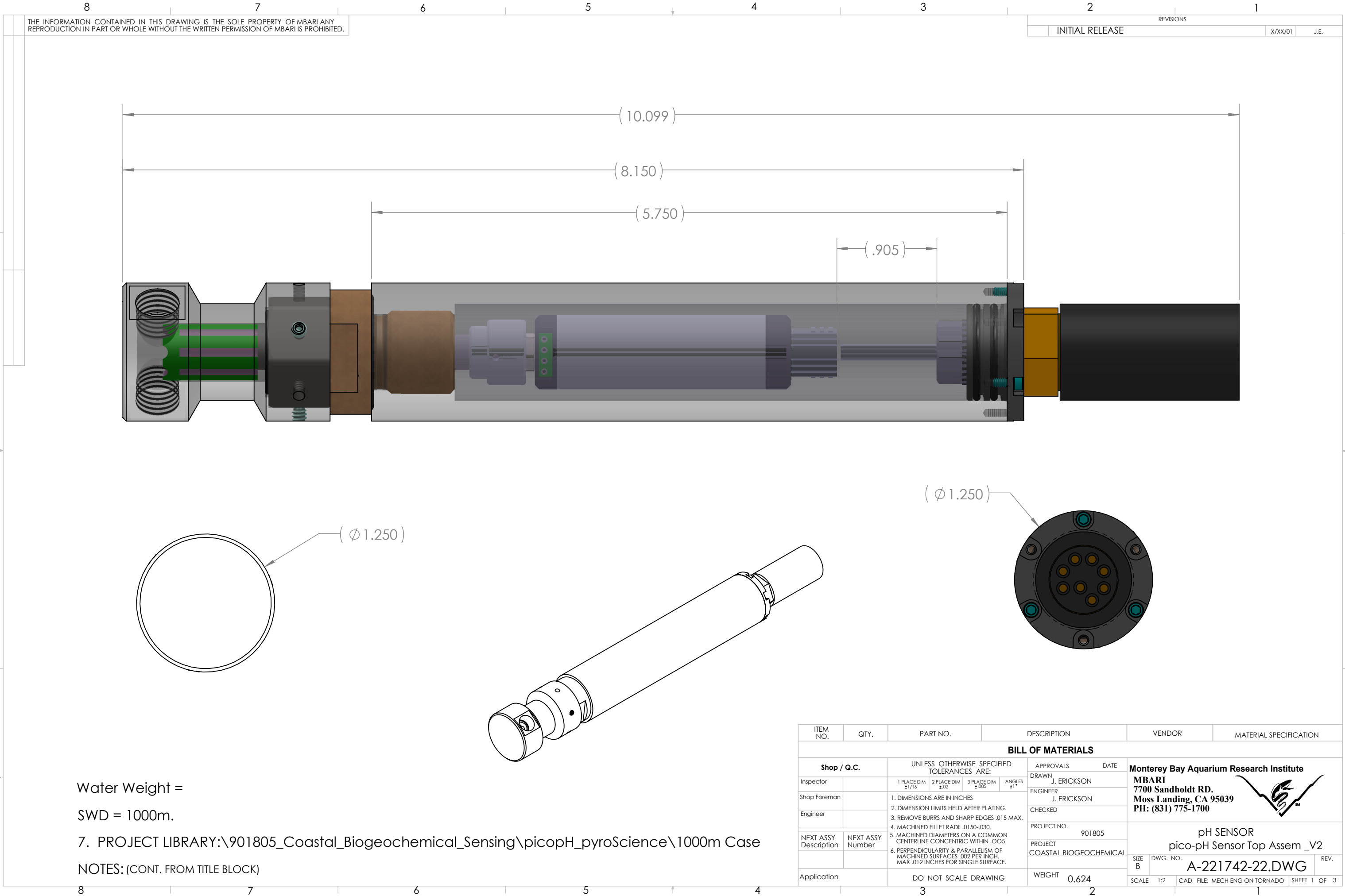




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REVISIONS		
INITIAL RELEASE	X/XX/01	J.E.

Water Weight =
SWD = 1000m.

