

NOTES:

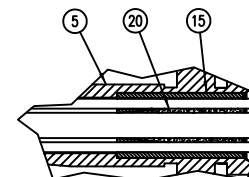
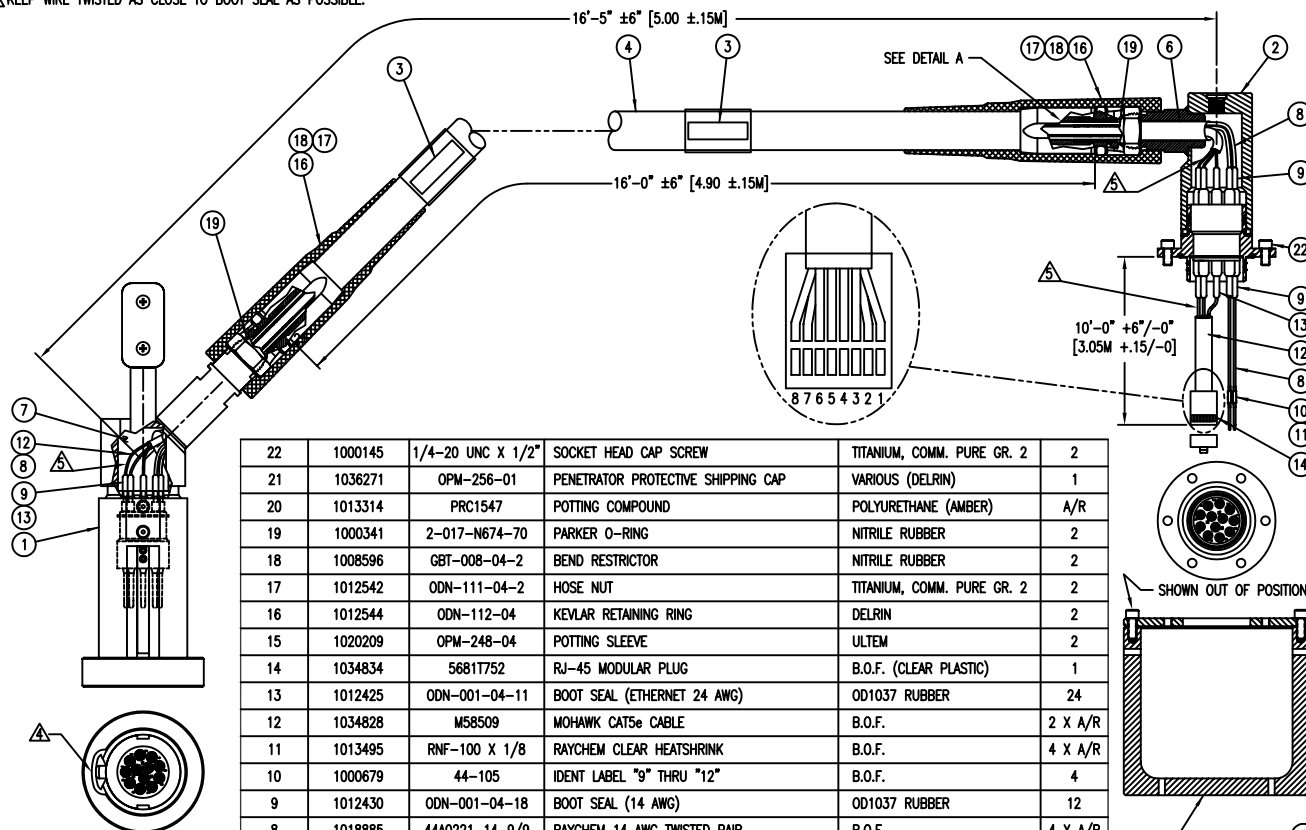
1. DO NOT SCALE FROM DRAWING.
2. FOR BULKHEAD PENETRATOR OUTLINE/INTERFACE DIMENSIONS SEE DRAWING 56964 (CTD-1404-03).
3. FOR FLYING ROV PLUG OUTLINE/INTERFACE DIMENSIONS SEE DRAWING 14340 (ROV-225-03).

KEYWAY LOCATED 180° FROM THE HOSE EXIT.

KEEP WIRE TWISTED AS CLOSE TO BOOT SEAL AS POSSIBLE.

