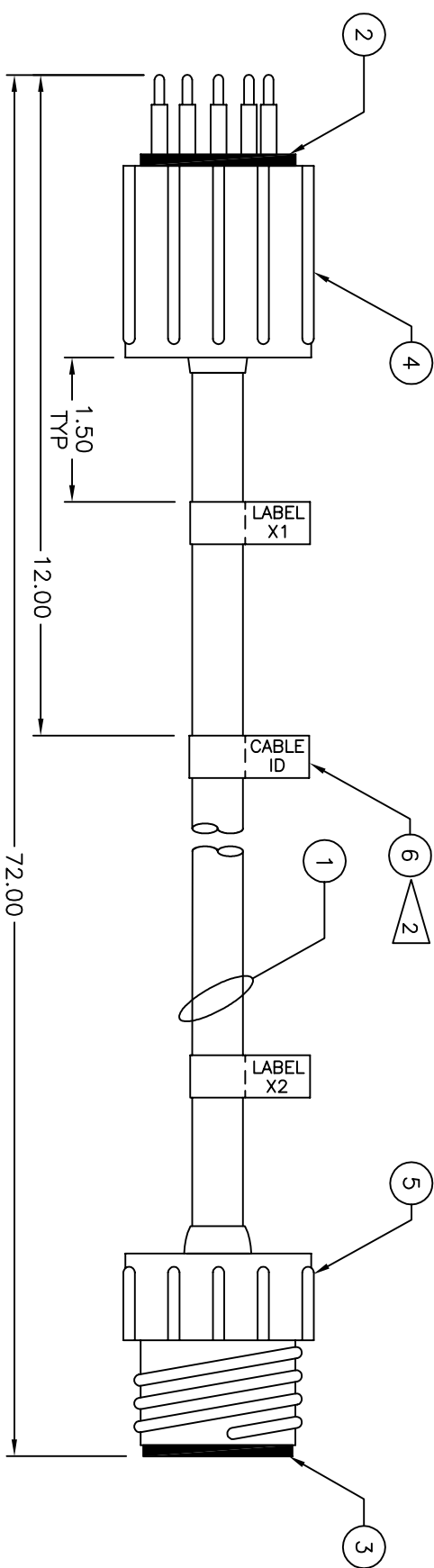
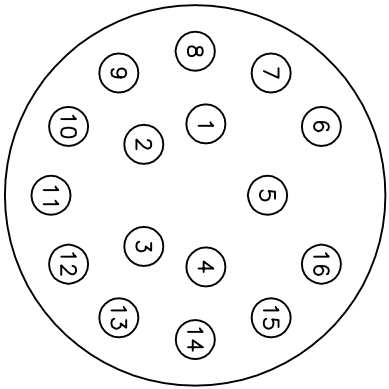


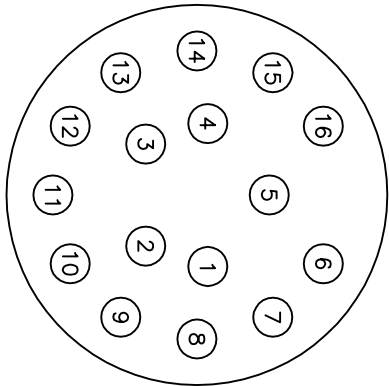
1. ITEMS 1-5 CAN BE REPLACED WITH A PRE-ASSEMBLED VENDOR CABLE. USE SUBCONN PN TBD OR EQUIVALENT, NDBC CONTROL # 8448(-001), TBD(-002) OR 8449(-003).
2. USE A BROTHER P-TOUCH LABEL MAKER, MODEL PT-2400 OR EQUIVALENT, TO IDENTIFY CABLES AS SHOWN IN THE LABEL IDENTIFICATION TABLE. APPLY LABELS AS SHOWN IN THE CABLE VIEW.
3. EQUIVALENT SUBSTITUTE CAN BE USED IN PLACE OF SPECIFIED ITEM.



