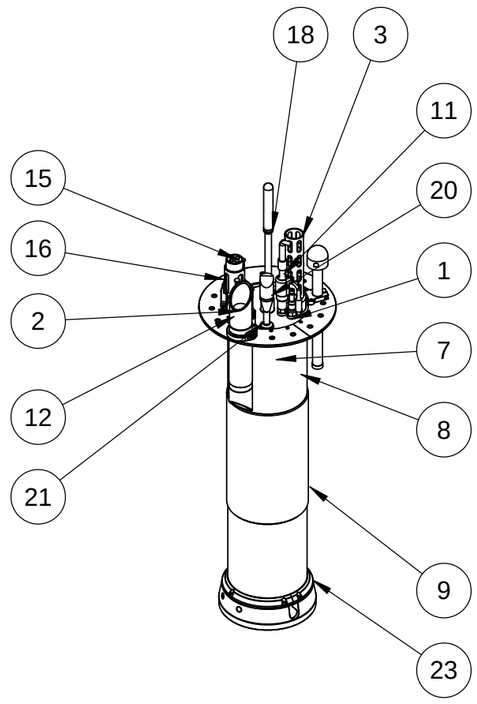
REVISIONS

REV.	DESCRIPTION	DATE	APPROVED
A.94	INITIAL RELEASE	MMM DD, YYYY	Gene M



MBARI BOM

ITEM NO.	Revision	SW-File Name(File Name)	MATERIAL	Vendor	Vendor No	Manufacturer	ManufacturerNo	ASSY. QTY.	Build QTY.
1	A.51	Housing						1	
2	A.50	topPlate						1	
3		SBE41WetSide	Material <not specified>	Sea Bird		Sea Bird		1	
4	A.77	InnerBellows						1	
5	A.01	Hydraulics						1	
6	A.02	CPFFiberAssy						1	
7	A.50	ElexModule						1	
8	A	UTubeExtBladder	none	MBARI				1	
9		tubeCover						1	
10	A.08	MCBH8F		Sub Con		Sub Con		5	
11	A.06	MCIL8M		Sub Con		Sub Con		4	
12	A.06	MCDLS-F		Sub Con		Sub Con		4	
13	A.02	P-SensorIsolator	Material <not specified>	MBARI		MBARI		1	
14	A.08	P-sensor	PVC Rigid					1	
15	A.04	OCR504						1	
16	A	OCRBracket2	Proto3000 ABS-M30i Fused Deposition Modeling Polymer	MBARI		MBARI		1	
17	A.07	tridentAntenna						1	
18	A	antennaStem	6061-T6 (SS)	MBARI		MBARI		1	
19		4375-20 Aluminum Plug	6061-T6 (SS)	MBARI		MBARI		1	
20		CPF Vacuum Fitting	Delrin 2700 NC010, Low Viscosity Acetal Copolymer (SS)	MBARI		MBARI		1	
21	A.31	Optode						1	
22		SCHCSCREW 0.164-32x0.75x0.75-HX-N	Material <not specified>	McMaster Carr				4	
23	A.05	basePedestal						1	
24	A.08	91345A690	PEI	McMaster Carr				1	

Status:

BILL OF MATERIALS

NEXT ASSY Description	NEXT ASSY Number

UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:

1 PLACE DIM ±1/16	2 PLACE DIM ±.02	3 PLACE DIM ±.005	ANGLES ±1°

THIRD ANGLE PROJECTION

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 .OO5
6. PERPENDICULARITY & PARALLELISM OF MACHINED SURFACES .002 PER INCH. MAX .012 INCHES FOR SINGLE SURFACE.

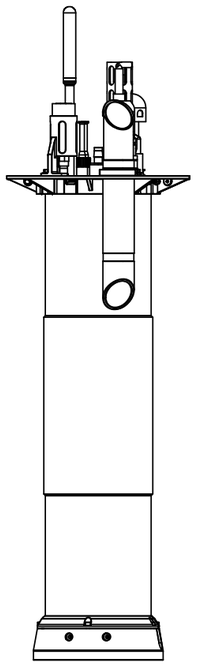
DO NOT SCALE DRAWING

APPROVALS	DATE
DRAWN Gene M.	
ENGINEER Gene M.	
CHECKED	
PROJECT NO. 901602	
PROJECT Coastal Profiling Float	
MATL Material <not specified>	

Monterey Bay Aquarium Research Institute
M B A R I
7700 Sandholdt Rd.
Moss Landing, CA 95039
831 775-1922

