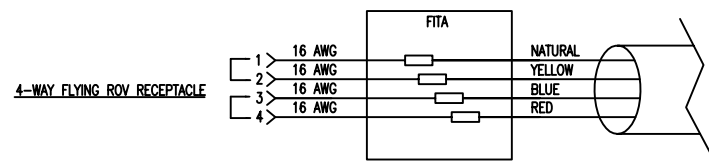


## NOTES:

1. SEE SHEET 1

| ITEM       | PART #  | REF. PART #       | DESCRIPTION                         | MATERIAL                   | QTY     |
|------------|---------|-------------------|-------------------------------------|----------------------------|---------|
| 39         | 1000645 | 3-904-N552-90     | PARKER O-RING                       | NITRILE RUBBER             | 1       |
| 38         | 1013597 | ROV-016-04-2      | FILL PLUG                           | TITANIUM CP GR 2           | 1       |
| 37         | 1021885 | 10-32 UNC         | HEX NUT                             | TITANIUM CP GR 2           | 4       |
| 36         | 1003244 | CRITCHLEY K STYLE | LABEL "KOS P/N P160286"             | B.O.F.                     | 1 X A/R |
| 35         | 1003244 | CRITCHLEY K STYLE | LABEL "ODI S/N _"                   | B.O.F.                     | 1 X A/R |
| 34         | 1004367 | DC200-100Cs       | DIELECTRIC OIL                      | SILICONE OIL               | A/R     |
| 33         | 1000649 | 3-912-N552-90     | PARKER O-RING                       | NITRILE RUBBER             | 1       |
| 32         | 1009667 | KHB-021-04-1      | INTEGRAL HOSE FITTING               | 316L STAINLESS STEEL       | 1       |
| 31         | 1012415 | ODHOSE-12-HBD     | HYDRAULIC HOSE                      | B.O.F.                     | 1 X A/R |
| 30         | 1012534 | ODN-109-01-3      | SM 3/4" HOSE ASSEMBLY               | VARIOUS                    | 1       |
| 29         | 1003196 | CCPT3X            | 1/2" EXPANDABLE PET TUBING          | B.O.F.                     | 2 X A/R |
| 28         | 1018879 | 44A0221-16-9/9    | RAYCHEM 16 AWG TWISTED PAIR (1000V) | B.O.F.                     | 2 X A/R |
| 27         | 1012427 | ODN-001-04-13     | BOOT SEAL                           | NITRILE RUBBER             | 4       |
| 26         | 1000375 | 2-032-N674-70     | PARKER O-RING                       | NITRILE RUBBER             | 2       |
| 25         | 1000217 | 10-32 UNC X 3/8"  | SOCKET HEAD SET SCREW               | 316 STAINLESS STEEL        | 4       |
| 24         | 1025585 | KHB-642-04-2      | GLAND SEAL HOUSING                  | ULTEM 2300                 | 1       |
| 23         | 1014461 | SLSCREW-03        | FILL PORT SEAL SCREW                | 316L STAINLESS STEEL       | 2       |
| 22         | 1025516 | KHB-635-04-2      | CABLE GRIP HOUSING                  | 316L STAINLESS STEEL       | 1       |
| 21         | 1000922 | 5-124-N674-70     | PARKER O-RING                       | NITRILE RUBBER             | 2       |
| 20         | 1000206 | 10-32 UNC X 5/16" | SOCKET HEAD CAP SCREW               | 316 STAINLESS STEEL        | 1       |
| 19         | 1025555 | KHB-641-04-2      | CABLE GRIP                          | ULTEM 2300                 | 1       |
| 18         | 1019209 | SCOTCHCAST 2130   | POTTING COMPOUND                    | B.O.F.                     | 7.6 OZ  |
| 17         | 1026254 | KHB-655-04-2      | ANTI-PISTON SLEEVE                  | DELRI <sup>®</sup> , WHITE | 1       |
| 16         | 1025575 | KHB-645-04-3      | SEPARATION PLATE                    | 316L STAINLESS STEEL       | 1       |
| 15         | 1000215 | 10-32 UNC X 1/4"  | SOCKET HEAD SET SCREW               | 316 STAINLESS STEEL        | 8       |
| 14         | 1025586 | KHB-634-04-1      | BACK UP WASHER                      | DELRI <sup>®</sup>         | 4       |
| 13         | 1009981 | KHB-165-04-3      | GLAND SEAL                          | FLUOROSILICONE RUBBER      | 4       |
| 12         | 1015681 | WOD-015-01-3-1    | 18" GROUND STRAP                    | 316L STAINLESS STEEL       | 1       |
| 11         | 1000234 | 10-32 UNC X 5/8"  | SOCKET HEAD CAP SCREW               | TITANIUM CP GRD 2          | 4       |
| 10         | 1000957 | 5-40 UNC X 3-8"   | SOCKET HEAD CAP SCREW               | 316 STAINLESS STEEL        | 1       |
| 9          | 1009986 | KHB-166-04-3      | INNER JACKET BOOT SEAL              | OD1037 RUBBER              | 4       |
| 8          | 1000448 | 2-144-N674-70     | PARKER O-RING                       | NITRILE RUBBER             | 5       |
| 7          | 1008139 | GBF-060-04-4      | SOLDER POT REDUCER                  | GOLD-PLATED BRASS          | 4       |
| 6          | 1008179 | GBF-061-04-6      | SPLICE BOOT SEAL                    | OD1037 RUBBER              | 4       |
| 5          | 1025511 | KHB-648-04        | BREAKOUT BOOT SEAL                  | FLUOROSILICONE RUBBER      | 1       |
| 4          | 1016861 | KHB-654-04        | FITA OUTER SHELL                    | 316L STAINLESS STEEL       | 1       |
| 3          | 1016859 | KHB-647-04-1      | END CAP                             | 316L STAINLESS STEEL       | 1       |
| 2          | 1023976 | FWL-074-04-12     | OUTER BOOT SEAL                     | NITRILE RUBBER             | 1       |
| 1          | 1013684 | ROV-060-01-4-2    | 4-WAY FLYING ROV RECEPTACLE         | VARIOUS (TITANIUM SHELL)   | 1       |
| PARTS LIST |         |                   |                                     |                            |         |

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APPROVAL TO ISSUE RAW DATE 2-10-03



WIRING DIAGRAM

□ - TWISTED PAIR

|                                                                                                                                                                                                                  |  |                                                                   |                    |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-------------------------------------------------------------------|--------------------|
| UNLESS OTHERWISE SPECIFIED<br>DIMENSIONS ARE IN INCHES.<br>TOLERANCES ARE:<br>ANGLES ± 1/2°<br>FRACTIONS ± 1/64<br>DECIMALS<br>. X = .05<br>.XX = .01<br>.XXX = .003<br>CONCENTRICITY .004 TIR<br>SURFACE FINISH |  | OCEAN DESIGN, INC.<br>9 AVIATOR WAY, ORLANDO BEACH, FL. 32174 USA |                    |
| TITLE<br>SUBSEA POWER & COMM FITA<br>W/ 4-WAY FLYING ROV RECEPTACLE<br>GA DRAWING W/ PARTS LIST                                                                                                                  |  | SIZE<br>D                                                         | CAGE CODE<br>OVV88 |
| SCALE<br>FULL                                                                                                                                                                                                    |  | PART NO.<br>1025158                                               | DOC. NO.<br>33918  |
| REF. NO.<br>KHB-629-01                                                                                                                                                                                           |  | SHEET<br>2                                                        | REV<br>D           |