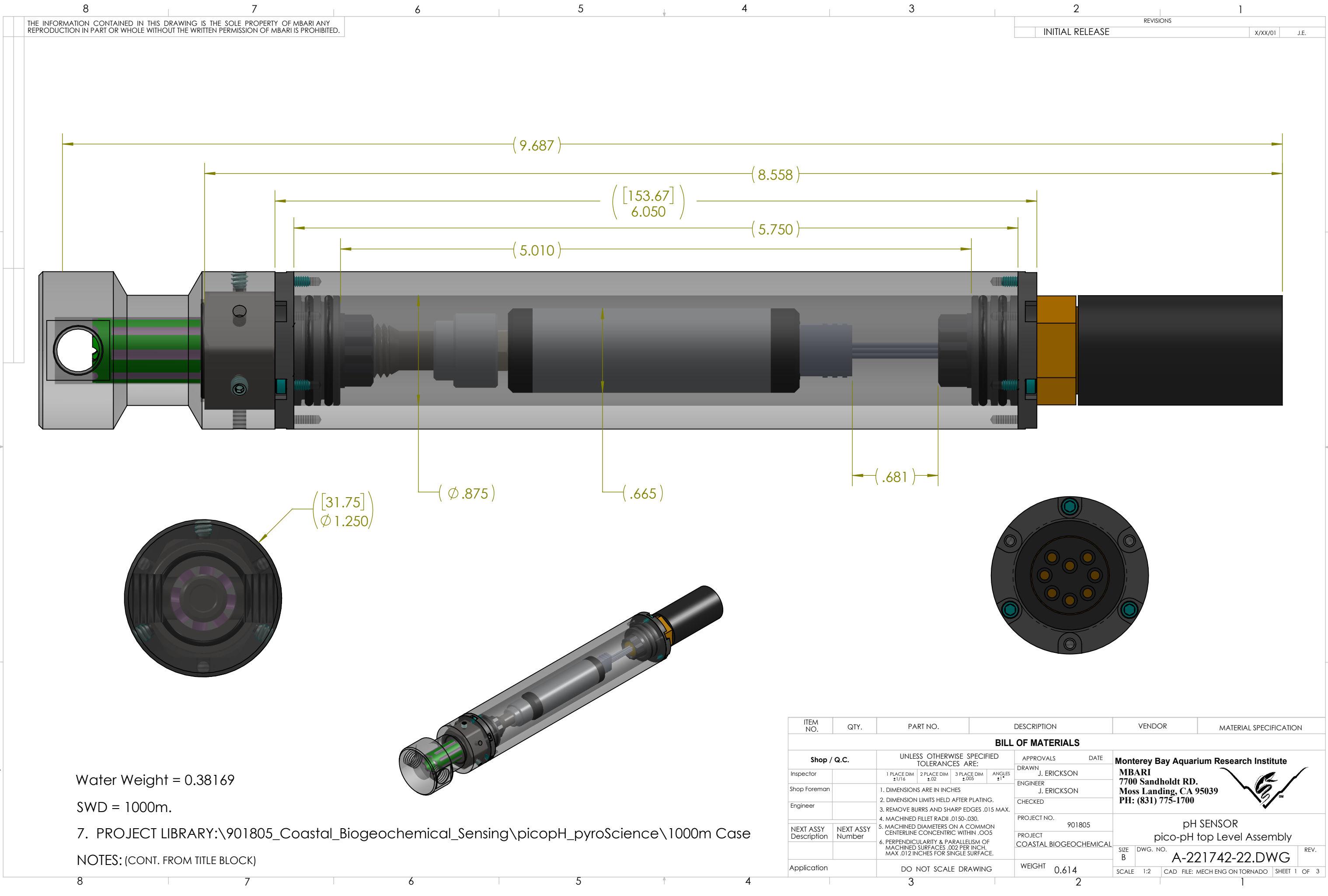




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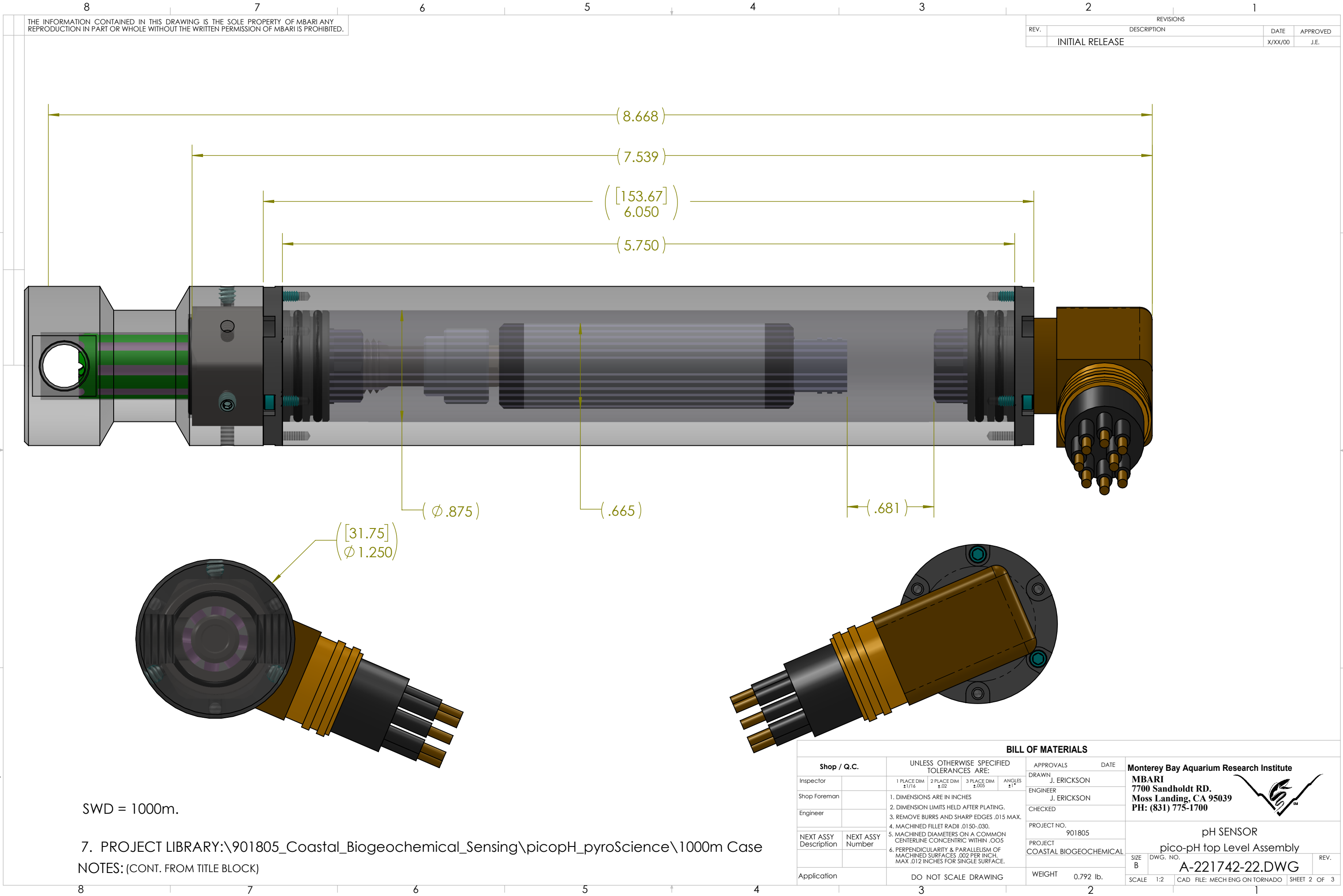
REVISIONS		
INITIAL RELEASE	X/XX/01	J.E.

Water Weight = 0.38169
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 0.614	
				SIZE B	DWG. NO. A-221742-22.DWG
				SCALE 1:2	REV.
				CAD FILE: MECH ENG ON TORNADO	SHEET 1 OF 3