SIZE	DWG. NO.	REV.
B		A.94

SCALE 1:16 | CAD FILE: | SHEET 1 OF 4



MBARI BOM

WO Placed	Ordered	Kitted	ITEM NO.	Revision	SW-File Name(File Name)	MATERIAL	WEIGHT	Ma
NA	NA	NA	1	A.50	topPlate			
			1.1	A	stabilityPlate2	Proto3000 ABS-M30 Fused Deposition Modeling Polymer	0.601	
			1.2	A.08	91345A690	PEI	0.00	
			1.3	A	FLBBBracket-cpfv2	Proto3000 ULTEM* 9085 Fused Deposition Modeling Polymer	0.12	
			1.4	A.15	WetlabsFLBB			
NA	NA	NA	1.4.1	A.05	WetLabsFLBBRgAngleConn	Material <not specified>	1.02	
NA	NA	NA	1.4.2	A.04	mcbhra6m	Material <not specified>	0.01	
			1.5	A.01	91345A692_FIBERGLASS HEX HEAD CAP SCREW	E-Glass Fiber	0.01	
			1.6	A.03	Sonardyne7815	Material <not specified>	2.05	
			1.7	A.03	novatechICBN	Material <not specified>	0.669	
			1.8	A	icbnBracket	Proto3000 PC-ABS Fused Deposition Modeling Polymer	0.056	
			1.9	A	stabilityPlate2	Proto3000 ABS-M30 Fused Deposition Modeling Polymer	0.620	
			1.10	A	7815Bracket	Material <not specified>	0.051	
			2		SBE41WetSide	Material <not specified>	0.861	
NA	NA	NA	3	A	UTubeExtBladder	none		
			3.1	A	bladderTubeID3	POLYURETHANE (11671)	0.822	
			3.2	A	bladderTubeTop	PC High Viscosity	0.19	
			3.3	A	bladderTubePadEye	PC High Viscosity	0.03	
			3.4	A	91345A705_FIBERGLASS HEX HEAD CAP SCREW	Material <not specified>	0.01	

REVISIONS

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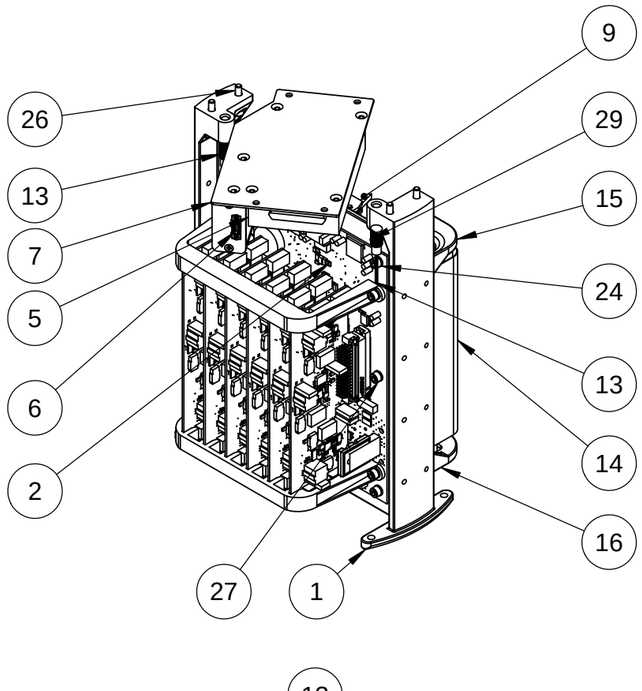

