

87654321

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MBARI BOM

ITEM NO.	Revision	SW-File Name(File Name)	Vendor	VendorNo	Dwg Num	ASSY. QTY.
1		ISUSchassis				1
1.1		ISUSmount				1
1.2		ISUSchassisUnion				2
1.3		ISUSupportEndV2				1
1.4		Flat Head Phillips (U.S.)	McMASTER-CARR			4
1.5		Socket Head Cap Screws (U.S.)				2
2		NewControllerStack				1
2.1		CF2				1
2.2		PCB-pH2-10020553rc_SOLID				1
2.3		PCB-Cont2-10021035rb_SOLID_093				1
2.4		ThreadedStandoff				2
2.5		Spacer				14
2.6		CPUSupportAssy				1
2.6.1		CPU-support				1
2.6.2		93090A220				9
2.7		Pan Head Phillips (U.S.)	McMASTER-CARR			3
2.8		Pan Head Phillips (U.S.)	McMASTER-CARR			3
2.9		Pan Head Phillips (U.S.)	McMASTER-CARR			4
2.10		90715A007#6nylok				4
2.11		Pan Head Phillips (U.S.)	McMASTER-CARR			3
2.12		CF2holder				1
2.13		Spacer				1
2.14		Pan Head Phillips (U.S.)	McMASTER-CARR			1
3	A	SpectrometerA-200781-14_V2	MBARI			1
3.1	A	P-200779-09_Base	ZEISS			1
3.2		P-200778-14_Case_V3	MBARI	3218C63 Extruded Channel		1
3.3	B	P-200780-09_SidePlt	MBARI			2
3.4		Spec-Board	SpectronicDevices.com			1
3.5		A-D_BoardAssem_V2	SpectronicDevices.com			1
3.6		ZeissSpectrometer	Zeiss			1
3.7		Flat Head SCS (Metric)	McMASTER-CARR			8
3.8		#4-Stand_Jack_Screw	Keystone			2
3.9		standoff_#4-40xp25	Keystone Corp.			1
3.10		91500A122	McMaster-Carr			1
3.11		90257A005	McMaster-Carr			1
3.12		91760A162-SpecScrew				2
3.13		90295A100-SpecWasher				2
3.14		A-D_BoardAssem_V2	SpectronicDevices.com			1
4		FiberLightAssy				1
4.1		fiberLight				1
4.2		SpacerHex				4
4.3		fiberLightSupport				2
4.4		Spacer				4
4.5		Spacer				1
4.6		Pan Head Phillips (U.S.)	McMASTER-CARR			4
4.7		91831A005-#4NylokNut				4
4.8		Pan Head Phillips (U.S.)	McMASTER-CARR			3
4.9		Pan Head Phillips (U.S.)	McMASTER-CARR			1
4.10		fiber_Support				1
4.11		90715A007#6nylok				4
5		Bracketry				1
5.1		RefSupport				1
5.2		RefRetainerAssy				1
5.2.1		RefSupportRetainer				1
5.2.2		95185A140				2
5.3		Pan Head Phillips (U.S.)	McMASTER-CARR			2
6		Fiber2				1

1. ISUSchassis
2. NewControllerStack
3. SpectrometerA-200781-14_V2
4. FiberLightAssy
5. RefSupportRetainer
6. Fiber2

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.
			ENGINEER Gene M.
			CHECKED
			PROJECT NO. 901206
			PROJECT Coastal Profiling Float
			MAT'L
		DO NOT SCALE DRAWING	

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.

Monterey Bay Aquarium Research Institute

MBARI

7700 Sandholdt Rd.

Moss Landing, CA 95039

831 775-1922

SIZE B

DWG. NO.

SCALE 1:5

CAD FILE:

REV.

SHEET 1 OF 1