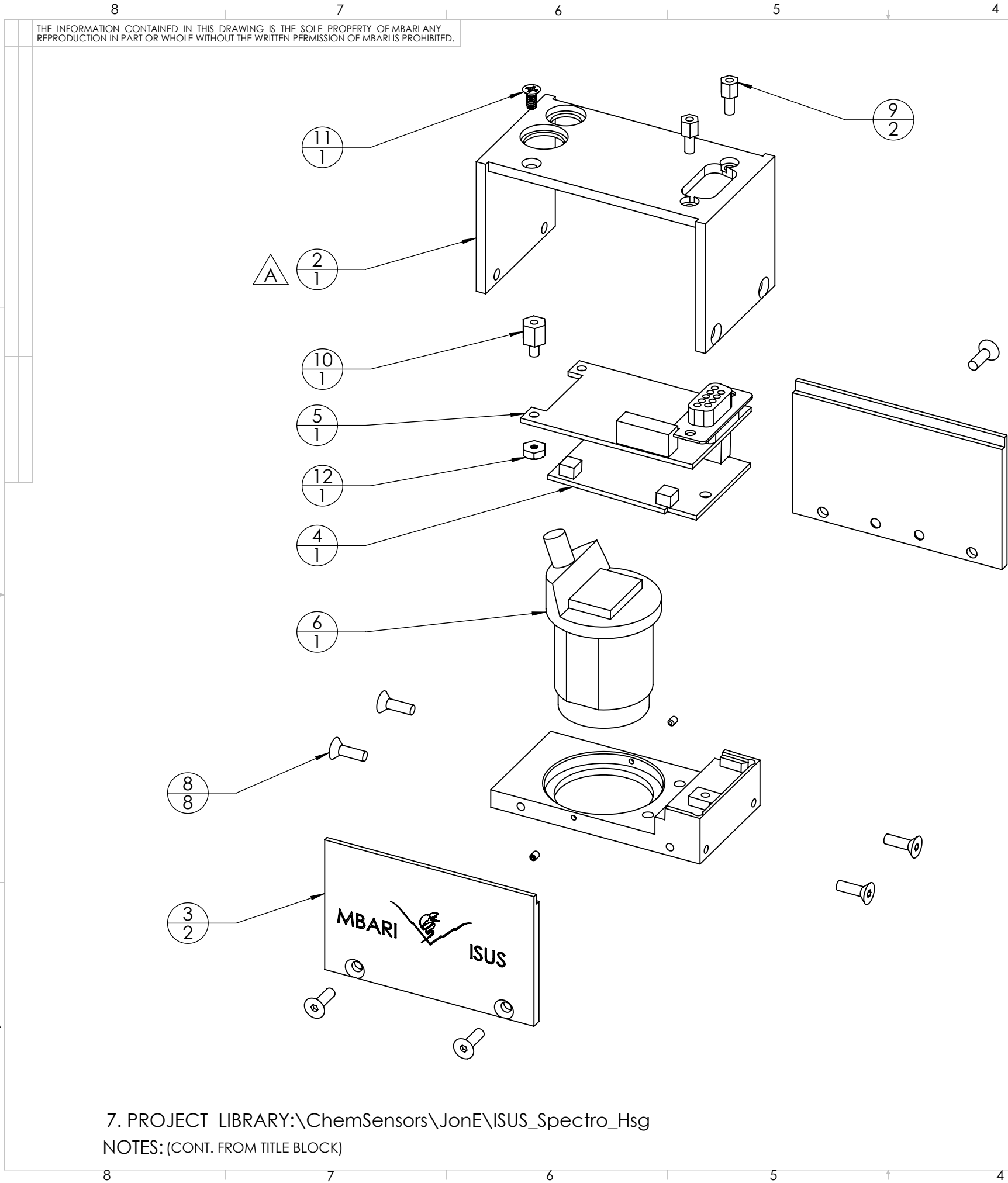
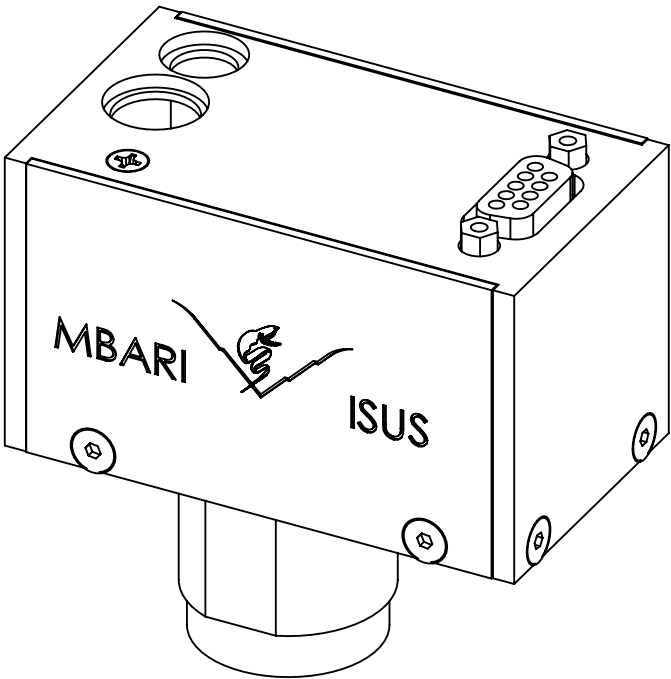




REVISIONS				
INITIAL RELEASE			X/XX/01	J.E.
REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
D7	A	REVISION CHG ON PART #2	10/16/2014	J.E.



12	1	90257A005	#4-40 Nut		McMaster-Carr	316 SS
11	1	91500A122	#4-40 UNC -2A FltHd Screw		McMaster-Carr	316 SS
10	1	8714K-ND	#4_Stand Off x 1/4 L		Keystone Corp.	6061-T6 Aluminum
9	2	#7228	#4-40 Standard Jack Screw		Keystone	Steel
8	8	92125A128	FLT HD SOC SCREW M3x8		McMASTER-CARR	
7	2	M2x0.4 x 2mm	Hex Sckt Cup Pt. Set Screw			
6	1		Zeiss Spectrometer		Zeiss	
5	1		A-D Board Assembly V2		SpectronicDevices.com	
4	1		ZeissAnalog		SpectronicDevices.com	
3	2	P-200780-09	ISUS Spectrometer Side Plate	B	MBARI	Aluminum 6061-T6
2	1	P-200778-14	ISUS Spectrometer Case Conn End V3		MBARI	6063-T52
1	1	P-200779-09	ISUS Spectrometer Base	A	ZEISS	Aluminum 6061-T6
ITEM NO.	QTY.	Part_Number	DESCRIPTION	Revision	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		9/30/09		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 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		9/30/09				
Engineer						CHECKED							
						PROJECT NO.		900917					
						PROJECT		CHEMICAL SENSORS					
NEXT ASSY Description	NEXT ASSY Number									ISUS - APEX FLOAT ISUS Spectrometer Assem. V2			
Application		DO NOT SCALE DRAWING				WEIGHT		- none -		SIZE B	DWG. NO.	REV. A	
										SCALE 1:1	CAD FILE: MECH ENG ON TORNADO	SHEET 1	OF 1