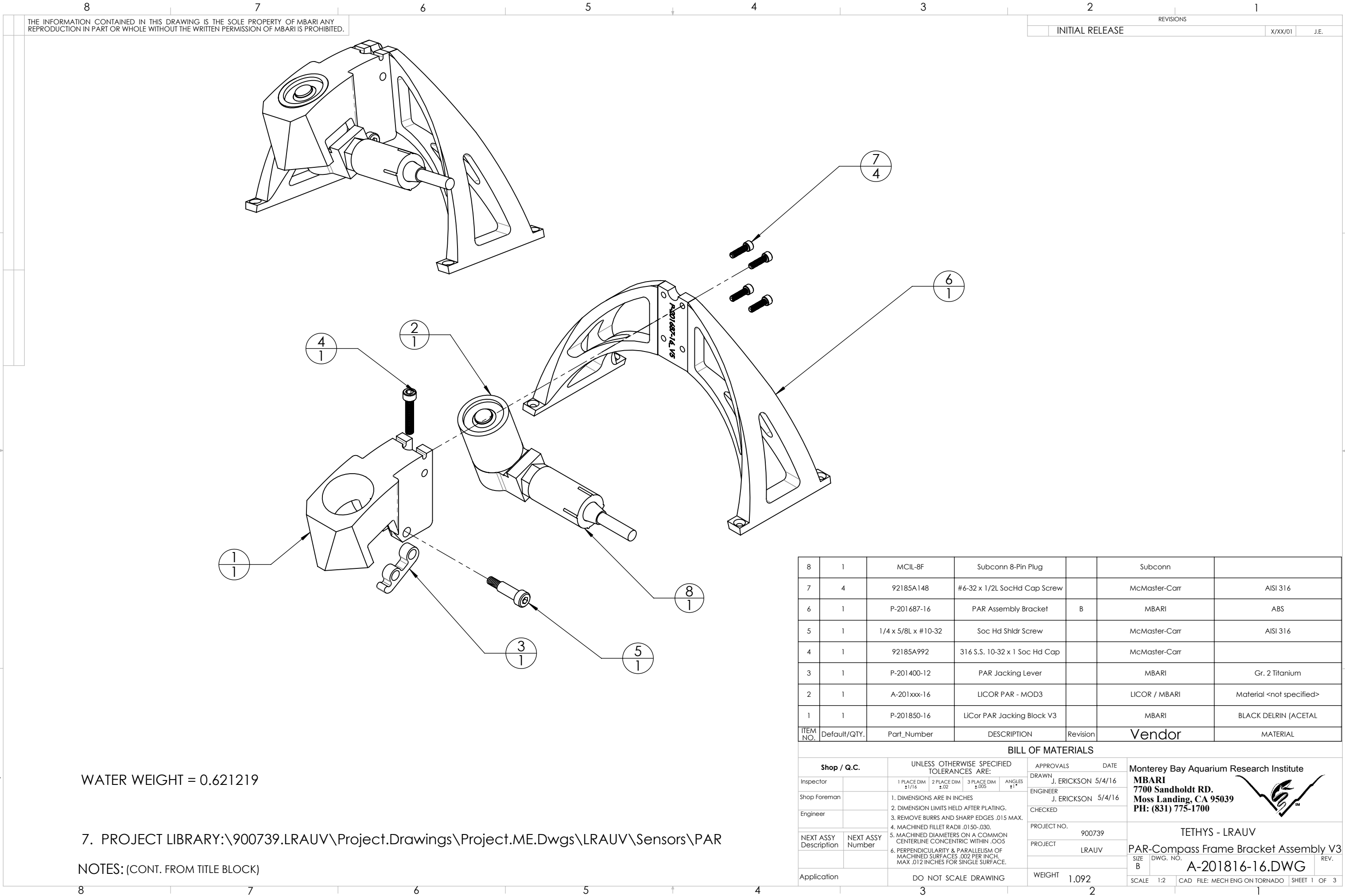




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REVISIONS		
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8	1	MCIL-8F	Subconn 8-Pin Plug		Subconn	
7	4	92185A148	#6-32 x 1/2L SocHd Cap Screw		McMaster-Carr	AISI 316
6	1	P-201687-16	PAR Assembly Bracket	B	MBARI	ABS
5	1	1/4 x 5/8L x #10-32	Soc Hd Shldr Screw		McMaster-Carr	AISI 316
4	1	92185A992	316 S.S. 10-32 x 1 Soc Hd Cap		McMaster-Carr	
3	1	P-201400-12	PAR Jacking Lever		MBARI	Gr. 2 Titanium
2	1	A-201xxx-16	LICOR PAR - MOD3		LICOR / MBARI	Material <not specified>
1	1	P-201850-16	LiCor PAR Jacking Block V3		MBARI	BLACK DELRIN (ACETAL)
ITEM NO.	Default/QTY.	Part_Number	DESCRIPTION	Revision	Vendor	MATERIAL

