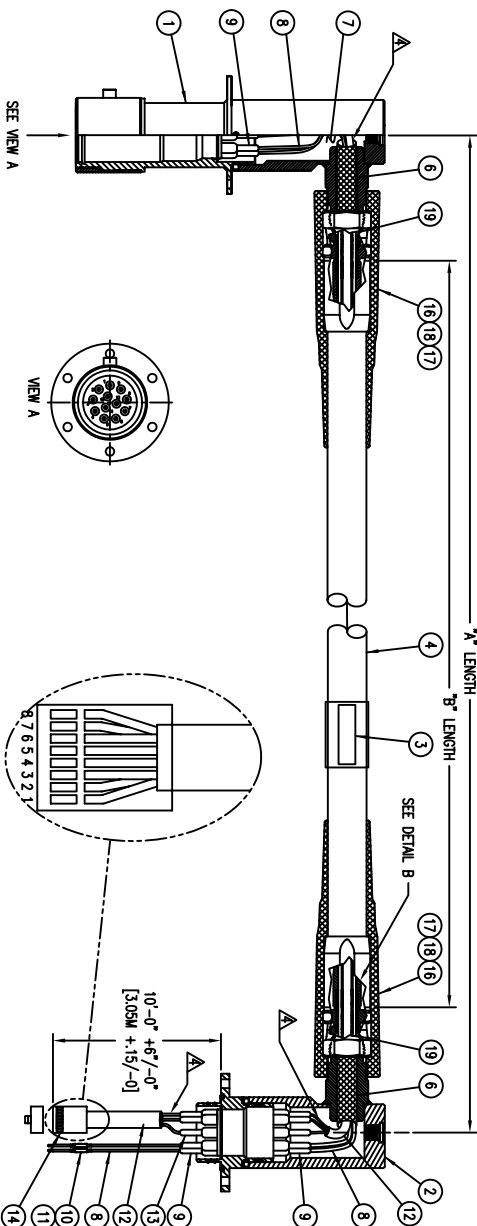
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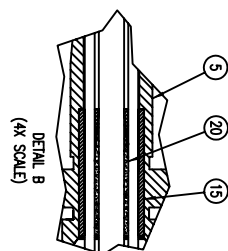
NOTES:

1. DO NOT SCALE FROM DRAWING.
2. FOR BLUEHEAD PENETRATOR OUTLINE/INTERFACE DIMENSIONS SEE DRAWING 56964 (CTD-1404-03).
3. FOR BLUEHEAD ROV RECEPTACLE OUTLINE/INTERFACE DIMENSIONS SEE DRAWING 14340 (ROV-225-03).

▲ KEEP WIRE TWISTED AS CLOSE TO BOOT SEAL AS POSSIBLE.



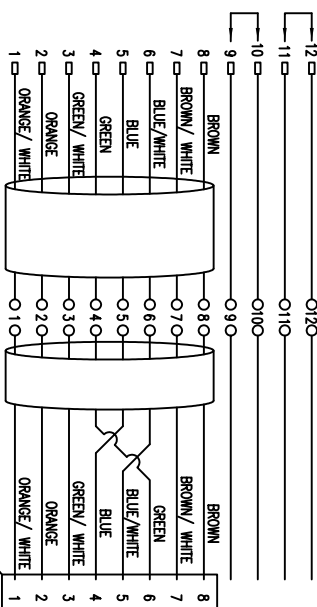
REVISION	DESCRIPTION	DATE	APPROVED
C	CO B371	7/29/04	HEP
D	CO B443	8-19-04	HEP
E	CO B563	8-24-04	HEP



PART #	REF. #	"A" LENGTH	"B" LENGTH
1034823	OPM-204-01-2	6'-5'-2 1/2" [1.95±0.05 M]	6'-1'-2 1/2" [1.85±0.05 M]
1033249	OPM-204-01-1	7'-6'-2 1/2" [2.15±0.05 M]	7'-2'-2 1/2" [2.18±0.05 M]

TABLE 1

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WILL NOT BE KEPT UP TO DATE
APPROVAL TO ISSUE _____ RAN DATE 10/04/04



WIRING DIAGRAM

14 = TWISTED PAIRS

ITEM	PART #	REF #	DESCRIPTION	MATERIAL	QTY
20	1013314	PRC1547	POTTING COMPOUND	POLYURETHANE (AMBER)	A/R
19	1000341	2-017-0674-70	PARKER O-RING	NITRILE RUBBER	2
18	1008596	GRT-008-04-2	BEAD RESTRICTOR	NITRILE RUBBER	2
17	1012542	ODM-111-04-2	HOSE NUT	TITANIUM, COMAL, PURE GR. 2	2
16	1012544	ODM-112-04	KEVLAR RETAINING RING	DELRIIN	2
15	1020209	OPM-246-04	POTTING SLEEVE	ULTEM	2
14	1034834	5681752	RL-45 MODULAR PLUG	B.O.F. (CLEAR PLASTIC)	1
13	1012425	ODM-001-04-11	BOOT SEAL (ETHERNET 24 AWG)	B.O.F. (CLEAR PLASTIC)	24
12	1034828	MS6509	MOHAWK CAT5e CABLE	B.O.F.	2 X A/R
11	1013495	RNF-100 X 1/8	RATCHMAN CLEAR HEATSHRINK	B.O.F.	4 X A/R
10	1000679	44-105	IDENT LABEL 3" THRU 12"	B.O.F.	4
9	1012430	ODM-001-04-18	BOOT SEAL (14 AWG)	OD1037 RUBBER	12
8	1018885	4440221-14-9/9	RATCHMAN 14 AWG TWISTED PAIR	B.O.F.	4 X A/R
7	1004367	DC200/100CS	DOW CORNING OIL	B.O.F.	A/R
6	1003196	CCPT3X	1/2" PET EXPANDABLE TUBING	B.O.F.	2 X A/R
5	1020212	ODM-133-04-4	MODIFIED HOSE FITTING	MONEL	2
4	1012416	ODHOSE-12-HB0-2	-12 HYDRAULIC HOSE	B.O.F.	1 X A/R
3	1013374	P-TOUCH-1/2"	LABEL "001 S/N _____"	B.O.F.	1
2	1035398	CTD-305-01-12-6	12-WAY BLUEHEAD PENETRATOR	VARIOUS (TITANIUM SHELL)	1
1	1033110	ROV-402-01	12-WAY BLUEHEAD ROV RECEPTACLE	VARIOUS (TITANIUM SHELL)	1

PARTS LIST

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UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES. TOLERANCES ARE AS SHOWN.	
ANGLES ± 1/2°	FINISHES ± .005
STRAIGHTNESS ± .005	CONCENTRICITY ± .005
CIRCULARITY ± .005	CHAMFERS ± .005
SURFACE FINISH: .001 IN. RMS	
BEND ALL DIMENSIONS TO CENTER OF BEND	
THIRD ANGLE PROJECTION	
APPROVALS	DATE
DESIGNED BY: TJS	DATE: 10/04/04
CHECKED BY: HEP	DATE: 10/04/04
SCALE: 1/2"	SIZE: 59043
SCALE: 1/2"	REV: E
SCALE: 1/2"	SHEET: 1 OF 1

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12-WAY FIXED ROV RECEPTACLE

TO 12-WAY PENETRATOR

CA DRAWING W/ PARTS LIST

SEE TABLE 1

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