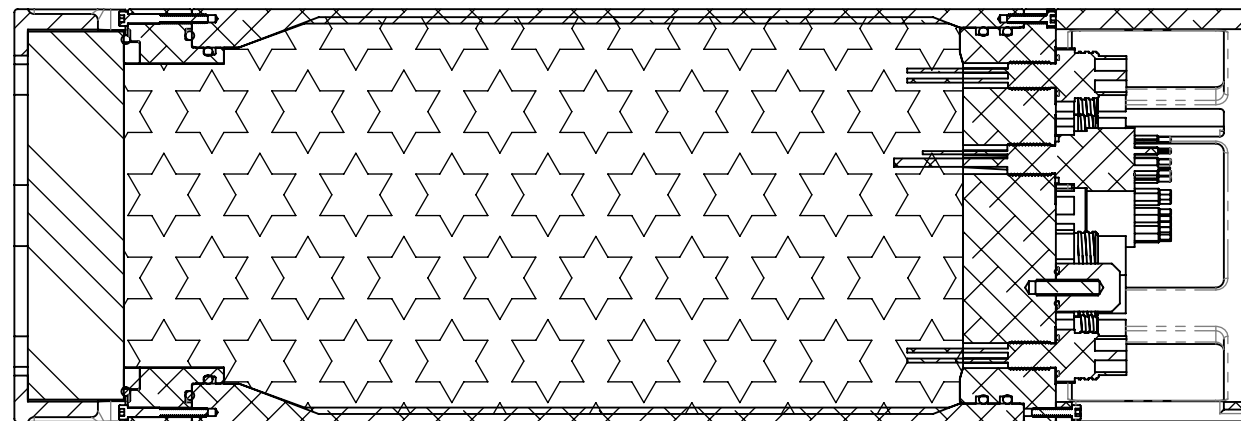
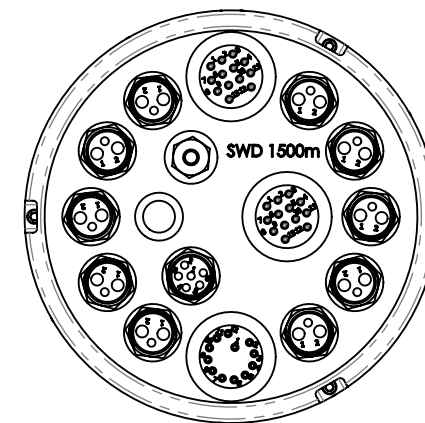
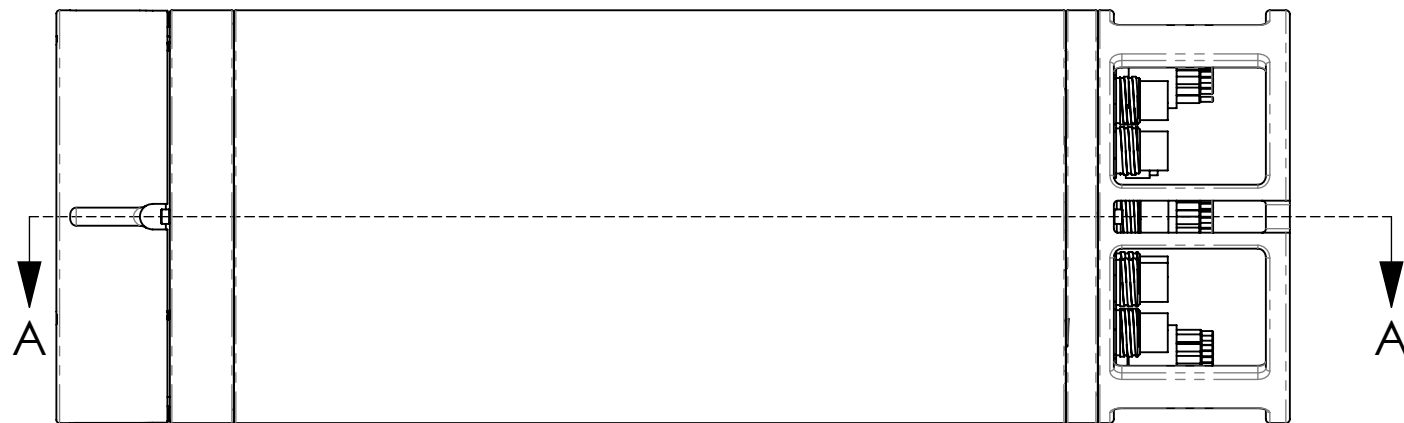


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REVISIONS

INITIAL RELEASE

X/XX/01	
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SECTION A-A
SCALE 1 : 3