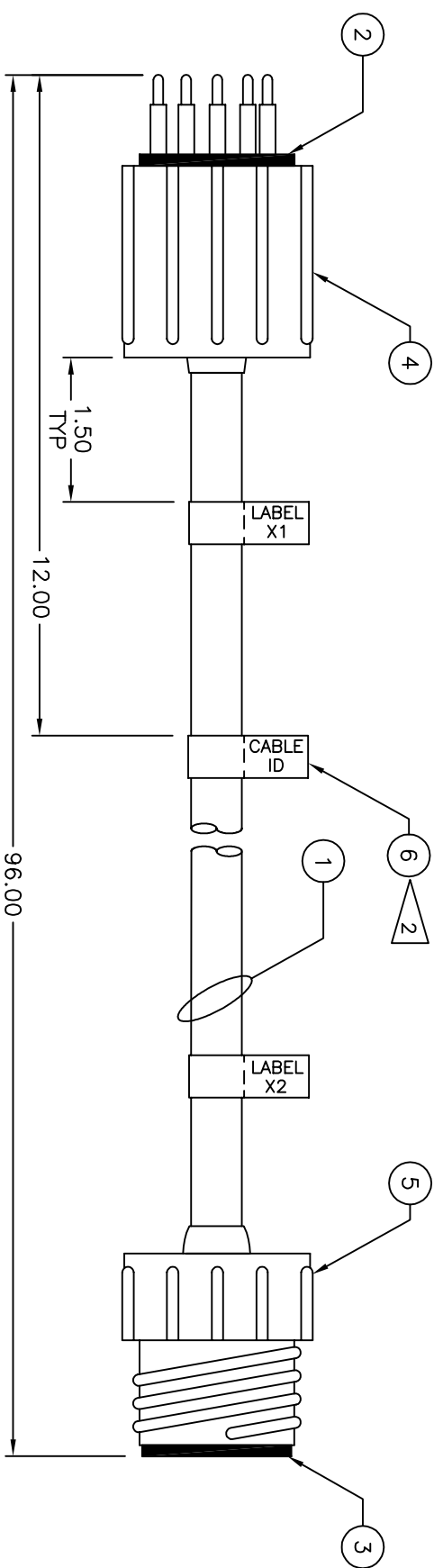
LABEL IDENTIFICATION TABLE		
CABLE ID NUMBER	LABEL X1	LABEL X2
02.3F03101-001	AMPS P1 WIND1 & AT/RH1	TOWER J1 WIND1 & AT/RH1
02.3F03101-002	AMPS P2 WIND2 & AT/RH2	TOWER J2 WIND2 & AT/RH2
02.3F03101-003	AMPS P3 BARO & DDWA	UP EQUIP WELL J3 BARO & DDWA



MCIL-16-F
FACE VIEW



MCIL-16-M
FACE VIEW



								10
								9
								8
								7
AR	AR	AR	2	LABEL TAPE, BLK INK ON WHI, 9mm(3/8"), P-TOUCH 12Z LAMINATED TAPE	14177	BROTHER 12-221	-	6
1	1	1	3	SLEEVE, CONNECTOR LOCKING, MALE, DELRIN, WTH SNAP RING, WETMATE	8440	SUBCONN DLSA-M	-	5
1	1	1	3	SLEEVE, CONNECTOR LOCKING, FEMALE, DELRIN, WTH SNAP RING, WETMATE	8442	SUBCONN DLSA-F	-	4
1	1	1	3	CONNECTOR, WET MATE 16 CIRCUIT, FEMALE, CABLE END	NSN	SUBCONN MCIL16F	-	3
1	1	1	3	CONNECTOR, WET MATE 16 CIRCUIT, MALE, CABLE END	NSN	SUBCONN MCIL16M	-	2
AR	AR	AR	3	CABLE, 16 CONDUCTOR MIN, 20AWG, POLYURETHANE JACKET	NSN	ALPHA WIRE 25060/20	-	1
-003	-002	-001			NDSC CONTROL NO.	MANUFACTURER & PART NUMBER	ZONE (S)	ITEM NO.
QTY			NOTES	DESCRIPTION				

16 CIRCUIT WET MATE CABLE ASSEMBLY -003

REVISID: 09/23/09
DISCARD ALL PRIOR DWGS

AutocAD Drawing/Sketch:
Printed Copies May Be Obsolete
Validate Prior to use.

