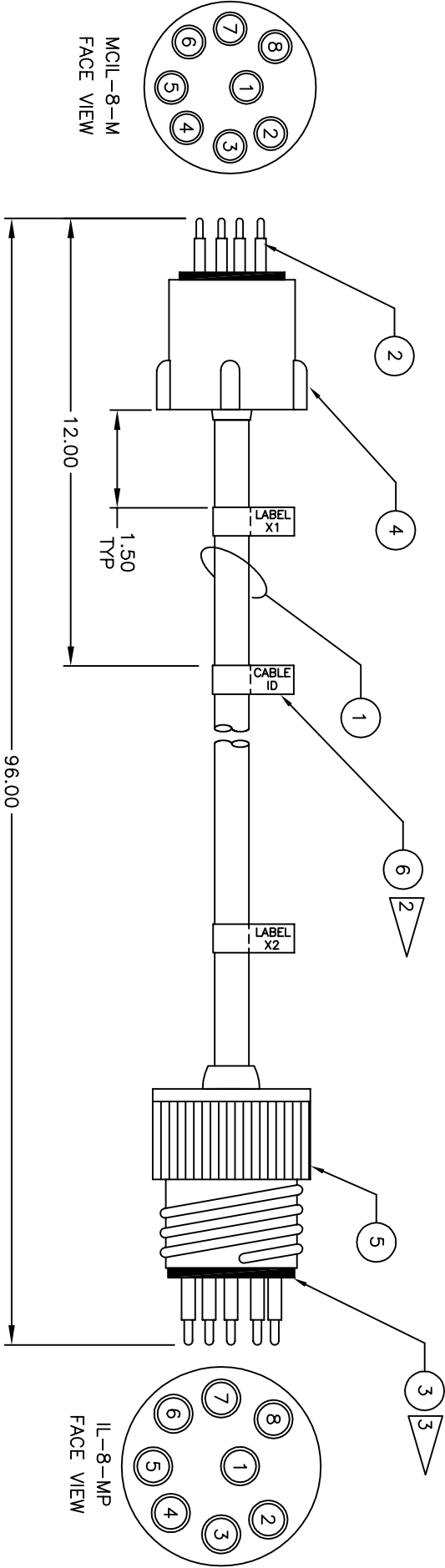


| REVISIONS |     |             | 1        |          |
|-----------|-----|-------------|----------|----------|
| ZONE      | LTR | DESCRIPTION | DATE     | APPROVED |
| -         | -   |             | xx/xx/xx | xx/xx/xx |
| -         | -   |             | xx/xx/xx | xx/xx/xx |

THIS DRAWING HAS BEEN GENERATED AND IS MAINTAINED BY A CAD SYSTEM. CHANGES SHALL ONLY BE INCORPORATED AS DIRECTED BY THE NDBC ENGINEERING DEPARTMENT.

- NOTES:
- ITEMS 1-6 CAN BE REPLACED WITH A PRE-ASSEMBLED VENDOR CABLE. USE SUBCONN PN TBD OR EQUIVALENT, NDBC CONTROL # TBD.
  - USE A BROTHER P-TOUCH LABEL MAKER, MODEL PT-2400 OR EQUIVALENT, TO IDENTIFY CABLES AS SHOWN IN THE LABEL IDENTIFICATION TABLE. APPLY LABELS AS SHOWN IN THE CABLE ASSEMBLY VIEW.
  - EQUIVALENT SUBSTITUTE CAN BE USED IN PLACE OF SPECIFIED ITEM.



| LABEL IDENTIFICATION TABLE |                               |                        |
|----------------------------|-------------------------------|------------------------|
| CABLE ID NUMBER            | LABEL X1                      | LABEL X2               |
| 02.3F03106-001             | PASS THRU 3P3 SCM SUB-SURF IF | SCM SENSOR BULKHEAD P4 |

SCM SUB-SURFACE INTERFACE CABLE ASSEMBLY -001

P3  
PASS THRU #3  
SCM IF

| REG PWR IN (UNUSED) |                            |
|---------------------|----------------------------|
| 1                   | SCM TX                     |
| 2                   | SCM RX                     |
| 3                   | GND                        |
| 4                   | EXT PWR +VDC               |
| 5                   | N/C (ADCP RX - DO NOT USE) |
| 6                   | N/C (ADCP TX - DO NOT USE) |
| 7                   | N/C                        |
| 8                   | PWR RTN                    |

P4  
SCM SENSOR  
BULKHEAD

SCM SUB-SURFACE INTERFACE CABLE WIRING -001

| QTY  | NOTES | DESCRIPTION                                                        | NDBC CONTROL NO. | MANUFACTURER & PART NUMBER | ZONE (S) | ITEM NO. |
|------|-------|--------------------------------------------------------------------|------------------|----------------------------|----------|----------|
| AR 2 |       | LABEL TAPE, BLK INK ON WHT, 9mm(3/8"). P-TOUCH 1Z LAMINATED TAPE   | 14177            | BROTHER T2-221             | C6       | 6        |
| 1 3  |       | SLEEVE, CONNECTOR LOCKING, MALE, DELRIN, WITH SNAP RING            | -                | IMPULSE DLSB-M             | C4       | 5        |
| 1 3  |       | SLEEVE, CONNECTOR LOCKING, FEMALE, DELRIN, WITH SNAP RING, WETMATE | -                | SUBCONN MCDLUF             | C7       | 4        |
| 1 3  |       | CONNECTOR, WET MATE 8 CIRCUIT, MALE, CABLE END, STD. SERIES        | -                | IMPULSE IL-8-MP            | C4       | 3        |
| 1 3  |       | CONNECTOR, WET MATE 8 CIRCUIT, FEMALE, CABLE END, MICRO SERIES     | -                | SUBCONN MCL8M              | C7       | 2        |
| AR 3 |       | CABLE, 6 CONDUCTOR MIN, 20 AWG, POLYURETHANE JACKET                | NSN              | ALPHA WIRE 25056           | C6       | 1        |
| -001 |       |                                                                    |                  |                            |          |          |

| CONTRACT NO | PARTS LIST |
|-------------|------------|
| -           |            |

| UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES. DECIMALS ARE ROUNDED TO 3 DIGITS. | CONTRACT NO | PARTS LIST |
|-----------------------------------------------------------------------------------------|-------------|------------|
| DO NOT SCALE DRAWING                                                                    | -           |            |
| CONFIGURATION NOT APPROVAL                                                              |             |            |

| APPROVALS            | DATE     | TITLE                                    |
|----------------------|----------|------------------------------------------|
| D. J. JONES / LCRAFT | 11/05/07 | SCM SUB-SURFACE INTERFACE CABLE ASSEMBLY |
| CHECKED BY           | DATE     |                                          |
| ENGINEER APPROVAL    | DATE     |                                          |
| NDBC PROJ ENGR       | DATE     |                                          |
| APPROVED BY          | DATE     |                                          |

| SCALE | 1/1 | RELEASE DATE | X | SHEET | 1 | OF | 1 |
|-------|-----|--------------|---|-------|---|----|---|
|-------|-----|--------------|---|-------|---|----|---|

REVISED: 09/28/09  
DISCARD ALL PRIOR DWGS

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Validate Prior to use.