Water Weight = -1.52105

SWD = 1500m

7. PROJECT LIBRARY:\800139.EyeRIS\EyeRIS.Drawings\Project.ME.Dwgs\LRAUV\1500m

NOTES: (CONT. FROM TITLE BLOCK)

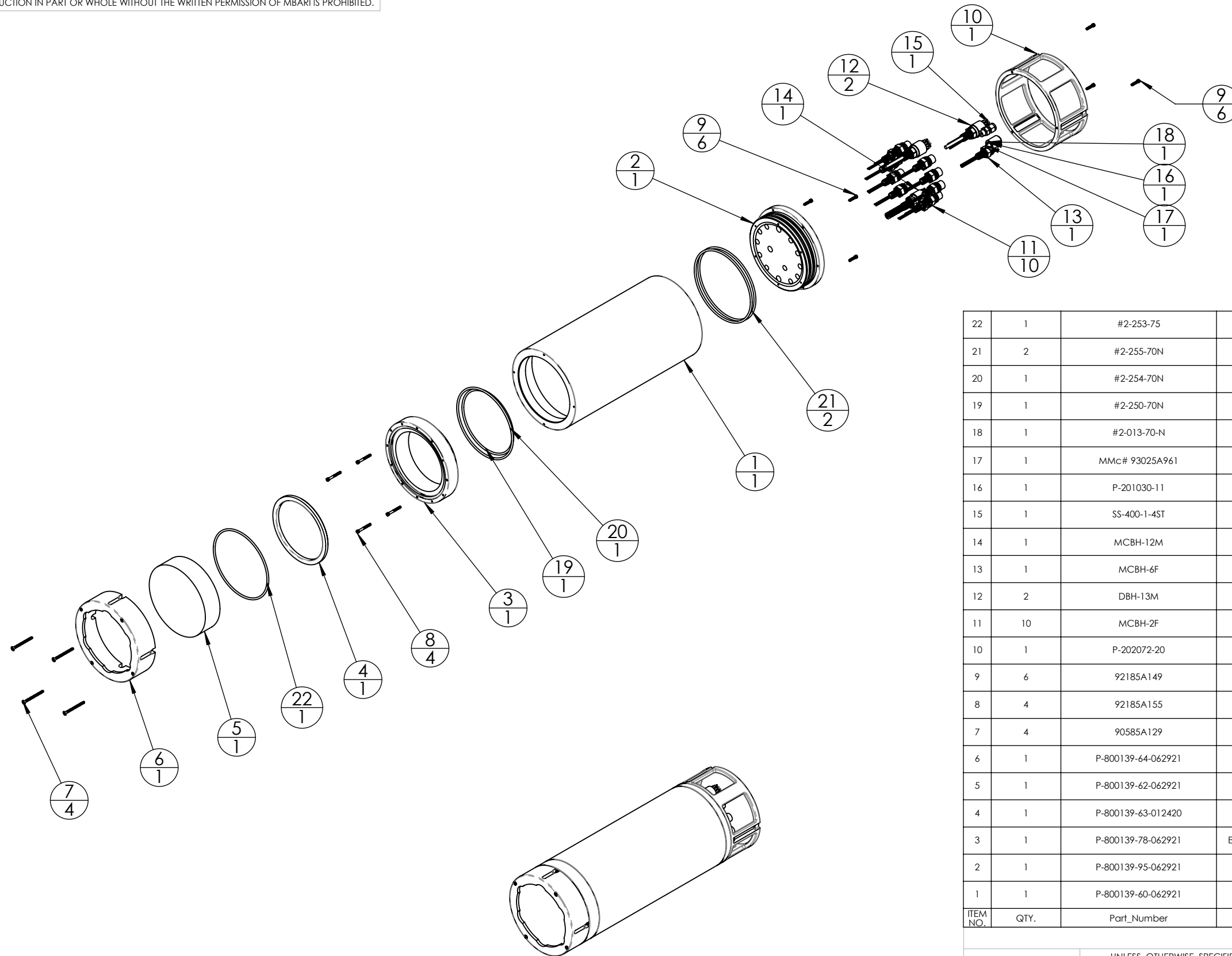
23	1	#2-253-75	O-Ring			Viton
21	2	#2-255-70N	O-Ring			BUNA - N
20	1	#2-254-70N	O-Ring			BUNA - N
19	1	#2-250-70N	O-Ring			BUNA - N
18	1	#2-013-70-N	O-Ring			BUNA - N
17	1	MMc# 93025A961	1/4-20 Brass Stud x 1.00		McMaster-Carr	Brass
16	1	P-201030-11	Zinc Anode from Bar Stock	A	MBARI	Zinc - 99.6%
15	1	SS-400-1-4ST	Male SAE/MS Straight Thread		SWAGELOK	316 S.S.
14	1	MCBH-12M	Conn		SubConn	
13	1	MCBH-6F	Conn		SubConn	
12	2	DBH-13M	Conn		SubConn	
11	10	MCBH-2F	Conn		SubConn	
10	6	92185A149	#6-32 x 5/8 Soc Hd Cap		McMaster-Carr Supply Company	316 Stainless Steel
9	4	92185A155	#6-32 x 1-1/4 Sckt Hd Cap		McMaster-Carr	
8	4	90585A129	6-32 x 2" Flt Soc Hd Screw		McMaster-Carr	AlSI 316
7	1	P-202072-20	PV Handle	A	MBARI	6061-T6 Alloy
6	1	P-800139-64-062921	EyeRis 1500m Window Retainer		MBARI	POM Delrin (Black)
5	1	P-800139-62-062921	EyeRis 1500m Acrylic Window		MBSRI	Acrylic (Medium-high impact)
4	1	P-800139-63-012420	EyeRis Acrylic Window Support Ring	A	MBARI	17-4ph S.S. H1150
3	1	P-800139-78-062921	EyeRis 1500m Camera Window End Cap		MBARI	6061-T6 (SS)
2	1	P-800139-95-062921	EyeRis 1500m Camera Case End Cap		MBARI	6061-T6 (SS)
1	1	P-800139-60-062921	EyeRis 1500m Tube		MBARI	6061-T6 (SS)
ITEM NO.	QTY.	Part_Number	DESCRIPTION	Revision	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						
Engineer						CHECKED							
NEXT ASSY Description	NEXT ASSY Number					PROJECT NO.	800139						
		PROJECT	EyeRis				EyeRis - LRAUV CAMERA CASE						
						EyeRis 1500m External Camera Case							
		SIZE B	DWG. NO.		A-221xxx-21.DWG		REV.						
		SCALE 1:8	CAD FILE: MECH ENG ON TORNADO		SHEET 1		OF 2						
Application		DO NOT SCALE DRAWING				WEIGHT 16.120							

