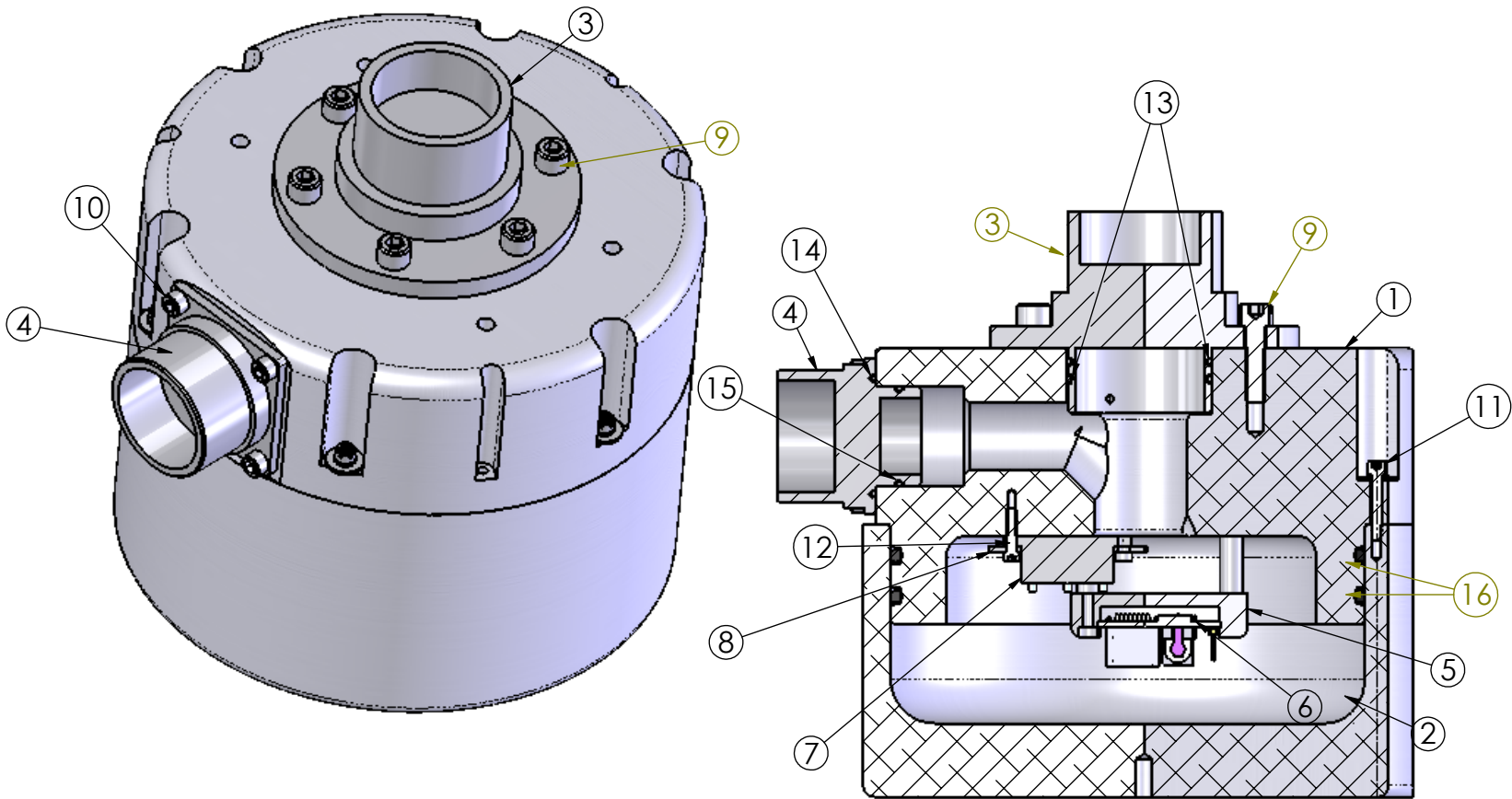


THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF MBARI. ANY REPRODUCTION IN PART OR WHOLE WITHOUT THE WRITTEN PERMISSION OF MBARI IS PROHIBITED.

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
	INITIAL RELEASE		



Sectional View of Assembly

16	2 Ea.		O-ring, 2-254	Buna-N
15	1 Ea.		O-ring, 2-022	Buna-N
14	1 Ea.		O-ring, 2-026	Buna-N
13	2 Ea.		O-ring, 2-030	Buna-N
12	5 Ea.		SHCS, 4-40 UNC 2A x 0.5"	316 St. Stl.
11	6 Ea.		SHCS, 6-40 UNC 2A x .75"	316 St. Stl.
10	4 Ea.		SHCS, 8-32 UNC 2A x 0.5"	316 St. Stl.
9	6 Ea.		SHCS, 1/4-20 UNC 2A x 0.875"	316 St. Stl.
8	1 Ea.		PCB, Small Vicor	
7	1 Ea.		VICOR, 24V-100W	
6	1 Ea.		Board, Serial Ethernet	
5	1 Ea.		Board, Ethernet Clip	PVC
4	1 Ea.		Connector, Seacon MinO-FCRL	Stainless Steel
3	1 Ea.		ODI 4-12 Way Bulkhead Penetrator	Stainless Steel
2	1 Ea.		Housing, 1000 meter working depth	6061 Al
1	1 Ea.		Cap, Connector	6061 Al
ITEM NO.	QTY	PART NO.	DESCRIPTION	MATERIAL SPECIFICATION

UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:				APPROVALS		DATE	Monterey Bay Aquarium Research Institute	
1 PLACE DIM ±1/16	2 PLACE DIM ±.02	3 PLACE DIM ±.005	ANGLES ±1°	DRAWN	F. Shane	14Sep06	 7700 Sandholdt RD. Moss Landing, CA 95039 PH: (408) 775-1700	
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	F. Shane	14Sep06		
				CHECKED				
				PROJECT NO.		900523	SIIM Housing Assembly	
				PROJECT		MARS SIIM		
				WEIGHT			SIZE B	DWG. NO. 1003257.DWG
				SCALE	NONE	CAD FILE: Project Library\MARS SIIS	SHEET 1 OF 1	

NEXT ASSY	USED ON
APPLICATION	DO NOT SCALE DRAWING