7. PROJECT LIBRARY:\901805_Coastal_Biogeochemical_Sensing\picopH_pyroScience\1000m Case

NOTES: (CONT. FROM TITLE BLOCK)

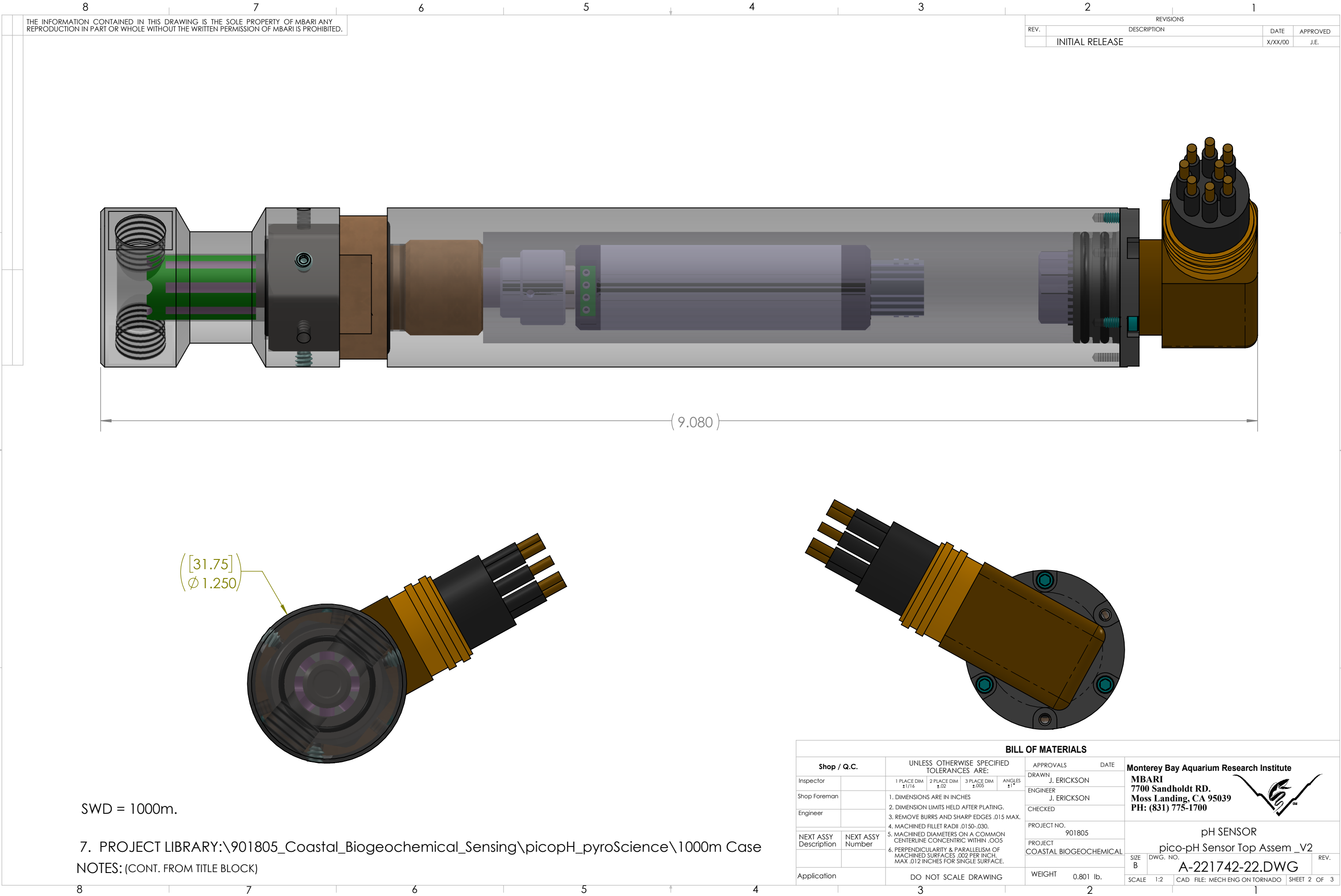
ITEM NO.	QTY.	PART NO.	DESCRIPTION	VENDOR	MATERIAL SPECIFICATION
BILL OF MATERIALS					
Shop / Q.C.		UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:		APPROVALS	DATE
Inspector		1 PLACE DIM ±1/16	2 PLACE DIM ±.02	3 PLACE DIM ±.005	ANGLES ±1°
Shop Foreman		1. DIMENSIONS ARE IN INCHES		DRAWN J. ERICKSON	
Engineer		2. DIMENSION LIMITS HELD AFTER PLATING.		ENGINEER J. ERICKSON	
		3. REMOVE BURRS AND SHARP EDGES .015 MAX.		CHECKED	
		4. MACHINED FILLET RADII .0150-.030.		PROJECT NO.	901805
NEXT ASSY Description	NEXT ASSY Number	5. MACHINED DIAMETERS ON A COMMON CENTERLINE CONCENTRIC WITHIN .005		PROJECT COASTAL BIOGEOCHEMICAL	
		6. PERPENDICULARITY & PARALLELISM OF MACHINED SURFACES .002 PER INCH. MAX .012 INCHES FOR SINGLE SURFACE.			
Application		DO NOT SCALE DRAWING		WEIGHT	0.624
				SIZE B	DWG. NO.
				SCALE 1:2	CAD FILE: MECH ENG ON TORNADO