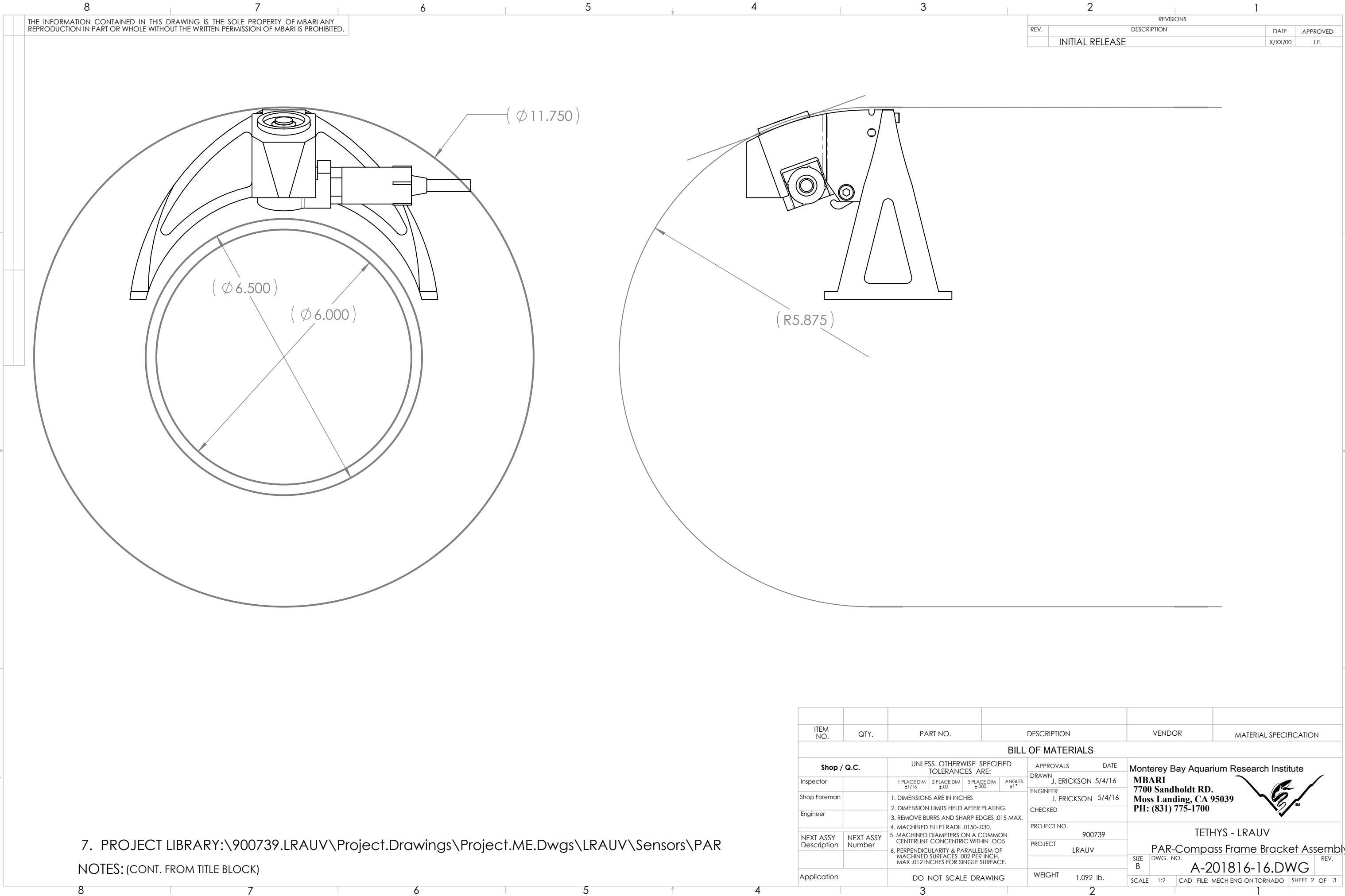
BILL OF MATERIALS

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  TETHYS - LRAUV PAR-Compass Frame Bracket Assembly V3		
Inspector		1 PLACE DIM ±1/16	2 PLACE DIM ±.02	DRAWN	J. ERICKSON 5/4/16			
Shop Foreman		3 PLACE DIM ±.005	ANGLES ±1°	ENGINEER	J. ERICKSON 5/4/16			
Engineer		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.		CHECKED				
NEXT ASSY Description	NEXT ASSY Number			PROJECT NO.	900739	SIZE B	DWG. NO.	REV.
Application		DO NOT SCALE DRAWING		PROJECT	LRAUV	A-201816-16.DWG		
				WEIGHT	1.092	SCALE 1:2	CAD FILE: MECH ENG ON TORNADO	SHEET 1 OF 3

WATER WEIGHT = 0.621219

7. PROJECT LIBRARY:\900739.LRAUV\Project.Drawings\Project.ME.Dwgs\LRAUV\Sensors\PAR

NOTES: (CONT. FROM TITLE BLOCK)



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

7. PROJECT LIBRARY:\900739.LRAUV\Project.Drawings\Project.ME.Dwgs\LRAUV\Sensors\PAR

NOTES: (CONT. FROM TITLE BLOCK)

ITEM NO.	QTY.	PART NO.	DESCRIPTION	VENDOR	MATERIAL SPECIFICATION
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°
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					
NEXT ASSY Description	NEXT ASSY Number				
Application		DO NOT SCALE DRAWING		WEIGHT 1.092 lb.	
				PROJECT NO. 900739	
				PROJECT LRAUV	
				PROJECT NO. 900739	
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				PROJECT NO. 900739	
				PROJECT LRAUV	
				PROJECT NO.	

Monterey Bay Aquarium Research Institute
MBARI
7700 Sandholdt RD.
Moss Landing, CA 95039
PH: (831) 775-1700



TETHYS - LRAUV
PAR-Compass Frame Bracket Assembly V3

87654321

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

D

C

B

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87654321

NOTES: (CONT. FROM TITLE BLOCK)

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.	XXX				
		PROJECT	ZZZZZZZ								
Application		DO NOT SCALE DRAWING				WEIGHT	lb.	SIZE B	DWG. NO.		REV.
								SCALE	1:2	CAD FILE: MECH ENG ON TORNADO	SHEET 3 OF 3

87654321

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