

- NOTES:
- 1

O-RING IS A PART OF CONNECTOR, ITEM 1. REPLACE WITH ASS668A-15 BUNA-N O-RING, McMASTER CARR #9555K16, CONTROL #13273, IF DAMAGED OR MISSING.
- 2

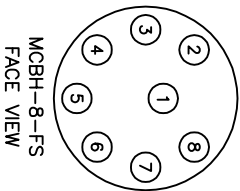
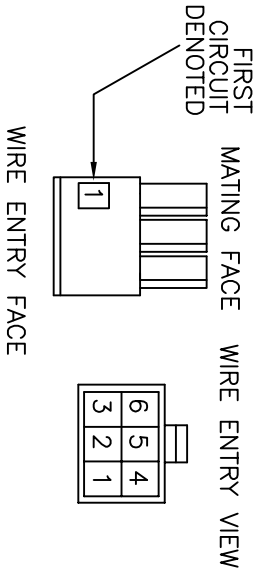
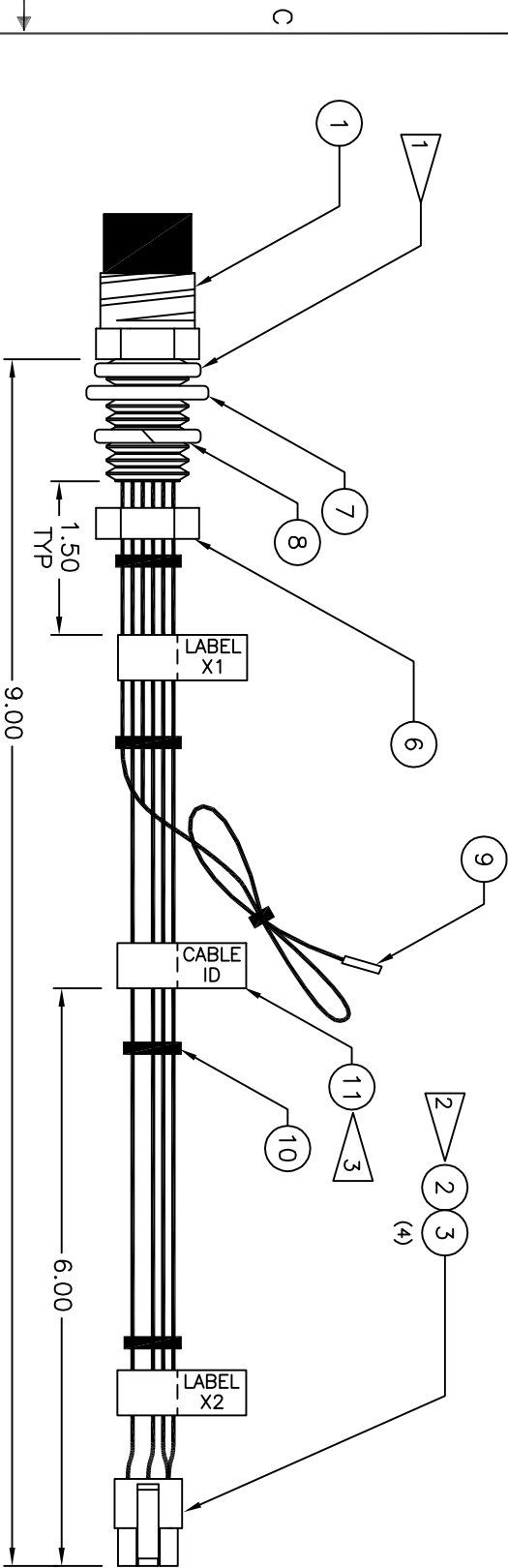
INSTALL TERMINALS, ITEMS 3 & 5, INTO CONNECTORS, ITEMS 2 & 4, AFTER CONNECTOR, ITEM 1, IS INSTALLED INTO THE ENCLOSURE BULKHEAD. OPEN SEAM OF TERMINALS SHOULD FACE TOWARD LATCH ON RECEPTACLE CONNECTOR FOR PROPER INSERTION.
- 3

