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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	DESCRIPTION	DATE
-	-		xx/xx/xx
-	-		xx/xx/xx

NOTES:

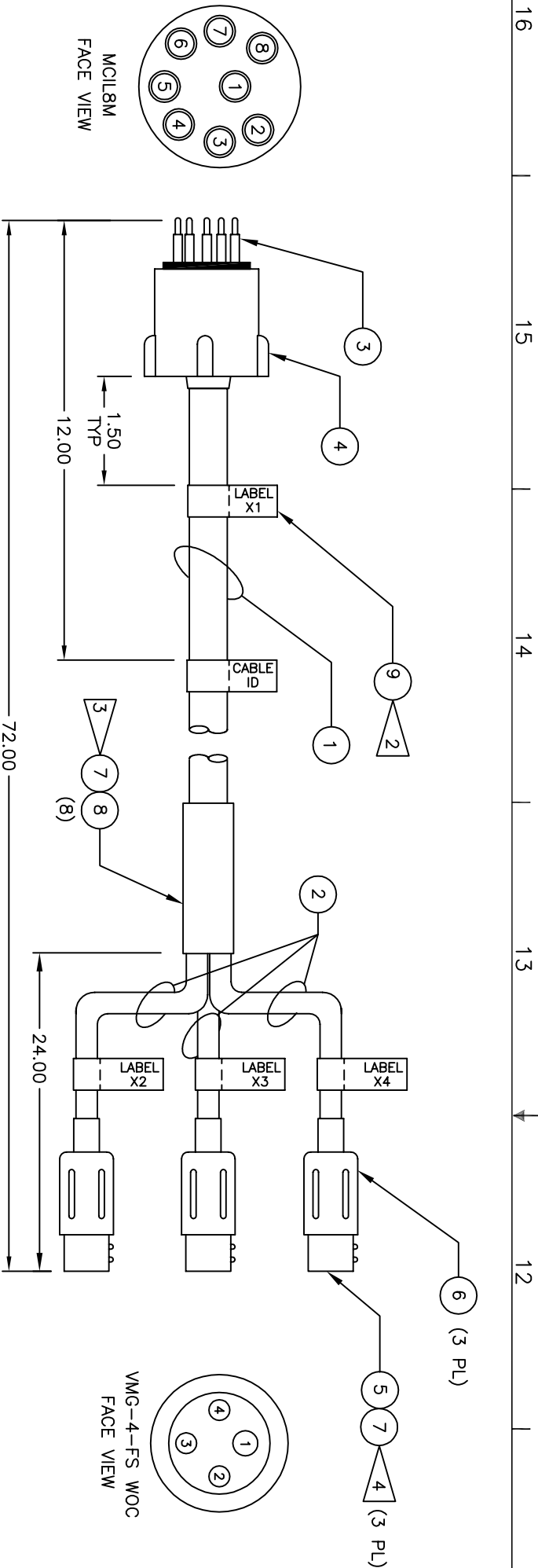
1. ITEMS 1-8 CAN BE REPLACED WITH A PRE-ASSEMBLED VENDOR CABLE. USE SUBCONN PN TBD OR EQUIVALENT, NDBC CONTROL # TBD.
2. USE A BROTHER P-TOUCH LABEL MAKER, MODEL PT-2400 OR EQUIVALENT, TO IDENTIFY CABLES AS SHOWN IN THE LABEL IDENTIFICATION TABLE. APPLY LABELS AS SHOWN IN THE CABLE VIEW.
3. SPLICE CABLES TOGETHER AS SHOWN IN THE CABLE WIRING VIEW AND COVER WIRE PAIRS AND UNUSED WIRES WITH SLEEVING, ITEM 8. FINISH ASSEMBLY BY PLACING SPLICE SECTION IN A WIRE MOLD, AND FILL WITH COMPOUND, ITEM 7.
4. FILL CONNECTORS, ITEM 5, WITH COMPOUND, ITEM 7, AFTER COMPLETION OF QC CONTINUITY TEST.
5. EQUIVALENT SUBSTITUTE CAN BE USED IN PLACE OF SPECIFIED ITEM.

AR	2	LABEL TAPE, BLK INK ON WHI, 9mm(3/8"), P-TOUCH TZ LAMINATED TAPE	14177	BROTHER TZ-221	D14	9
AR	5	SLEEVING, HEAT SHRINK, BLK, .188 (3/16)	1561	-	C14	8
AR	5	COMPOUND, FLAME RETARDANT URETHANE RESIN, SCOTCHCAST, 7.6 OZ.	3030	3M 2130 B	C12,C14	7
3	5	SLEEVE, CONNECTOR LOCKING, DELRIN, BLACK, FEMALE	-	SEACON G-FLS-D	D12	6
3	5	CONNECTOR, RUBBER MOLDED, 4 CIRCUIT, FEMALE SOCKET WITH PINS	-	VMG-4-PS-WOC	D12	5
1	5	SLEEVE, CONNECTOR LOCKING, FEMALE, DELRIN, WITH SNAP RING	-	SEACON SUBCONN MODLSF	D15	4
1	5	CONNECTOR, WET MATE 8 CIRCUIT, MALE, CABLE END	-	SUBCONN MCIL8M	D15	3
AR	5	CABLE, 4 CONDUCTOR MIN, 20 AWG, POLYURETHANE JACKET	NSN	ALPHA WIRE 25054	C12	2
AR	5	CABLE, 8 CONDUCTOR MIN, 20 AWG, POLYURETHANE JACKET	NSN	ALPHA WIRE 25058	D14	1
-001			NDBC CONTROL NO.	MANUFACTURER & PART NUMBER	ZONE (s)	ITEM NO.
QTY	NOTES	DESCRIPTION	PARTS LIST			

		UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES		CONTRACT NO. -		NATIONAL DATA BUOY CENTER John C. Stennis Space Center Stennis Space Center, Mississippi 39529-6000	
		DIMENSIONS IN INCHES 3/16 x 1/16 ± .005		APPROVALS		TITLE SERIAL RAIN & RADIATION CABLE ASSEMBLY	
		DO NOT SCALE DRAWING		DRAWN BY D.JAYNES/LCRAFT		DATE 09/20/07	
		CONFIGURATION MGT. APPROVAL		CHECKED BY -		DATE -	
		FINISH		ENGINEER APPROVAL		DATE -	
		NEXT ASSY		NDBC PROJ ENGR -		DATE -	
- NO.		HULL NO.		USED ON		SIZE D	
		APPLICATION		ECP-P00-0000		CAGE CODE 02.3F03111	
				APPROVED BY -		DRAWING NO. 02.3F03111	
				DATE -		REV -	
				SCALE 1/1		RELEASE DATE X	
				SHEET 1 OF 2			

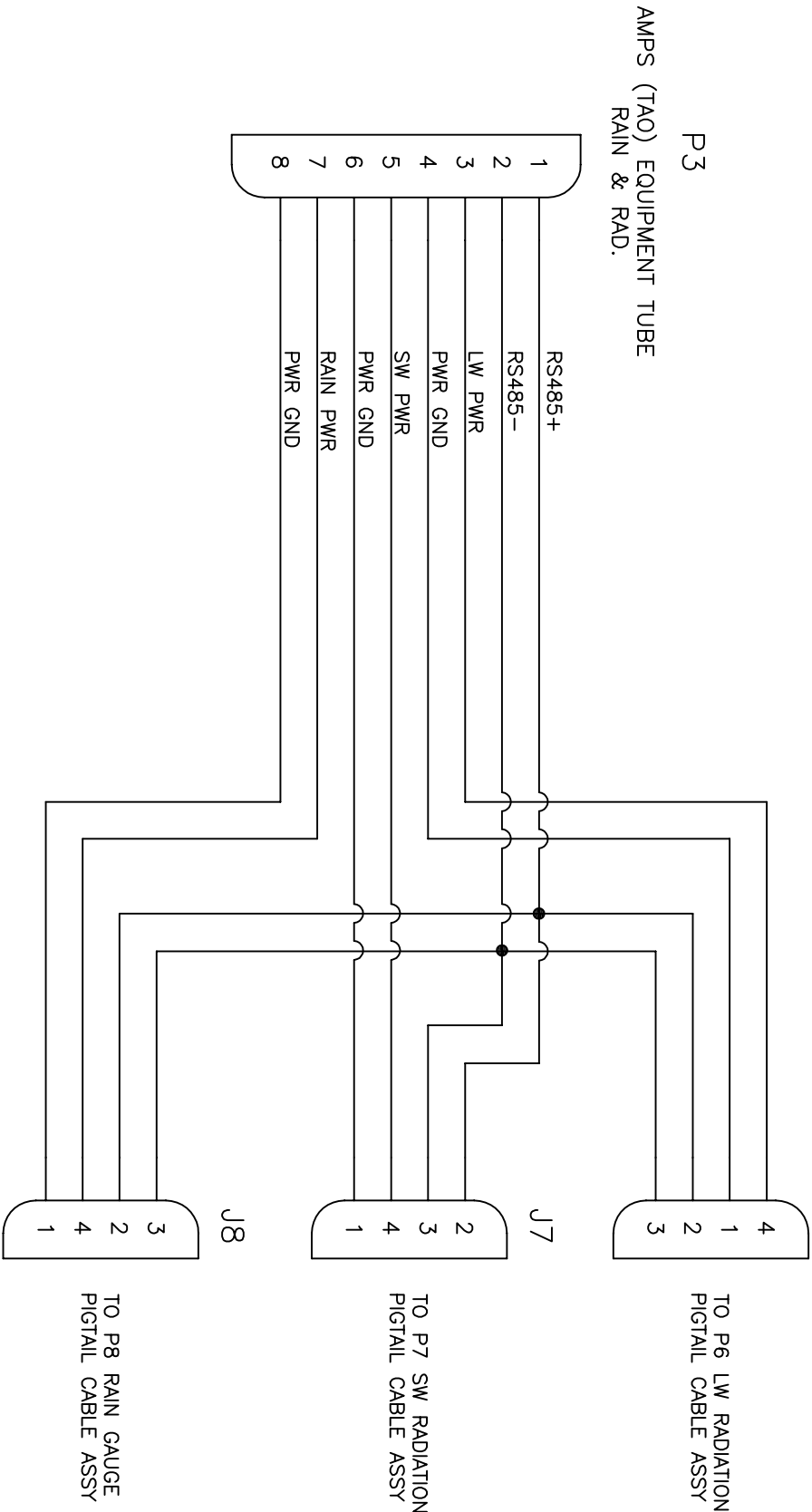
REVISED: 09/30/09
DISCARD ALL PRIOR DWGS

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



SERIAL RAIN AND RADIATION CABLE ASSY -001

LABEL IDENTIFICATION TABLE			
CABLE ID NUMBER	LABEL X1	LABEL X2	LABEL X3
02.3F03111-001	AMPS (TAO) P3 RAIN & RAD.	BUOY TOWER J8 RAIN GAUGE	BUOY TOWER J7 SW RADIATION SENSOR
			BUOY TOWER J6 LW RADIATION SENSOR



SERIAL RAIN AND RADIATION WIRING ASSY -001