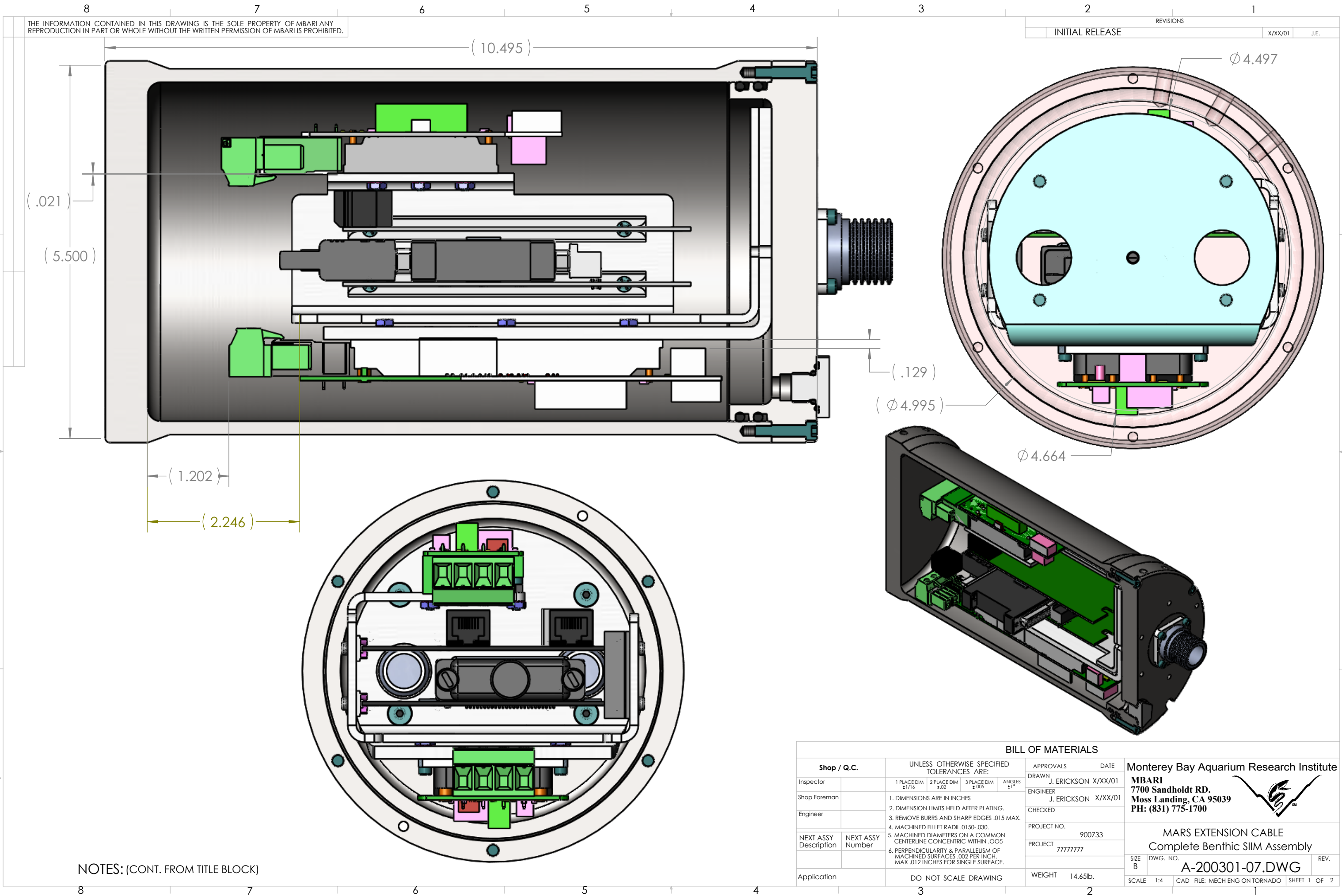




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