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 9 & 10.
- 5

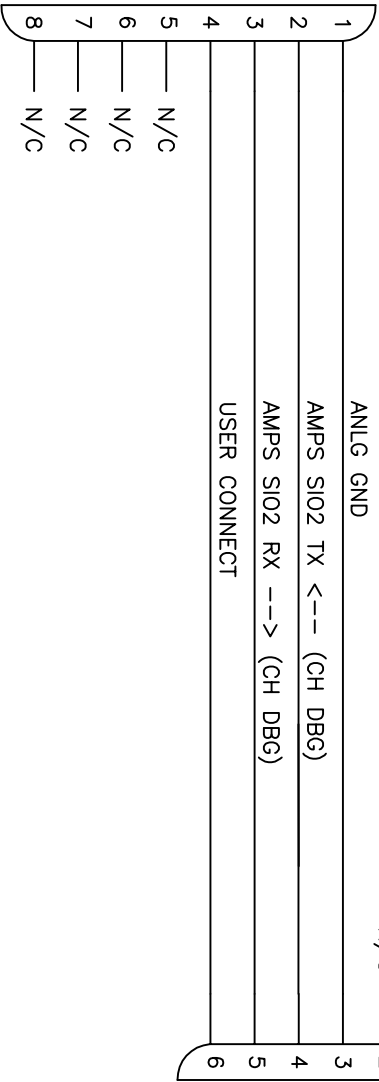
SPLICE ALALOG GROUNDS TOGETHER BY SOLDERING IN HOOKUP WIRE, ITEM 12, AS INDICATED IN THE SCHEMATIC VIEW.

LABEL IDENTIFICATION TABLE			
CABLE ID NUMBER	LABEL X1	LABEL X2	LABEL X3
531004-001	J5 USER	P10-1 USER	-
531004-002	J14 USER	P10-1 INT. CONN	-

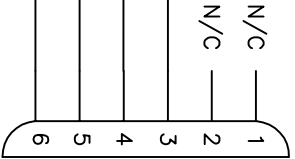


USER PORT PAYLOAD CABLE ASSEMBLY -001

ENCLOSURE BULKHEAD
J5 USER



AMPS PATCH PANEL
P10-1

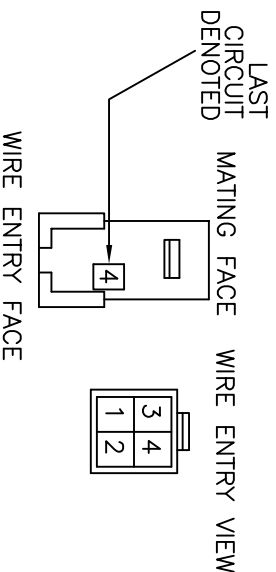
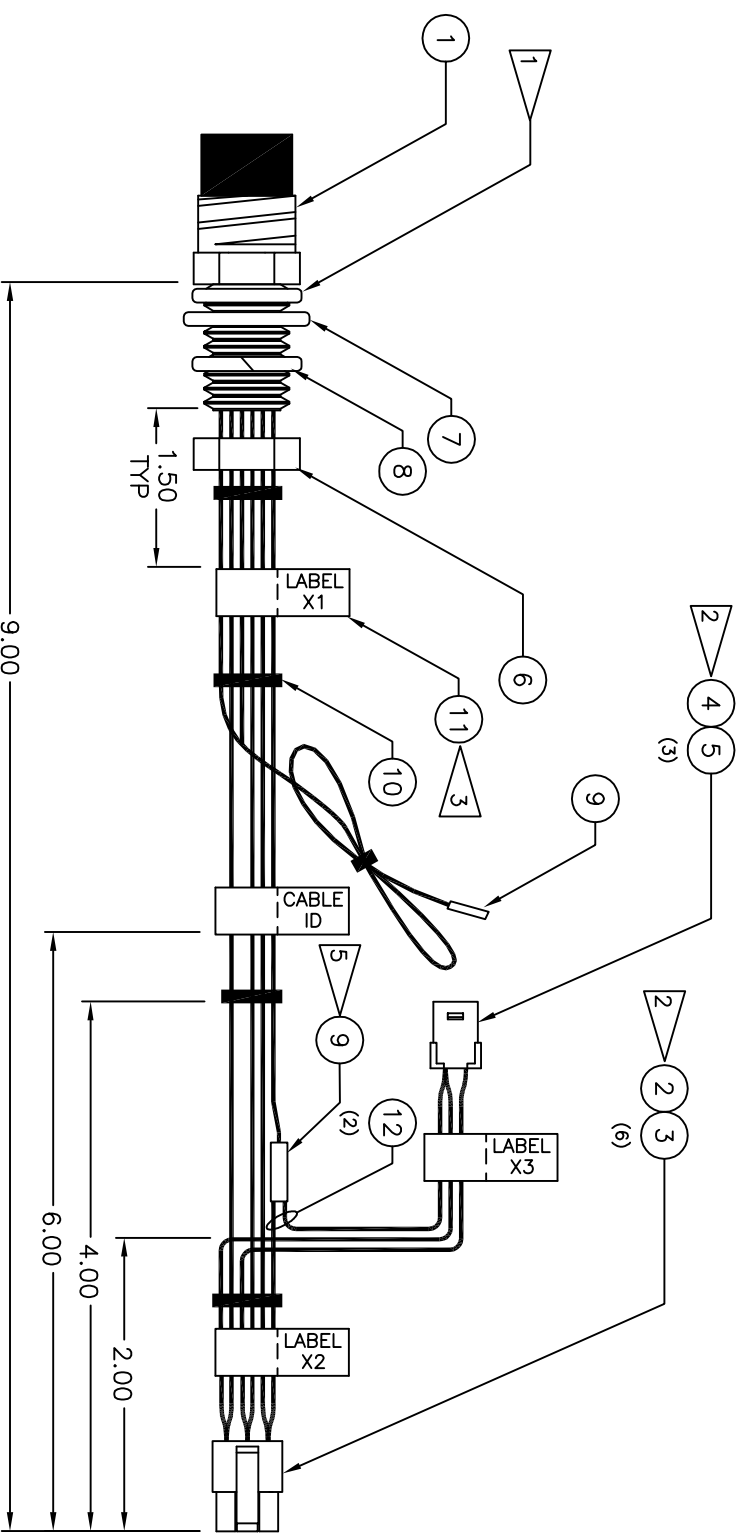


USER PORT PAYLOAD CABLE WIRING -001

AR	-	5	WIRE, HOOKUP 22AWG, 19/34 STRAND, TFE INSULATION, WHI	12007	ALPHA WIRE 5855-1	D12	12
AR	AR	1	LABEL TAPE, BLK INK ON WHI 9mm(3/8"), P-TOUCH T2 LAMINATED TAPE	14177	BROTHER T2-221	C5 D13	11
AR	AR		TIEWRAP, PLASTIC, 4.00 LG., BLK	6319		C5 D13	10
AR	AR		SLEEVING, HEAT SHRINK, 0.25, BLK	1554		C6 C13 D13	9
1	1		WASHER, SPLIT LOCK 316 SST, 7/16"	14127	McMASTER CARR 92147A032	C6 D14	8
1	1		WASHER, NYLON ISOLATION, 7/16", 0.75" OD	14042	McMASTER CARR 90295A185	C7 D14	7
1	1		NUT, HEX JAM 316 SST, 7/16 X 20	14040	McMASTER CARR 94805A221	C6 D13	6
3	-		TERMINAL, CRIMP PIN, MICRO-FIT 3.0, 20-24AWG, GOLD	14054	MOLEX 43031-0002	D13	5
1	-		CONNECTOR, FREE HANGING PLUG, MICRO-FIT 3.0, 4 CIR.	-	MOLEX 43020-0401	D13	4
9	4		TERMINAL, CRIMP SOCKET, MICRO-FIT 3.0, 20-24AWG, GOLD	14053	MOLEX 43030-0002	C5 D12	3
1	1		CONNECTOR, RECEPTACLE, MICRO-FIT 3.0, 6 CIR.	14057	MOLEX 43025-0600	C5 D12	2
1	1		CONNECTOR, SST BULKHD FEMALE WET-MATE, 7/16"X 20 WTH O-RING, 8 CIR.	14038	SUBCONN MCBH8FS	C7 D15	1
-002-001	QTY	NOTES	DESCRIPTION	NDBC CONTROL NO.	MANUFACTURER & PART NUMBER	ZONE (S)	ITEM NO.