Monterey Bay Aquarium Research Institute	
MBARI	
7700 Sandholdt RD.	
Moss Landing, CA 95039	
PH: (831) 775-1700	
	
pH SENSOR	
pico-pH Sensor Top Assem_v2	
REV.	

A-221742-22.DWG	
SHEET 1 OF 3	

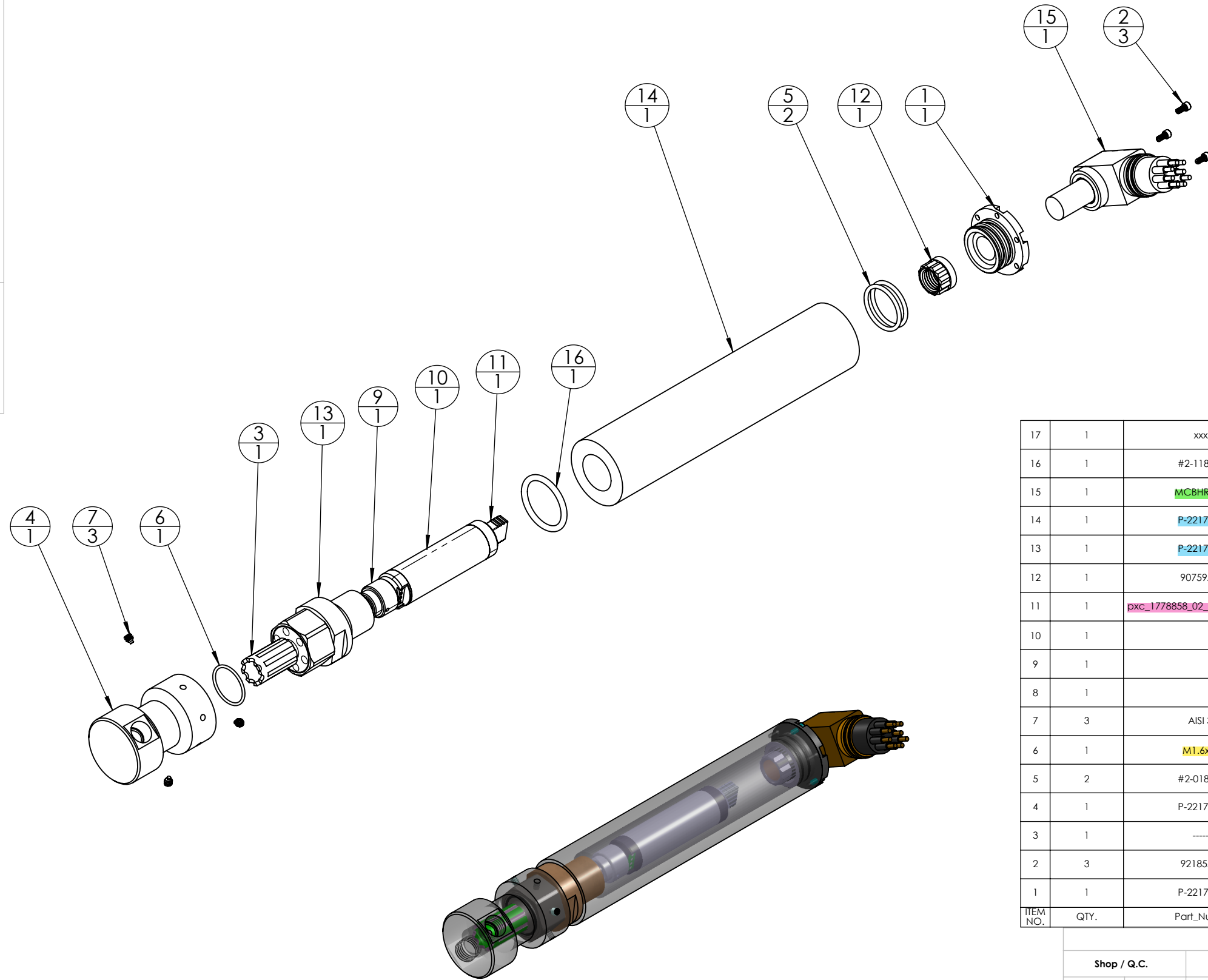
Monterey Bay Aquarium Research Institute
MBARI
7700 Sandholdt RD.
Moss Landing, CA 95039
PH: (831) 775-1700