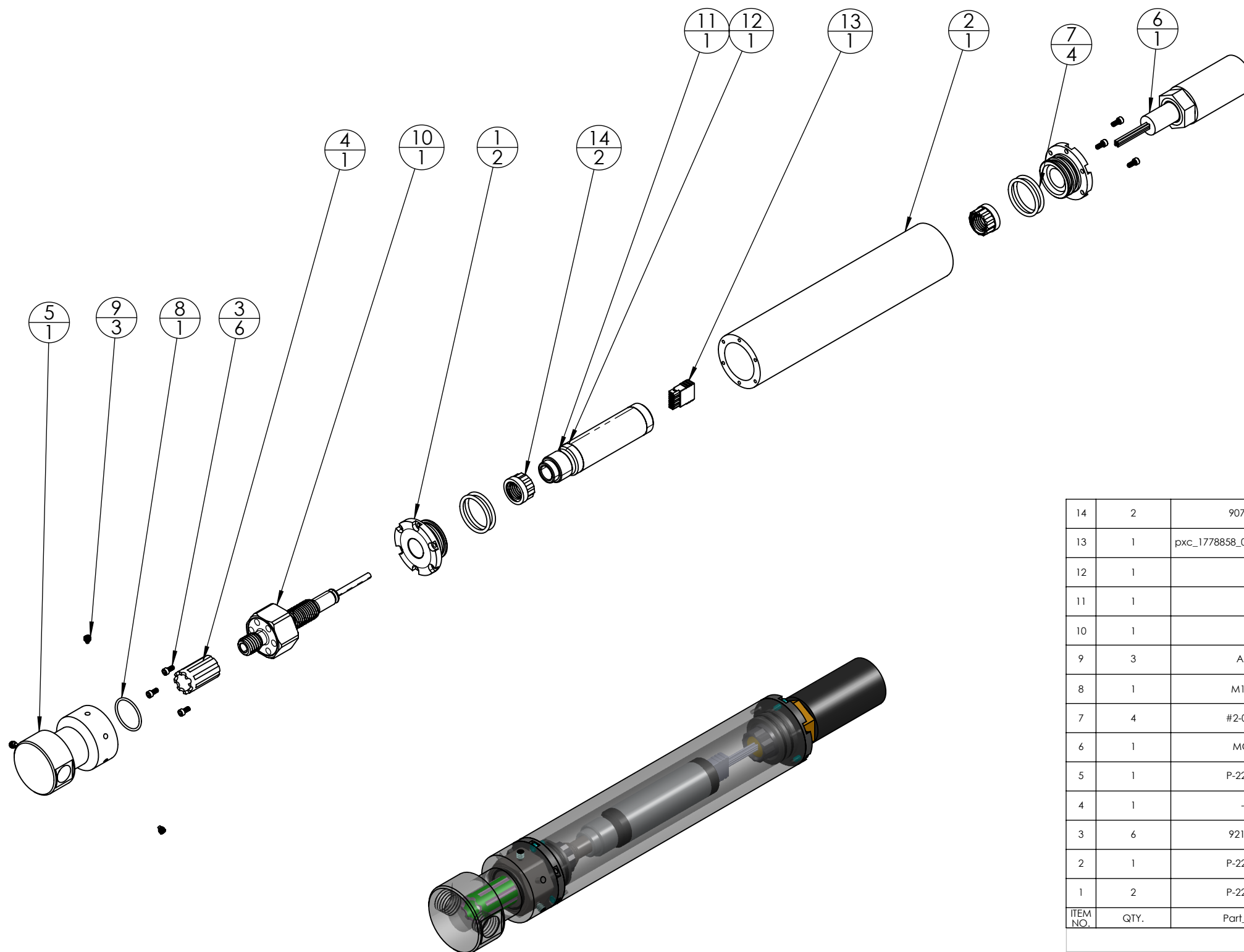
Monterey Bay Aquarium Research Institute
MBARI
7700 Sandholdt RD.
Moss Landing, CA 95039
PH: (831) 775-1700

pH SENSOR
pico-pH top Level Assembly



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



14	2	90759A640	High-Torque 12-Point Flange Nut		McMaster-Carr Supply Company	Alloy Steel
13	1	pxc_1778858_02_PTSM-0-5-4-P-2-5	Phoenix Conn.			
12	1			ANY		
11	1			ANY		
10	1			ANY		
9	3	AISI 304	#6-32 x 1/8_18-8 S.S. Nylon-Tip Set Screw		McMaster-Carr Supply Company	18-8 Stainless Steel
8	1	M1.6x5.00	O-RING			BUNA - N
7	4	#2-018-70-N	O-RING			BUNA - N
6	1	MCBH-8F	8-Pin Bulkhead port Plug		Subconn	
5	1	P-221729-22	pico-pH_Flow Cell		MBARI	POM Delrin (Black)
4	1	-----	pH Sensor Cap		pyro-Scientific	ABS
3	6	92185A073	2-56x.187 Soc Hd Cap		McMaster-Carr	
2	1	P-221728-22	pico-pH_1000m Tube		MBARI	POM Delrin (Black)
1	2	P-221727-22	pH Probe Cap		MBARI	POM Delrin (Black)
ITEM NO.	QTY.	Part_Number	DESCRIPTION	Revision	Vendor	MATERIAL

BILL OF MATERIALS

Shop / Q.C.		UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:				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				
Engineer						CHECKED				
NEXT ASSY Description	NEXT ASSY Number					PROJECT NO. 901805	pH SENSOR pico-pH top Level Assembly			
						PROJECT COASTAL BIOGEOCHEMICAL				
Application		DO NOT SCALE DRAWING				WEIGHT 0.614 lb.	SIZE B	DWG. NO. A-221742-22.DWG	REV.	
							SCALE 1:8	CAD FILE: MECH ENG ON TORNADO	SHEET 3 OF 3	

SWD = 1000m.

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

NOTES: (CONT. FROM TITLE BLOCK)