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES		CONTRACT NO.		TITLE	
DECIMALS	SUBMULTIPLIER	APPROVALS		 NATIONAL DATA BUDY CENTER 10101 C. Stennis Space Center Stennis Space Center, Mississippi 39529-6000	
XX, 2, .05	1, .05	DATE	DATE	16 CIRCUIT WET	
XX, 2, .05	1, .05	DO NOT SCALE DRAWING	09/20/07	MATE CABLE ASSEMBLY	
CONSTRUCTION MET. APPROVAL		CHECKED BY	DATE	-	
-		ENGINEER APPROVAL	DATE	-	
-003 X	X	W/EAH	DATE	-	
-002 X	X	W/EAH	DATE	-	
-001 X	X	W/EAH & TAO	DATE	-	
- NO.	HULL NO.	USED ON	DATE	-	
APPLICATION		ECP-P00-0000	SIZE CASE CODE DRAWING NO. 02.3F03101 REV SCALE 1/1 RELEASE DATE: X SHEET 1 OF 2 -		

P1
AMPS PAYLOAD BULKHEAD
WIND1 & AT/RH1

J1
2.3 METER BUOY TOWER
WIND1 & AT/RH1

1	SHLD GND	1
2	WS1 RTN	2
3	WS1 SIG +	3
4	WD1 RTN	4
5	WD1 SIG +	5
6	WD1 PWR	6
7	NOT USED	7
8	NOT USED	8
9	NOT USED	9
10	NOT USED	10
11	AT1 SIG +	11
12	NOT USED	12
13	RH1 SIG +	13
14	AT/RH1 PWR (12VDC)	14
15	AT/RH1 GND	15
16	NOT USED	16

16 CIRCUIT WET MATE CABLE WIRING -001
WIND1 & AT/RH1 MAST

P3
AMPS PAYLOAD BULKHEAD
BARO & DDWM

J3
2.3 METER BUOY UPPER EQUIPMENT WELL
BARO & DDWM

1	SHLD GND	1
2	ANLG GND	2
3	BARO1 SIG +	3
4	PWR GND	4
5	PWR +12VDC	5
6	PWR +12VDC	6
7	PWR GND	7
8	PWR -12VDC	8
9	ANLG GND	9
10	ANLG GND	10
11	BARO SIG +	11
12	DDWM TX <--	12
13	DDWM RX -->	13
14	PWR +12VDC	14
15	PWR GND	15
16	PWR -12VDC	16

16 CIRCUIT WET MATE CABLE WIRING -003
BARO & DDWM MAST

P2
AMPS PAYLOAD BULKHEAD
WIND2 & AT/RH2

J2
2.3 METER BUOY TOWER
WIND2 & AT/RH2

1	SHLD GND	1
2	WS2 RTN	2
3	WS2 SIG +	3
4	WD2 RTN	4
5	WD2 SIG +	5
6	WD2 PWR	6
7	NOT USED	7
8	NOT USED	8
9	NOT USED	9
10	NOT USED	10
11	AT2 SIG +	11
12	NOT USED	12
13	RH2 SIG +	13
14	AT/RH2 PWR (12VDC)	14
15	AT/RH2 GND	15
16	NOT USED	16

16 CIRCUIT WET MATE CABLE WIRING -002
WIND2 & AT/RH2 MAST