pH SENSOR
pico-pH Sensor Top Assem _V2
A-221742-22.DWG



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REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
	INITIAL RELEASE	X/XX/00	J.E.



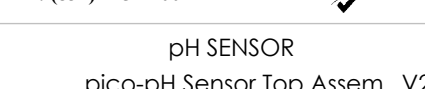
SWD = 1000m.

7. PROJECT LIBRARY:\901805_Coastal_Biogeochemical_Sensing\picopH_pyroScience\1000m Case

NOTES: (CONT. FROM TITLE BLOCK)

17	1	xxxxx	Air		0.000		
16	1	#2-118-70-N	O-RING				BUNA - N
15	1	MCBHRA8FSS	Subconn_Micro8 Conn		0.343	Subconn	Brass UNS C36000
14	1	P-221728-22	pico-pH_1000m Tube		0.200	MBARI	POM Delrin (Black)
13	1	P-221751-22	PICO Adaptor		0.027	MBARI	PEEK
12	1	90759A640	High-Torque 12-Point Flange Nut		0.012	McMaster-Carr Supply Company	Alloy Steel
11	1	pxc_1778858_02_PTSM-0-5-4-P-2-5	Phoenix Conn.		0.000		
10	1			ANY			
9	1			ANY			
8	1			ANY			
7	3	AISI 304	#6-32 x 1/8-18-8 S.S. Nylon-Tip Set Screw		0.000	McMaster-Carr Supply Company	18-8 Stainless Steel
6	1	M1.6x5.00	O-RING				BUNA - N
5	2	#2-018-70-N	O-RING				BUNA - N
4	1	P-221729-22	pico-pH_Flow Cell		0.060	MBARI	POM Delrin (Black)
3	1	-----	pH Sensor Cap		0.002	pyro-Scientific	ABS
2	3	92185A073	2-56x.187 Soc Hd Cap		0.00052	McMaster-Carr	
1	1	P-221727-22	pH Probe Cap		0.014	MBARI	POM Delrin (Black)
ITEM NO.	QTY.	Part_Number	DESCRIPTION	Revision	Weight	Vendor	MATERIAL

BILL OF MATERIALS

Shop / Q.C.		UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:				APPROVALS		DATE		Monterey Bay Aquarium Research Institute MBARI 7700 Sandholdt RD. Moss Landing, CA 95039 PH: (831) 775-1700 			
Inspector		1 PLACE DIM ±1/16	2 PLACE DIM ±.02	3 PLACE DIM ±.005	ANGLES ±1°	DRAWN	J. ERICKSON						
Shop Foreman		1. DIMENSIONS ARE IN INCHES 2. DIMENSION LIMITS HELD AFTER PLATING. 3. REMOVE BURRS AND SHARP EDGES .015 MAX. 4. MACHINED FILLET RADII .0150-.030. 5. MACHINED DIAMETERS ON A COMMON CENTERLINE CONCENTRIC WITHIN .005 6. PERPENDICULARITY & PARALLELISM OF MACHINED SURFACES .002 PER INCH, MAX. .012 INCHES FOR SINGLE SURFACE.				ENGINEER	J. ERICKSON			pH SENSOR pico-pH Sensor Top Assem_V2 			
Engineer						CHECKED							
NEXT ASSY Description	NEXT ASSY Number									PROJECT NO.	901805		
						PROJECT	COASTAL BIOGEOCHEMICAL			SIZE B DWG. NO. A-221742-22.DWG REV.			
Application		DO NOT SCALE DRAWING				WEIGHT	0.801 lb.						
										SCALE	1:8	CAD FILE: MECH ENG ON TORNADO	SHEET 3 OF 3