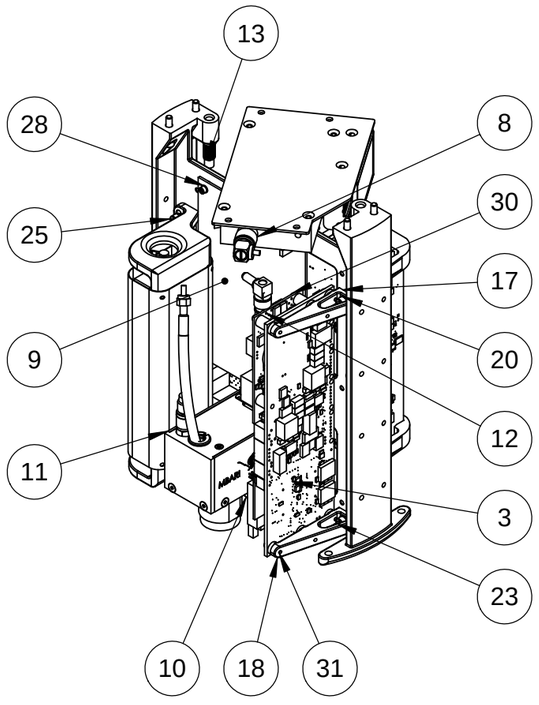

MBARI BOM		
ITEM NO.	with Tray/QTY.	SW-File Name(File Name)
1	1	elexChassis3D
2	1	cpf_motherboard
3	1	NewControllerStack
4	1	Amphenol132111
5	1	NAL-A3LARG
6	1	SmallGPS
7	1	modem-GPSPlate
8	1	Amphenol122420
9	1	CTDController
10	1	spectrometerAngleBracket
11	1	A-200781-14_V3
12	1	miniBNCRightAngle
13	2	LIttelfuse59065
14	1	fiberLight
15	1	fiberlightTopBracket3D
16	1	fiberlightBottomBracket3D
17	1	NewControllerBracket
18	1	NewControllerBracketBottom
19	2	Preferred Narrow FW 0.164
20	4	Regular LW 0.164
21	2	HX-SHCS 0.164-32x0.5x0.5-N
22	6	94648A340_PRESS-IN NUTS FOR SOFT MTLS AND PLASTICS
23	2	HX-SHCS 0.164-32x0.4375x0.4375-N
24	15	Regular LW 0.164SS-316
25	4	HX-SHCS 0.164-32x0.5x0.5-N-SS-316
26	4	HX-SHCS 0.164-32x0.75x0.75-N-SS-316
27	7	HX-SHCS 0.164-32x0.375x0.375-N-SS-316
28	10	Regular LW 0.112SS-316
29	4	HX-SHCS 0.112-48x0.375x0.375-N-SS-316
30	2	HX-SHCS 0.112-40x0.75x0.75-N-SS-316
31	4	HX-SHCS 0.112-40x0.375x0.375-N-SS-316

BILL OF MATERIALS

NEXT ASSY Description	NEXT ASSY Number	UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:	APPROVALS	DATE
		1 PLACE DIM ±1/16 · 2 PLACE DIM ±.02 · 3 PLACE DIM ±.005 · ANGLES ±1°	DRAWN Gene M.	
THIRD ANGLE PROJECTION		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 .OO5 6. PERPENDICULARITY & PARALLELISM OF MACHINED SURFACES .002 PER INCH. MAX .012 INCHES FOR SINGLE SURFACE. DO NOT SCALE DRAWING	ENGINEER Gene M.	
			CHECKED	
			PROJECT NO. 901602	
			PROJECT Coastal Profiling Float	
			MATL Material <not specified>	

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SCALE 1:4 · CAD FILE: · SHEET 3 OF 4

Status:

REVISIONS

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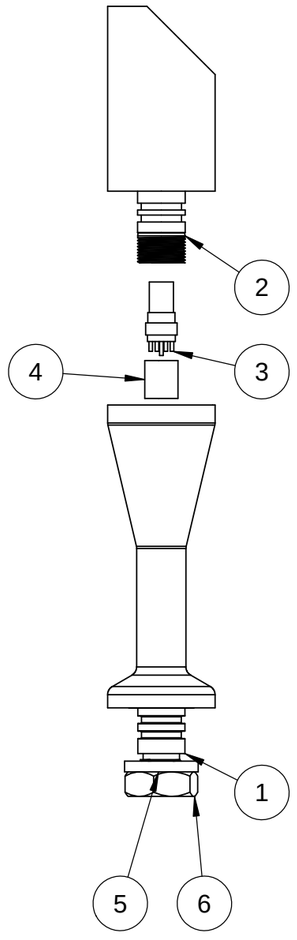
A.94	INITIAL RELEASE	MMM DD, YYYY	Gene M



MBARI BOM

ITEM NO.	SW-File Name(File Name)	Vendor	Exploded/QTY.
1	optodeStem	MBARI	1
2	Aandera4330Optode	Andera	1
3	LemoFFA.2S.310.ZLA	Lemo	1
4	8527K115	McMaster Carr	1
5	Regular LW 0.5625SS-316		1
6	HJNUT 0.5625-18-D-NSS-316		1

BILL OF MATERIALS

NEXT ASSY Description	NEXT ASSY Number

THIRD ANGLE PROJECTION

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SIZE	DWG. NO.	REV.
B		A.94

SCALE 1:2 | CAD FILE: | SHEET 4 OF 4

Status: