

8

7

6

5

4

3

2

1

NOTES:

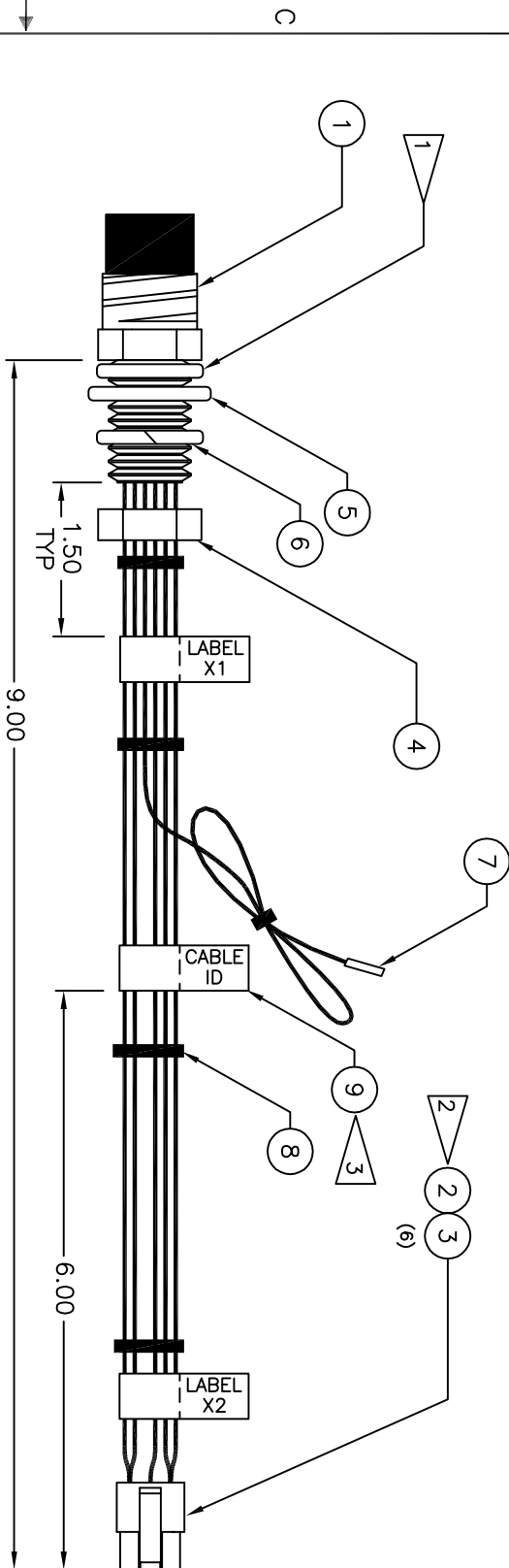
- 1 O-RING IS A PART OF CONNECTOR, ITEM 1. REPLACE WITH ASS68A-15 BUNA-N O-RING, McMASTER CARR #9555K16, CONTROL #13273, IF DAMAGED OR MISSING.
- 2 INSTALL TERMINALS, ITEM 3, INTO CONNECTOR, ITEM 2, AFTER CONNECTOR, ITEM 1, IS INSTALLED INTO THE ENCLOSURE BULKHEAD. OPEN SEAM OF TERMINALS SHOULD FACE TOWARD LATCH ON RECEPTACLE CONNECTOR FOR PROPER INSERTION.
- 3 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 VIEW.
4. SECURE UNUSED BULKHEAD CONNECTOR WIRES WITH TIE WRAPS AND SLEEVING, ITEMS 7 & 8.

LABEL IDENTIFICATION TABLE

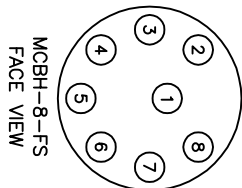
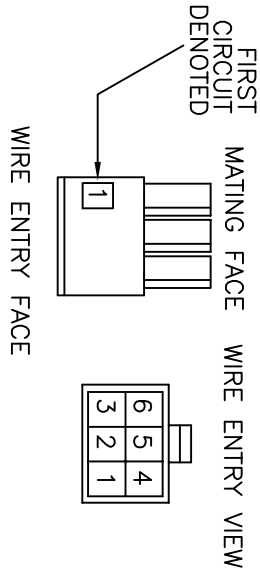
CABLE ID NUMBER	LABEL X1	LABEL X2
531006-001	J8 SIO1	P8-2 SIO1

