

MBARI BOM														
		ITEM NO.	Bin Label	Revision			SW-File Name(File Name)				Vendor	VendorNo	Dwg Num	ASSY. QTY.
		1	#1 Housing	B			HousingLionixV3.3				MBARI		100221678	1
		2	#2 PB Tube				063PBTubeCoil							1
		3	#3 PB Tube Fitting Assy	B			PFTubeFittingSwivelV2							2
		3.1	#3.1 PB Fitting, Plug	B			PBTubeFittingStraightPlugGlandSealV2							1
		3.2	#3.2 PB Fitting, Barb	B			PBTubeFittingStraightBarbGlandV3							1
		3.3	#3.3 Plug O-Ring				1295N112_Chemical-Resistant Viton Fluoroelastomer O-Ring				McMaster-Carr			1
		3.4	#3.4 Gland O-Ring				1295N116_Chemical-Resistant Viton Fluoroelastomer O-Ring				McMaster-Carr			1
		4	#4 ISFET O-Ring				1171N116_Square-Profile Oil-Resistant Buna-N O-Ring (2)				McMaster-Carr			1
		5	#5 Back Cover	A			backCoverPlugV3							1
		6	#6 Back Cover O-Ring				1201T25_Chemical-Resistant Viton Fluoroelastomer O-Ring				McMaster-Carr			1
		7	#7 2-56x7/8 SS SBHCS				SBHCSCREW 0.086-56x0.875-HX-N							4
		8	#8 Split LW, #2	B			Regular LW 0.086							4
		9	#9 VL Pellet Fuzzbutton	F			VLPelletFuzzButton				Custom Interconnects	80-075075		1
		10	#10 VL Pellet Contact Assy	F			VLPelletContact				MBARI	NA	100221688	1
		10.1	#10.1 VL Pellet, Altered	I			VLPelletContactAlteredItem				Mill-Max	1578-3-57-15-00-00-03-0		1
		10.2	#10.2 VL Pellet Wire	I			Wire				Weico	2330		1
		10.3	No Label	I			VLPelletWireSolder				Kester	24-6337-8808 or 24-6337-9756 or AIM SN100C		1
		11	#11 VL Pellet, Altered	G			VLRefPelletAlteredItem				Van London	Chloride ISE Pellet 7.2mm x 4.6mm MBARI-001 use MBARI Pin and Die	100221686	1
		12	#12 VL Pellet O-Ring	F			ORingSquare-010				McMaster Carr	4061T115		1
		13	#13 VL Pellet Cap	H			VLRefElectrodeCap				MBARI	NA	100221687	1
		14	#14 ISFET Assy	A			LionixSFET_Ver3							1
		14.1	#14.1 ISFET CCA				BondingPCB							1
		14.2	#14.2 ISFET Assy				LionixSFET							1
		14.2.1	#14.2.1 ISFET	A			genericISFET							1
		14.2.2	#14.2.2 Bond Wire				bondWireLoop							4
		14.3	#14.2 ISFET Backing Plate				spacerBackingPlate							1
		14.4	#14.4 ISFET Spacer				ISFETSpacerV3							1
		14.5	#14.5 0-80x0.25 SS SBHCS				SBHCSCREW 0.06-80x0.25-HX-N							2
		15	No Label				paveWire							1
		16	#16 2-56x0.188 Ti SHCS	F			SHCS Ti2-56x0.188				McMaster Carr	95435A207		2
		17	No Label				paveWireRedWhite							2
		18	No Label				paveWireBlue							1
		19	#19 2-56x0.188 SS SBHCS				SBHCSCREW 0.086-56x0.188-HX-N							2
		20	No Label				paveWireCounterElec							1
		21	#21 0-80x0.125 SS SBHCS	F			SBHCSCREW 0.06-80x0.125-HX-N				McMaster-Carr	92949A050		1
		22	#22 Solder Lug				solderLug							1
		23	#23 O-Ring Install Tools				ORingInstallTool_005							1
		24	#24 Port Adapter	H			portAdapterV3				MBARI	NA	100221685	1
		25	#25 Pavetech Penetrator	F			PaveTechPenetrator				Pave Technology	5535		2
		25.1	No Label	G			PaveTechPenetrator				Pave Technology	NA (part of 5535)		1
		25.2	No Lable	F			ORingViton-10				Pave Technology	NA (part of 5535)		1
		26	#26 Split LW, #4 Ti	F			Regular LW 0.112 Titanium				United Titanium	1-01-322-00.00		4
		27	#27 Threaded Insert, Brass 0-80x0.125				92395A109_Brass Screw-to-Expand Inserts (6)				McMaster-Carr			1
		28	#28 Threaded Insert Tools				91049A103_Installation Tool for 0-80 Thread Size Helical Insert without Prong				McMaster-Carr			1
		29	#29 4-40x0.375 Ti SHCS				95435A350_Titanium Socket Head Screw				McMaster-Carr			4
		30	#30 Pave Pusher				PavePusher							1
		31	No Lable				4882K11_Thick-Wall Dark Gray PVC Pipe Nipple for Water				McMaster-Carr			1
		32	#32 Helicoil no prong, 0-80X0.06 SS				91990A501_18-8 Stainless Steel Helical Inserts without Prong (2)				McMaster-Carr			2

		33	#33 Helicoil no prong, 2-56x0.129 SS				91990A204_18-8 Stainless Steel Helical Inserts without Prong				McMaster-Carr			1
		34	#34 PB Tube Plug				TubePlug5_64							1
		35	#35 Helicoil Hose Clamp				HoseClamp9332A244				McMaster-Carr			2
		36	#36 Flow Hood, Lionix	G			flowHoodPBLionix							1
		37	#37 O-Ring, 2-015 Buna				4679T125_Oil-Resistant Mil. Spec. Buna-N O-Ring				McMaster-Carr			1
		38	#38 O-Ring, 2-108 Buna				5018T533_Oil-Resistant Mil. Spec. Buna-N O-Ring				McMaster-Carr			1
		39	#39 O-Ring, ?				5288T163_Oil-Resistant Buna-N Backup Rings				McMaster-Carr			1
		40	#40 Port Adapter	H			portAdapter				MBARI	NA	100221685	1
		41	#41 Pave Spacer				PaveSpacer							1
		42	No Label	B			PBTubeBarb90							1
		43	#43 O-Ring 2-017 Buna				4679T127_Oil-Resistant Mil. Spec. Buna-N O-Ring				McMaster-Carr			1
		44	#44 O-Ring, 3-906 Viton				9752K116_Chemical-Resistant Viton Fluoroelastomer O-Rings (1)				McMaster-Carr			1