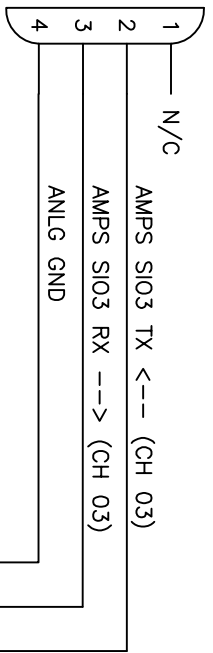
PARTS LIST

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES. DECIMALS ARE TO BE FRACTIONS. DIMENSIONS ARE TO BE TO THE CENTER OF THE HOLE. DIMENSIONS ARE TO BE TO THE CENTER OF THE HOLE. DIMENSIONS ARE TO BE TO THE CENTER OF THE HOLE.		CONTRACT NO.		NATIONAL DATA BUOY CENTER John C. Stennis Space Center Stennis Space Center, Mississippi 39529-6000	
REVISIONS		APPROVALS		TITLE	
1		2		3	
2		3		4	
3		4		5	
4		5		6	
5		6		7	
6		7		8	
7		8		9	
8		9		10	
9		10		11	
10		11		12	
11		12		13	
12		13		14	
13		14		15	
14		15		16	
15		16		17	
16		17		18	
17		18		19	
18		19		20	
19		20		21	
20		21		22	
21		22		23	
22		23		24	
23		24		25	
24		25		26	
25		26		27	
26		27		28	
27		28		29	
28		29		30	
29		30		31	
30		31		32	
31		32		33	
32		33		34	
33		34		35	
34		35		36	
35		36		37	
36		37		38	
37		38		39	
38		39		40	
39		40		41	
40		41		42	
41		42		43	
42		43		44	
43		44		45	
44		45		46	
45		46		47	
46		47		48	
47		48		49	
48		49		50	
49		50		51	
50		51		52	
51		52		53	
52		53		54	
53		54		55	
54		55		56	
55		56		57	
56		57		58	
57		58		59	
58		59		60	
59		60		61	
60		61		62	
61		62		63	
62		63		64	
63		64		65	
64		65		66	
65		66		67	
66		67		68	
67		68		69	
68		69		70	
69		70		71	
70		71		72	
71		72		73	
72		73		74	
73		74		75	
74		75		76	
75		76		77	
76		77		78	
77		78		79	
78		79		80	
79		80		81	
80		81		82	
81		82		83	
82		83		84	
83		84		85	
84		85		86	
85		86		87	
86		87		88	
87		88		89	
88		89		90	
89		90		91	
90		91		92	
91		92		93	
92		93		94	
93		94		95	
94		95		96	
95		96		97	
96		97		98	
97		98		99	
98		99		100	
99		100		101	
100		101		102	
101		102		103	
102		103		104	
103		104		105	
104		105		106	
105		106		107	
106		107		108	
107		108		109	
108		109		110	
109		110		111	
110		111		112	
111		112		113	
112		113		114	
113		114		115	
114		115		116	
115		116		117	
116		117		118	
117		118		119	
118		119		120	
119		120		121	

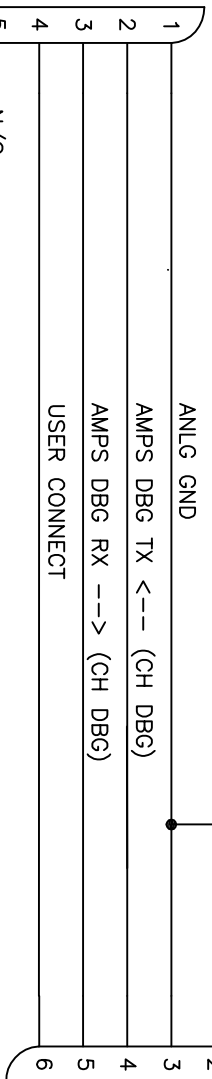


USER PORT PAYLOAD CABLE ASSEMBLY -002

INTERNAL CONNECTION
(SERIAL CT(D))
IC-P2 SERIAL CT



ENCLOSURE BULKHEAD
J4 USER



AMPS PATCH PANEL
P10-1



USER PORT PAYLOAD CABLE WIRING -002

SIZE	CAGE CODE	ISSUING NO	REV
D			-
SCALE	1/1	RELEASE DATE	X
SHEET	2	OF	2

531004