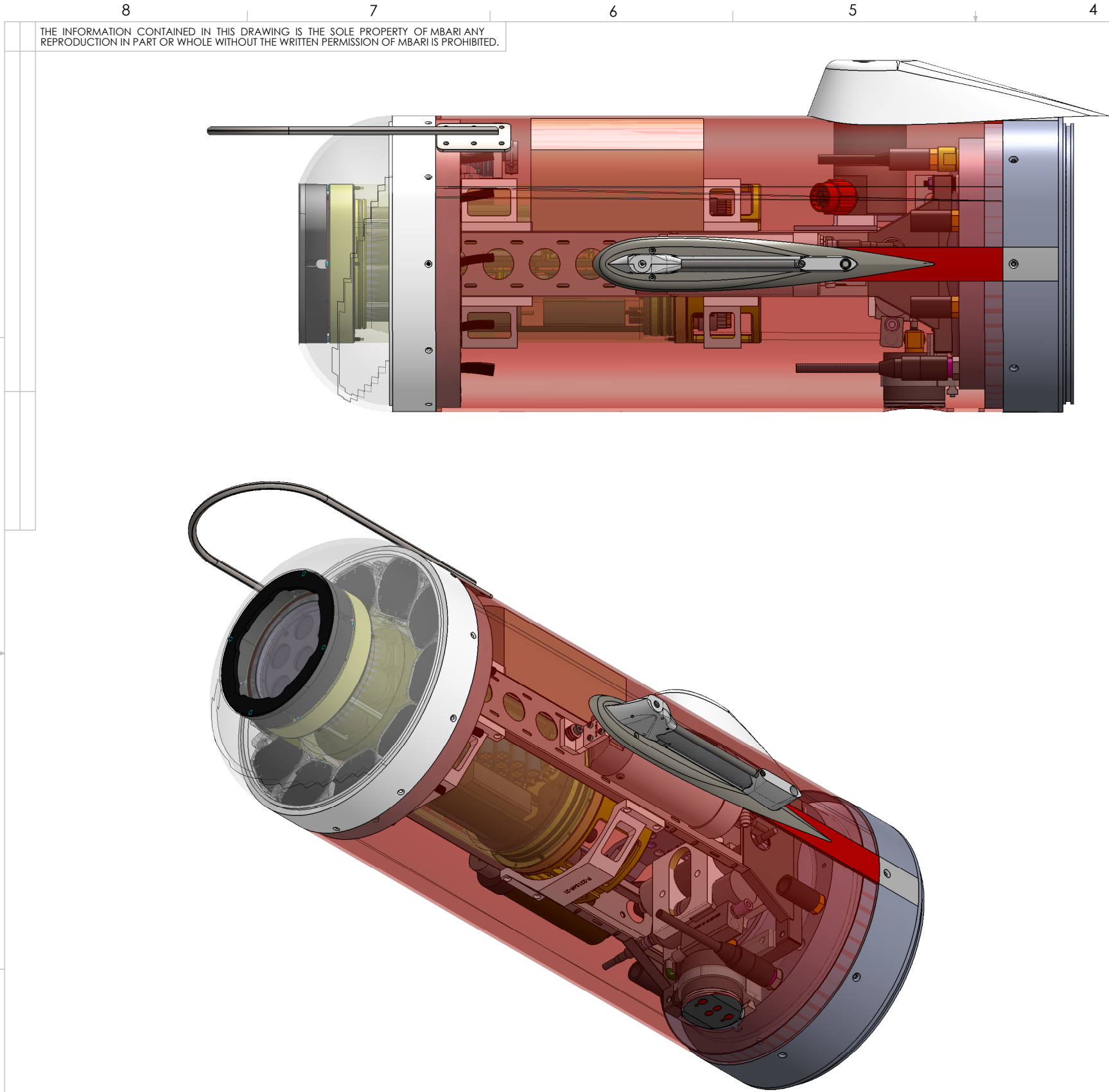




7. PROJECT LIBRARY:\900739.LRAUV\Project.Drawings\
Project.ME.Dwgs\LRAUV\Nose-Assemblies\X-Long_PyldNsFrm_Ti

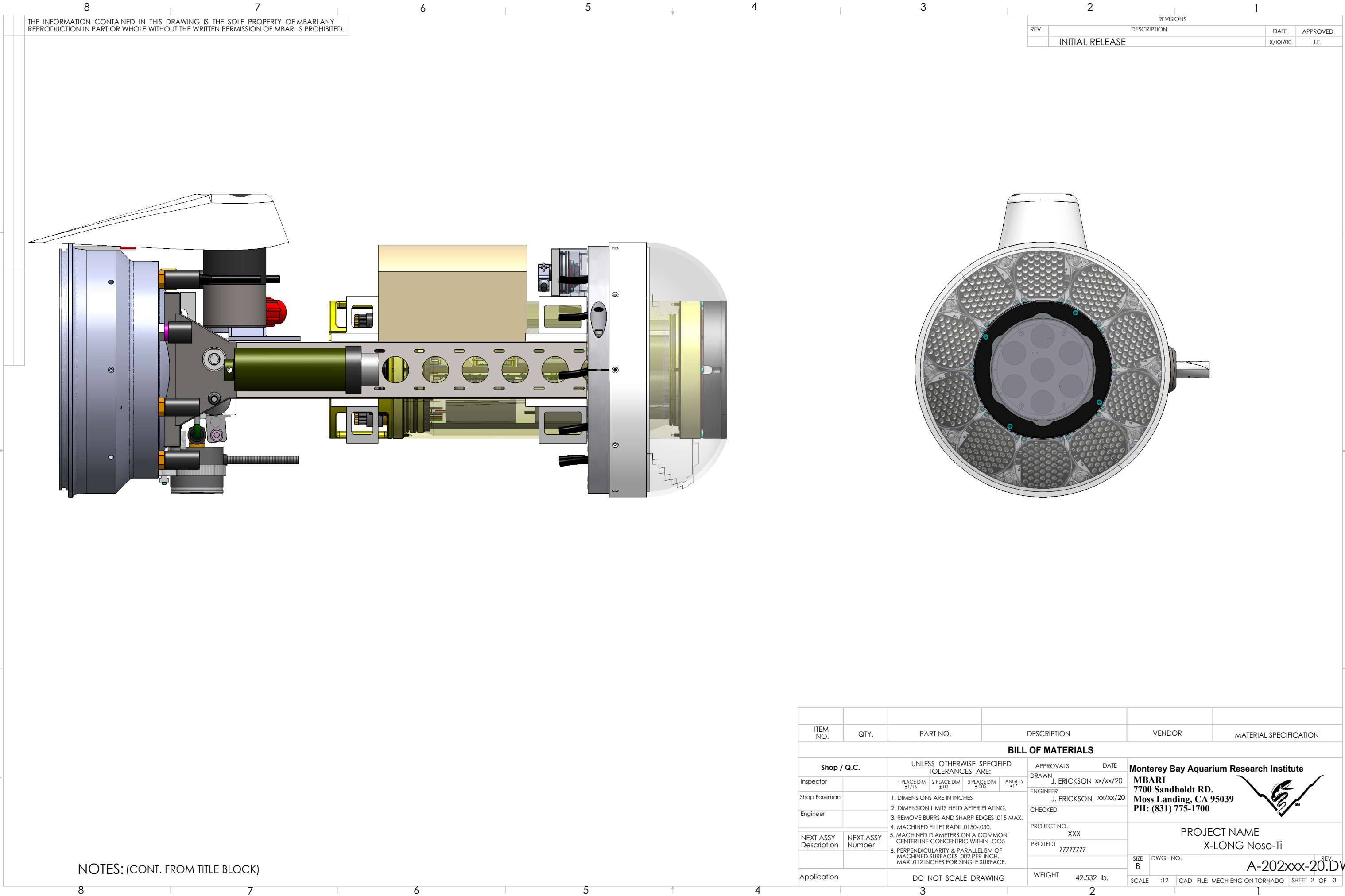
NOTES: (CONT. FROM TITLE BLOCK)