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

REVISIONS			
ZONE	LTR	DATE	APPROVED
-	-	XX/XX/XX	XX/XX/XX
-	-	XX/XX/XX	XX/XX/XX



SIO1 PORT PAYLOAD CABLE ASSEMBLY -001



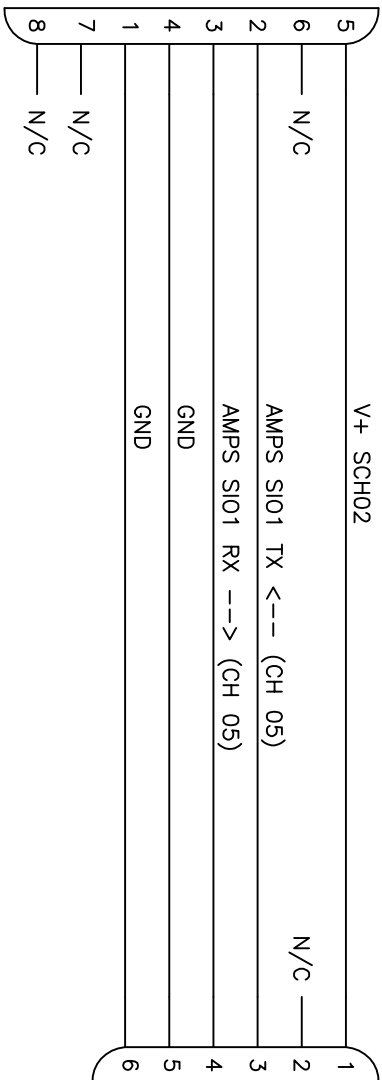
6 CIRCUIT RECEPTACLE

ENCLOSURE BULKHEAD

J8 SIO1

AMPS PATCH PANEL

P8-2



SIO1 PORT PAYLOAD CABLE WIRING -001

REVISED: 03/06/08
DISCARD ALL PRIOR DWGS

AutoCAD Drawing/Sketch:
Printed Copies May Be Disassembled
Validate Prior to use.

QTY	NOTES	DESCRIPTION	NDBC CONTROL NO.	MANUFACTURER & PART NUMBER	ZONE (S)	ITEM NO.
1		WASHER, SPLIT LOCK 316 SST, 7/16"	14127	McMASTER CARR 92147A032	C6 D14	6
1		WASHER, NYLON ISOLATION, 7/16", 0.75" OD	14042	McMASTER CARR 9029SA185	C7 D14	5
1		NUT, HEX JAM 316 SST, 7/16 X 20	14040	McMASTER CARR 94805A221	C6 D13	4
6		TERMINAL, CRIMP SOCKET, MICRO-FIT 3.0, 3.0, 20-24AWG, GOLD	14053	MOLEX 43030-0002	C5 D12	3
1		CONNECTOR, RECEPTACLE, MICRO-FIT 3.0, 6 CIR.	14057	MOLEX 43025-0600	C5 D12	2
1		CONNECTOR, SST BULKHD FEMALE WET-MATE, 7/16" X 20 WITH O-RING, 8 CIR.	14038	SUBCONN MCBH8FS	C7 D15	1
-002-001						

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES.		CONTRACT NO.		NATIONAL DATA BUOY CENTER John C. Stennis Space Center Stennis Space Center, Mississippi 39529-6000	
DETAILS	REVISIONS	APPROVALS	DATE	TITLE	DATE
DO NOT SCALE DRAWING	DO NOT SCALE DRAWING	D. JAYNES	09/20/07	SIO1 PORT PAYLOAD CABLE ASSEMBLY	
CONFIGURATION MGT. APPROVAL	CONFIGURATION MGT. APPROVAL	CHECKED BY	DATE		
		ENGINEER APPROVAL	DATE		
		NDBC PROJ ENGR	DATE		
- NO.	HULL NO.	NEXT ASSY	USED ON	APPROVED BY	DATE
-001	X	X	X		
APPLICATION		ECP-P00-0000		SCALE 1/1	RELEASE DATE
				X	
				SHEET 1 OF 1	