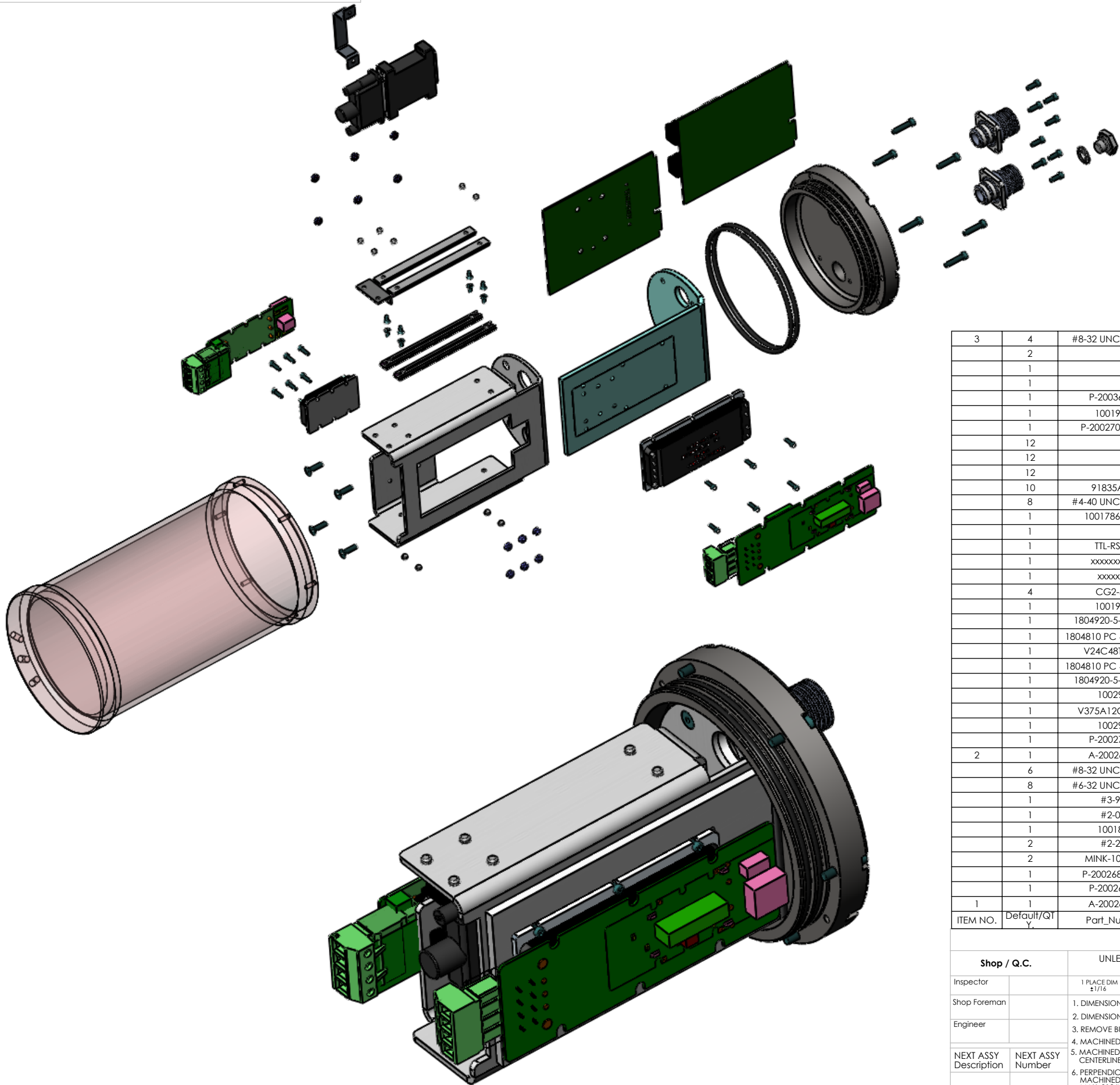
REVISIONS		
INITIAL RELEASE	X/XX/01	J.E.

