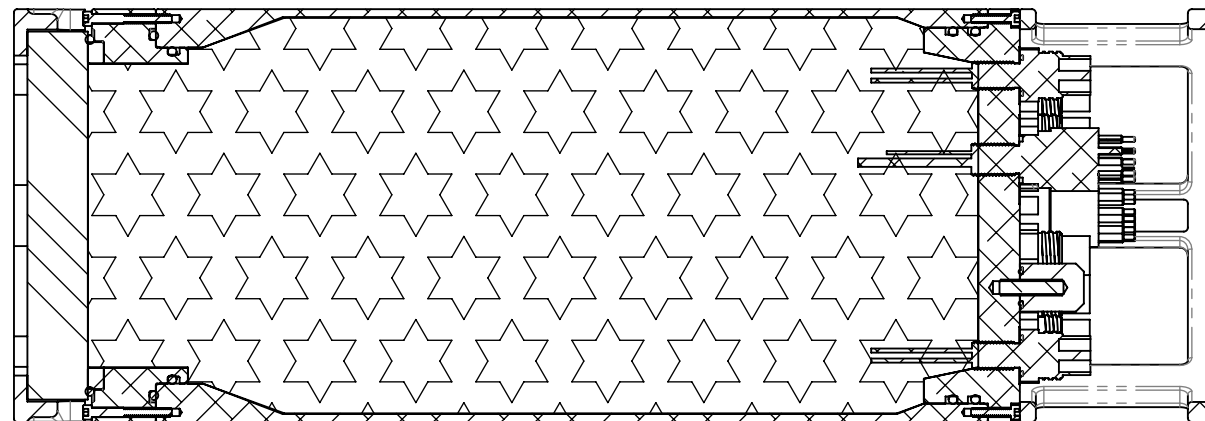
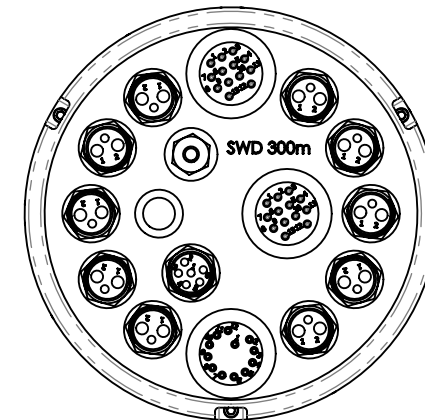
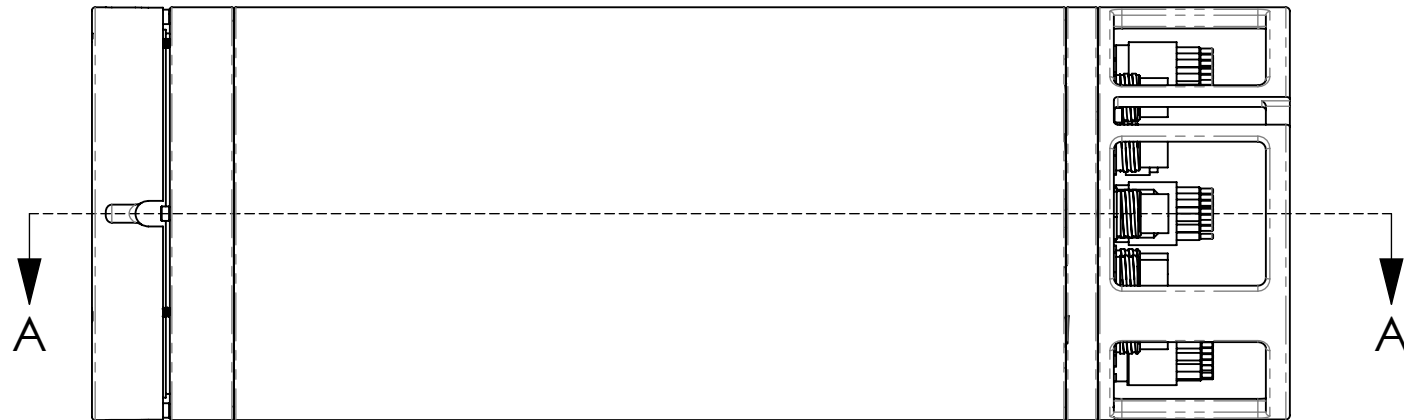




SECTION A-A
SCALE 1 : 3

Water Weight = -5.94571

SWD = 300m

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

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-xxx-70N	2-013-70N			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	7	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	90585A219	#6-32 x 1-1/4 Flt Hd Screw		McMaster-Carr	
7	1	P-202072-20	PV Handle	A	MBARI	6061-T6 Alloy
6	1	P-800139-64-012420	EyeRis 6 Window Retainer		MBARI	POM Delrin (Black)
5	1	P-800139-62-012420	EyeRis Sapphire Window		MBSRI	Acrylic (Medium-high impact)
4	1	P-800139-63-012420	EyeRis Window Support Ring	A	MBARI	17-4ph S.S. H1150
3	2	P-800139-78-061220	EyeRis 300m Camera Window End Cap	A	MBARI	6061-T6 (SS)
2	1	P-800139-79-061220	EyeRis 300m Camera Case End Cap		MBARI	6061-T6 (SS)
1	1	P-800139-60-110320	EyeRis 300m Tube	C	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												
						PROJECT NO.	800139											
NEXT ASSY Description	NEXT ASSY Number					PROJECT	EyeRis			EyeRis CAMERA CASE								
											EyeRis External Camera Case							
											SIZE B		DWG. NO.		A-221xxx-21.DWG		REV.	
											SCALE 1:8		CAD FILE: MECH ENG ON TORNADO		SHEET 1		OF 1	
Application		DO NOT SCALE DRAWING				WEIGHT		12.290										