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



22	1	#2-253-75	O-Ring			Viton
21	2	#2-255-70N	O-Ring			BUNA - N
20	1	#2-254-70N	O-Ring			BUNA - N
19	1	#2-250-70N	O-Ring			BUNA - N
18	1	#2-013-70-N	O-Ring			BUNA - N
17	1	MMc# 93025A961	1/4-20 Brass Stud x 1.00		McMaster-Carr	Brass
16	1	P-201030-11	Zinc Anode from Bar Stock	A	MBARI	Zinc - 99.6%
15	1	SS-400-1-4ST	Male SAE/MS Straight Thread		SWAGELOK	316 S.S.
14	1	MCBH-12M	Conn		SubConn	
13	1	MCBH-6F	Conn		SubConn	
12	2	DBH-13M	Conn		SubConn	
11	10	MCBH-2F	Conn		SubConn	
10	1	P-202072-20	PV Handle	A	MBARI	6061-T6 Alloy
9	6	92185A149	#6-32 x 5/8 Soc Hd Cap		McMaster-Carr Supply Company	316 Stainless Steel
8	4	92185A155	#6-32 x 1-1/4 Sckt Hd Cap		McMaster-Carr	
7	4	90585A129	6-32 x 2" Flt Soc Hd Screw		McMaster-Carr	AISI 316
6	1	P-800139-64-062921	EyeRis 1500m Window Retainer		MBARI	POM Delrin (Black)
5	1	P-800139-62-062921	EyeRis 1500m Acrylic Window		MBSRI	Acrylic (Medium-high impact)
4	1	P-800139-63-012420	EyeRis Acrylic Window Support Ring	A	MBARI	17-4ph S.S. H1150
3	1	P-800139-78-062921	EyeRis 1500m Camera Window End Cap		MBARI	6061-T6 (SS)
2	1	P-800139-95-062921	EyeRis 1500m Camera Case End Cap		MBARI	6061-T6 (SS)
1	1	P-800139-60-062921	EyeRis 1500m Tube		MBARI	6061-T6 (SS)
ITEM NO.	QTY.	Part_Number	DESCRIPTION	Revision	Vendor	MATERIAL

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	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									
						PROJECT NO.	800139								
NEXT ASSY Description	NEXT ASSY Number					PROJECT	EyeRis				EYERIS - LRAUV				
											EyeRis 1500m External Camera Case				
Application		DO NOT SCALE DRAWING				WEIGHT		16.120 lb.		SIZE		DWG. NO.		REV.	
										B		A-221xxx-21.DWG			
										SCALE		1:8		CAD FILE: MECH ENG ON TORNADO SHEET 2 OF 2	

7. PROJECT LIBRARY:\800139.EyeRIS\EyeRIS.Drawings\Project.ME.Dwgs\LRAUV\1500m

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