NOTES: (CONT. FROM TITLE BLOCK)

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 X/XX/01		
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 X/XX/01		
Engineer						CHECKED			
NEXT ASSY Description	NEXT ASSY Number					PROJECT NO.		900733	
						PROJECT		ZZZZZZZ	
Application		DO NOT SCALE DRAWING				WEIGHT	14.65lb.		
		3						2	
						Monterey Bay Aquarium Research Institute			
						MBARI 7700 Sandholdt RD. Moss Landing, CA 95039 PH: (831) 775-1700			
						MARS EXTENSION CABLE Complete Benthic SIIM Assembly			
						SIZE B	DWG. NO.		A-200301-07.DWG
SCALE 1:4		CAD FILE: MECH ENG ON TORNADO		SHEET 1 OF 2		1			

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



3	4	#8-32 UNC-2A x 5/8	FLT HD SCREW	McMASTER-CARR	316 SS
	2				
	1				
	1		Patton 3241-R-UI_DSL		
	1	P-200368-07	Timing Pulse Bracket	MBARI	5052-(H34) Alloy
	1	10019989	VCR_Micro_Carrier	MBARI	
	1	P-200270-07_V6	DSL-SIIM_Electronics_Chassis	MBARI	5052-(H34) Alloy
	12		SOC HD CAP SCREW	McMASTER-CARR	316 SS
	12		#4-40 HEX NUT	McMASTER-CARR	18-8 Stainless Steel
	12		#4 External tooth Lock Washer	McMASTER-CARR	S.S.
	10	91835A520	#4 Panel Lock Nut	McMaster-Carr	18-8 S.S.
	8	#4-40 UNC-2A x 1/4	18-8 Stainless Steel - 82 Degree Head	McMASTER-CARR	18-8 S.S.
	1	1001786.DWG	ALUM. ANGLE	MBARI	Material <not specified>
	1		DB25_Receptacle_Conn.		
	1	TTL-RS422	TimingPulseAssem		
	1	xxxxxxxxxxxx	Right Angle 25 pin D-Sub		
	1	xxxxxxx	Temp Board (for timing)		
	4	CG2-50P	Vector Card Guide		
	1	10019989	VCR_Micro_Carrier	MBARI	
	1	1804920-5-4-st-7.62	Plug 20A 400V 7.62 Pitch 4 Pos.	Poenix Contact	
	1	1804810 PC 4/4-G-7.62	Header 20A 400V 7.62 Pitch 4 Pos.	Phoenix Contact	
	1	V24C48T100BL	DC-DC Converter Module	VICOR	
	1	1804810 PC 4/4-G-7.62	Header 20A 400V 7.62 Pitch 4 Pos.	Phoenix Contact	
	1	1804920-5-4-st-7.62	Plug 20A 400V 7.62 Pitch 4 Pos.	Poenix Contact	
	1	1002978	MARS SIIS Large VICOR PCB	MBARI	
	1	V375A12C600BG	DC-DC Converter Module	VICOR	
	1	1002978	VICOR-PCB ASSEMBLY		
	1	P-200271-07	Maxi Vicor HeatSink Plate	MBARI	Copper (CDA110) ETP
2	1	A-200269-07	MARS SIIM Interior Chassis Assem	MBARI	
	6	#8-32 UNC-2A x 3/4	SOC HD CAP SCREW	McMASTER-CARR	Titanium Gr.2
	8	#6-32 UNC-2A x 3/8	SOC HD CAP SCREW	McMASTER-CARR	Titanium Gr.2
	1	#3-904	O-RING		BUNA - N
	1	#2-015	O-RING		BUNA - N
	1	1001853	VENT PLUG		Titanium 6AL-4V
	2	#2-248	O-Ring		BUNA - N
	2	MINK-10-FCRL	MinK Flange BlkHd	Brantner	Titanium 6AL-4V
	1	P-200268-07-07	MACHINED BLANK CASE	MBARI	6AL-4V Ti Gr.5
	1	P-200267-07	Cap for 1000m Ti Housing	MBARI	6AL-4V Titanium
1	1	A-200266-07	1800m_PressCase Assem	MBARI	
ITEM NO.	Default/QTY.	Part_Number	DESCRIPTION	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 X/XX/00			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 RADI .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 X/XX/00						
Engineer						CHECKED							
NEXT ASSY Description	NEXT ASSY Number					PROJECT NO.	900733		PROJECT				
Application		DO NOT SCALE DRAWING				WEIGHT		SIZE B DWG. NO. A-200301-07.DWG REV. SCALE 1:4 CAD FILE: MECH ENG ON TORNADO SHEET 2 OF 2					

NOTES: (CONT. FROM TITLE BLOCK)