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COPY FOR INFORMATION ONLY
WILL NOT BE KEPT UP TO DATE
APPROVAL TO ISSUE RAN DATE 11/23/04

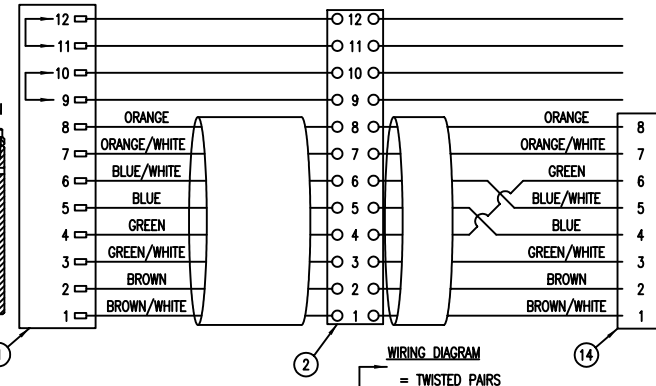
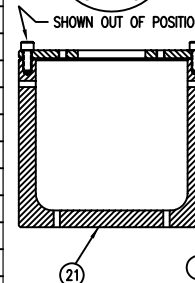
REVISION	DESCRIPTION	DATE	APPROVED
A	CO 7248 INITIAL ISSUE	6-18-04	HEP
B	CO 7824	6-24-04	HEP
C	CO 8371	7-29-04	HEP
D	CO 8443	8-19-04	HEP
E	CO 8563	8-28-04	HEP
F	CO 9054	11-11-04	HEP
G	CO 9116	11-22-04	HEP



DETAIL A
(4X SCALE)

ITEM	PART #	REF #	DESCRIPTION	MATERIAL	QTY
22	1000145	1/4-20 UNC X 1/2"	SOCKET HEAD CAP SCREW	TITANIUM, COMM. PURE GR. 2	2
21	1036271	OPM-256-01	PENETRATOR PROTECTIVE SHIPPING CAP	VARIOUS (DELRIIN)	1
20	1013314	PRC1547	POTTING COMPOUND	POLYURETHANE (AMBER)	A/R
19	1000341	2-017-N674-70	PARKER O-RING	NITRILE RUBBER	2
18	1008596	GBT-008-04-2	BEND RESTRICTOR	NITRILE RUBBER	2
17	1012542	ODN-111-04-2	HOSE NUT	TITANIUM, COMM. PURE GR. 2	2
16	1012544	ODN-112-04	KEVLAR RETAINING RING	DELRIIN	2
15	1020209	OPM-248-04	POTTING SLEEVE	ULTEM	2
14	1034834	5681T752	RJ-45 MODULAR PLUG	B.O.F. (CLEAR PLASTIC)	1
13	1012425	ODN-001-04-11	BOOT SEAL (ETHERNET 24 AWG)	OD1037 RUBBER	24
12	1034828	M58509	MOHAWK CAT5e CABLE	B.O.F.	2 X A/R
11	1013495	RNF-100 X 1/8	RAYCHEM CLEAR HEATSHRINK	B.O.F.	4 X A/R
10	1000679	44-105	IDENT LABEL "9" THRU "12"	B.O.F.	4
9	1012430	ODN-001-04-18	BOOT SEAL (14 AWG)	OD1037 RUBBER	12
8	1018885	44A0221-14-9/9	RAYCHEM 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	ODN-133-04-4	MODIFIED HOSE FITTING	MONEL	2
4	1012416	ODHOSE-12-HBD-2	-12 HYDRAULIC HOSE	B.O.F.	1 X A/R
3	1013374	P-TOUCH-1/2"	LABEL "ODI S/N ____"	B.O.F.	2
2	1035398	CTD-305-01-12-6	12-WAY BULKHEAD PENETRATOR W/ R.A. JIC	VARIOUS (TITANIUM SHELL)	1
1	1020839	ROV-399-01	12-WAY FLYING ROV PLUG W/ 45° JIC	VARIOUS (TITANIUM SHELL)	1

PARTS LIST



WIRING DIAGRAM
= TWISTED PAIRS

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UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES.
TOLERANCES AND
ANGLES ± 1/2°
FRACTIONS DECIMALS
± 1/64 ± .005
± .001 ± .003
CONCENTRICITY .004 TIR
SURFACE FINISH
BREAK ALL UNMATED CORNERS R.005
INTERNAL CORNERS R.02 MAX
THIRD ANGLE PROJECTION

ODI advanced technology systems		ocean design, inc.	
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APPROVALS	DATE	12-WAY FLYING ROV PLUG TO 12-WAY PENETRATOR GA DRAWING W/ PARTS LIST	
DRAWN TAS		SIZE B	CAGE CODE OVV88
CHECKED RHS		SCALE HALF	DOC. NO. 59040
ENGR HEP		PART NO. 1033248	REV G
DESIGN		REF. NO. OPM-203-01	SHEET 1 OF 1