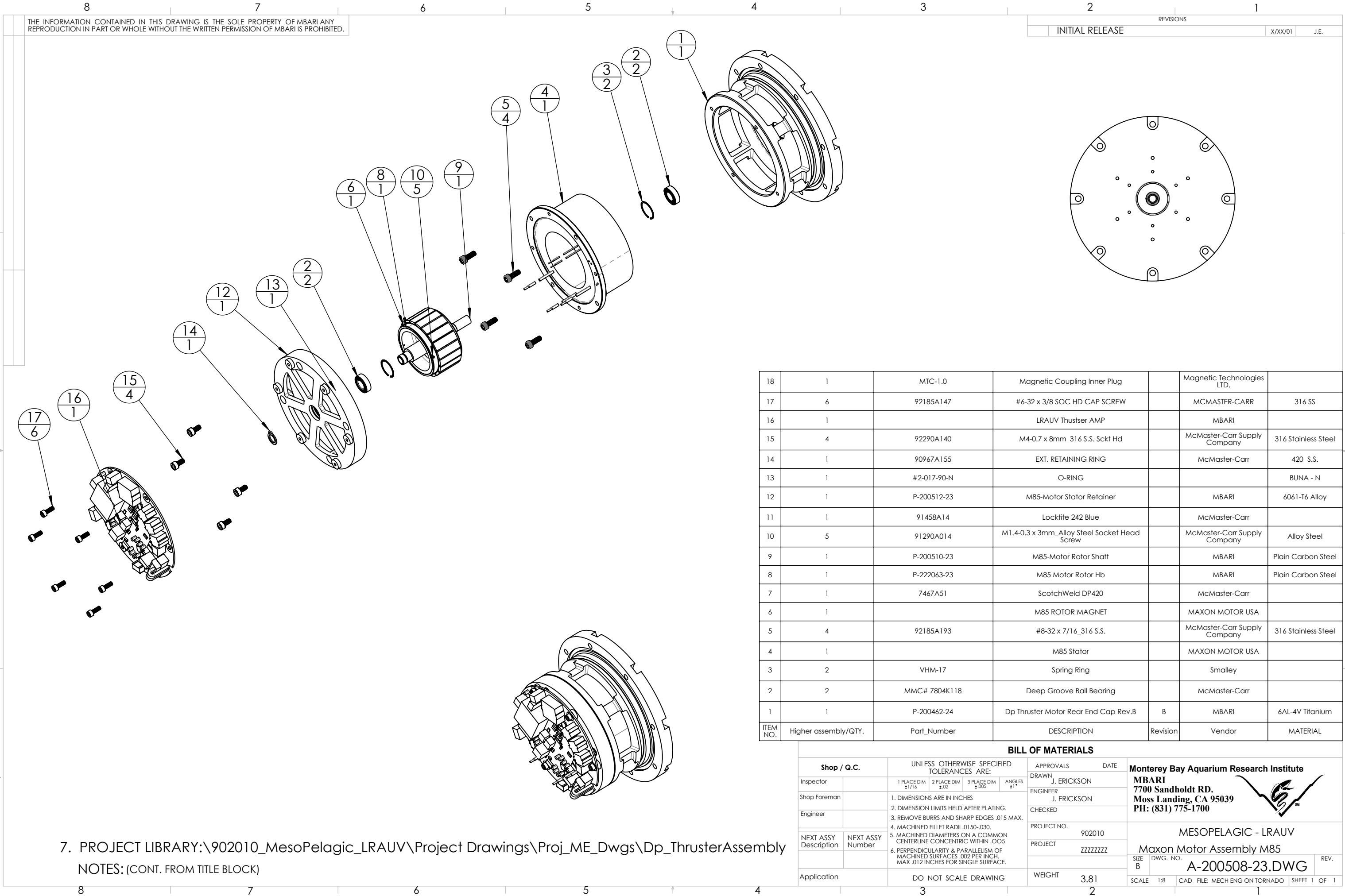




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REVISIONS		
INITIAL RELEASE	X/XX/01	J.E.

18	1	MTC-1.0	Magnetic Coupling Inner Plug		Magnetic Technologies LTD.	
17	6	92185A147	#6-32 x 3/8 SOC HD CAP SCREW		MCMASTER-CARR	316 SS
16	1		LRAUV Thustser AMP		MBARI	
15	4	92290A140	M4-0.7 x 8mm_316 S.S. Sckt Hd		McMaster-Carr Supply Company	316 Stainless Steel
14	1	90967A155	EXT. RETAINING RING		McMaster-Carr	420 S.S.
13	1	#2-017-90-N	O-RING			BUNA - N
12	1	P-200512-23	M85-Motor Stator Retainer		MBARI	6061-T6 Alloy
11	1	91458A14	Locktite 242 Blue		McMaster-Carr	
10	5	91290A014	M1.4-0.3 x 3mm_Alloy Steel Socket Head Screw		McMaster-Carr Supply Company	Alloy Steel
9	1	P-200510-23	M85-Motor Rotor Shaft		MBARI	Plain Carbon Steel
8	1	P-222063-23	M85 Motor Rotor Hb		MBARI	Plain Carbon Steel
7	1	7467A51	ScotchWeld DP420		McMaster-Carr	
6	1		M85 ROTOR MAGNET		MAXON MOTOR USA	
5	4	92185A193	#8-32 x 7/16_316 S.S.		McMaster-Carr Supply Company	316 Stainless Steel
4	1		M85 Stator		MAXON MOTOR USA	
3	2	VHM-17	Spring Ring		Smalley	
2	2	MMC# 7804K118	Deep Groove Ball Bearing		McMaster-Carr	
1	1	P-200462-24	Dp Thruster Motor Rear End Cap Rev.B	B	MBARI	6AL-4V Titanium
ITEM NO.	Higher assembly/QTY.	Part_Number	DESCRIPTION	Revision	Vendor	MATERIAL

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°	DRAWN	J. ERICKSON	Monterey Bay Aquarium Research Institute MBARI 7700 Sandholdt RD. Moss Landing, CA 95039 PH: (831) 775-1700 	
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.	902010		
						PROJECT	ZZZZZZZZ		
Application		DO NOT SCALE DRAWING				WEIGHT	3.81		
								SIZE B DWG. NO. A-200508-23.DWG REV.	
						SCALE 1:8		CAD FILE: MECH ENG ON TORNADO SHEET 1 OF 1	

7. PROJECT LIBRARY:\902010_MesoPelagic_LRAUV\Project Drawings\Proj_ME_Dwgs\Dp_ThrusterAssembly
NOTES: (CONT. FROM TITLE BLOCK)