29	1	P-221595-21	EyeRis Nose Frame Foam		Engineered Syntactic Systems	24 lb Foam
28	1	A-202017-18	DAT Flow Shell Slot Cover		MBARI	
27	1	A-201814-16	PayLoad Nose Shell CTD Slot Cover		Waterat	
26	1	A-201951-17		B	Waterat	
25	1	A-800139-77-061620	Mounted Strobe Full Model		MBARI	
24	1	A-221xxx-20	EyeRis Combined Camera Housing 300m		MBARI	
23	2	P-221569-21	EyeRis Case Mount Bracket		MBARI	ABS
22	2	P-221568-21	EyeRis LRAUV Compass Bracket		MBARI	ABS
21	1	A-200887-17		A	MBARI	
20	1	A-201667-14	DAT Xducer Foam Assem_V2		MBARI	
19	1	ULB-350/37	Pinger Xducer		RJE Int.	
18	1	A-201xxx-16	SeaBird-PayLoad Assembly			
17	1		SBE43-DO_PumpAssembly			
16	1	ECO-MB@-220604	Eco Puck Fluorometer Assembly		WET Labs	
15	1	A-200756-19	Puck Clamp Assembly		MBARI	
14	2	94805A029	1/4-20 Jam Nut		McMASTER-CARR	316 Stainless Steel
13	2		1/4 Flat Washer		McMaster-Carr	Titanium Gr2
12	1	A-202xxx-19	X-Long PatLoad Frame - EyeRis		MBARI	Material <not specified>
11	2	PCC_C21-003	Bellville spring washer		Product Component Parts	DELFIN
10	1	C27460	Nylon Shoulder Bushing		Product Components Corp.	Nylon 6/10
9	1	90575A550	Thread Stud		McMaster-Carr	316 SS
8	1	P-201326-12	Chassis Tie Rod End Fix	-	MBARI	Titanium 6AL-4V
7	1	P-201471-12	Chassis Rod End		MBARI	6061-T6 Alum.
6	1	MCIL12-M	Subconn 12 Pin Plug		SubConn	
5	1	P-201705-18	ISUS_Probe_BulkHd 7/16-20 port		MBARI	6061-T6 Alloy
4	1	P-200626-08	PressHull_EndDome_FWD	G	MBARI	6061-T6 Alloy
3	2	MCBH12F	Subconn Micro-12		Subconn	
2	6	MCBH-8F	8-Pin Bulkhead port Connector		Subconn	
1	2		MALE 8 PIN 316 20KFSW W-BLOCK			
ITEM NO.	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 xx/xx/20
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 xx/xx/20
Engineer						CHECKED
NEXT ASSY Description	NEXT ASSY Number					PROJECT NO. 900739
						PROJECT LRAUV
Application		DO NOT SCALE DRAWING				WEIGHT 42.532
						SIZE B DWG. NO. A-202xxx-20.DWG
						SCALE 1:12 CAD FILE: MECH ENG ON TORNADO SHEET 1 OF 3

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Moss Landing, CA 95039
PH: (831) 775-1700

TETHYS - LRAUV
X-LONG Nose-Ti



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

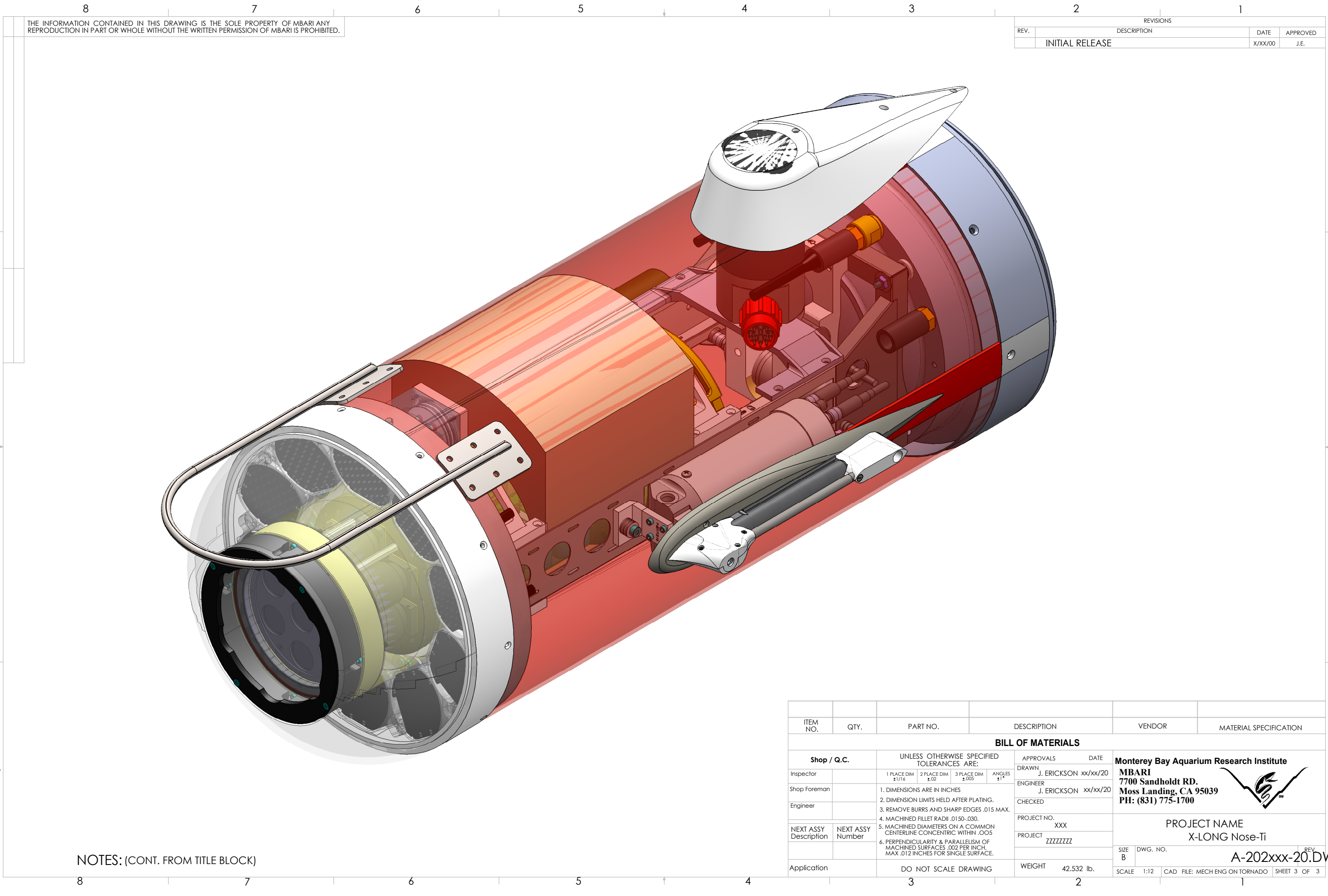
NOTES: (CONT. FROM TITLE BLOCK)

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.			
Engineer		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.			
NEXT ASSY Description	NEXT ASSY Number			PROJECT NO. XXX	
				PROJECT ZZZZZZZZ	
Application		DO NOT SCALE DRAWING		WEIGHT 42.532 lb.	
				SIZE B DWG. NO. A-202xxx-20.DWG	
				SCALE 1:12 CAD FILE: MECH ENG ON TORNADO SHEET 2 OF 3	

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

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			
Engineer		2. DIMENSION LIMITS HELD AFTER PLATING.			
		3. REMOVE BURRS AND SHARP EDGES .015 MAX.			
		4. MACHINED FILLET RADII .0150-.030.			
NEXT ASSY Description	NEXT ASSY Number	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.			
Application		DO NOT SCALE DRAWING		WEIGHT 42.532 lb.	
				PROJECT NO. XXX	
				PROJECT ZZZZZZZZ	
				PROJECT NAME X-LONG Nose-Ti	
				SIZE B DWG. NO. A-202xxx-20.DWG	
				SCALE 1:12 CAD FILE: MECH ENG ON TORNADO SHEET 3 OF 3	

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