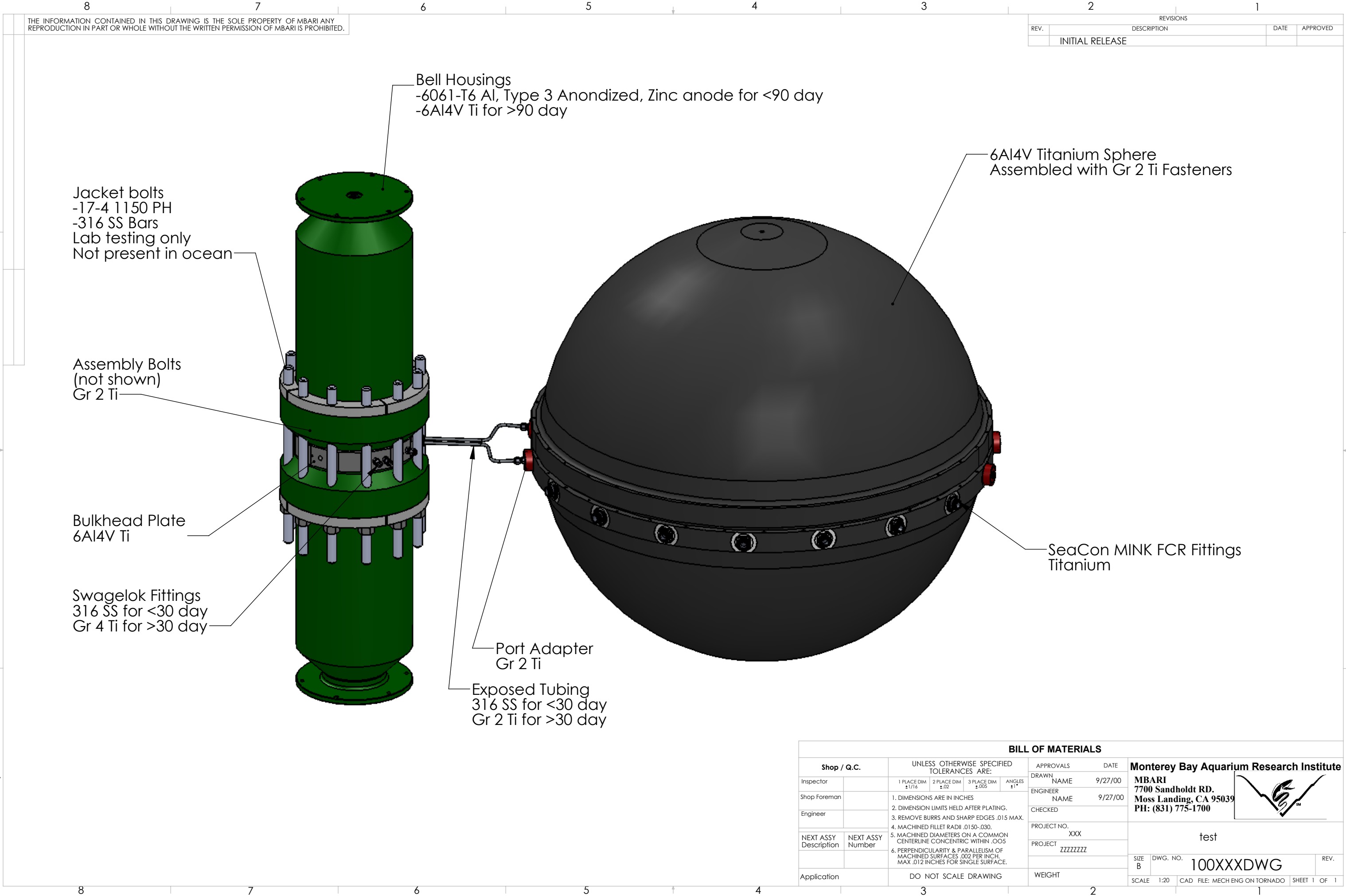




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REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
	INITIAL RELEASE		

Bell Housings
-6061-T6 Al, Type 3 Anodized, Zinc anode for <90 day
-6Al4V Ti for >90 day

Jacket bolts
-17-4 1150 PH
-316 SS Bars
Lab testing only
Not present in ocean

Assembly Bolts
(not shown)
Gr 2 Ti

Bulkhead Plate
6Al4V Ti

Swagelok Fittings
316 SS for <30 day
Gr 4 Ti for >30 day

Port Adapter
Gr 2 Ti

Exposed Tubing
316 SS for <30 day
Gr 2 Ti for >30 day

6Al4V Titanium Sphere
Assembled with Gr 2 Ti Fasteners

SeaCon MINK FCR Fittings
Titanium

BILL OF MATERIALS											
Shop / Q.C.		UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:				APPROVALS		DATE		Monterey Bay Aquarium Research Institute	
Inspector		1 PLACE DIM ±1/16	2 PLACE DIM ±.02	3 PLACE DIM ±.005	ANGLES ±1°	DRAWN	NAME	9/27/00		MBARI	
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	NAME	9/27/00			
Engineer						CHECKED					
NEXT ASSY Description	NEXT ASSY Number					PROJECT NO.	XXX				
						PROJECT	ZZZZZZZZ		test		
Application						DO NOT SCALE DRAWING				WEIGHT	
						SIZE B	DWG. NO.		100XXXDWG		REV.
						SCALE	1:20	CAD FILE: MECH ENG ON TORNADO		SHEET 1 OF 1	