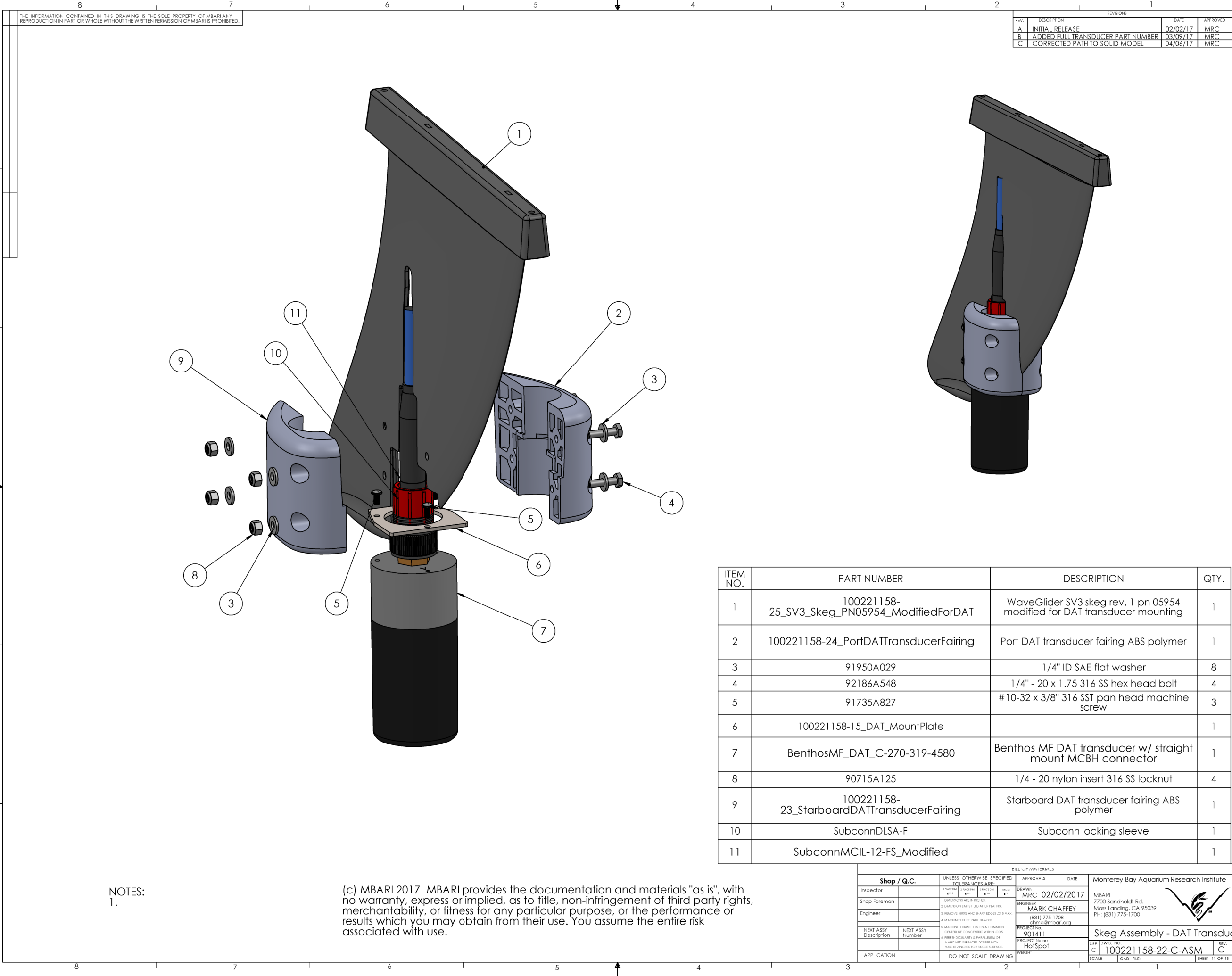




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REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	02/02/17	MRC
B	ADDED FULL TRANSDUCER PART NUMBER	03/09/17	MRC
C	CORRECTED PATH TO SOLID MODEL	04/06/17	MRC

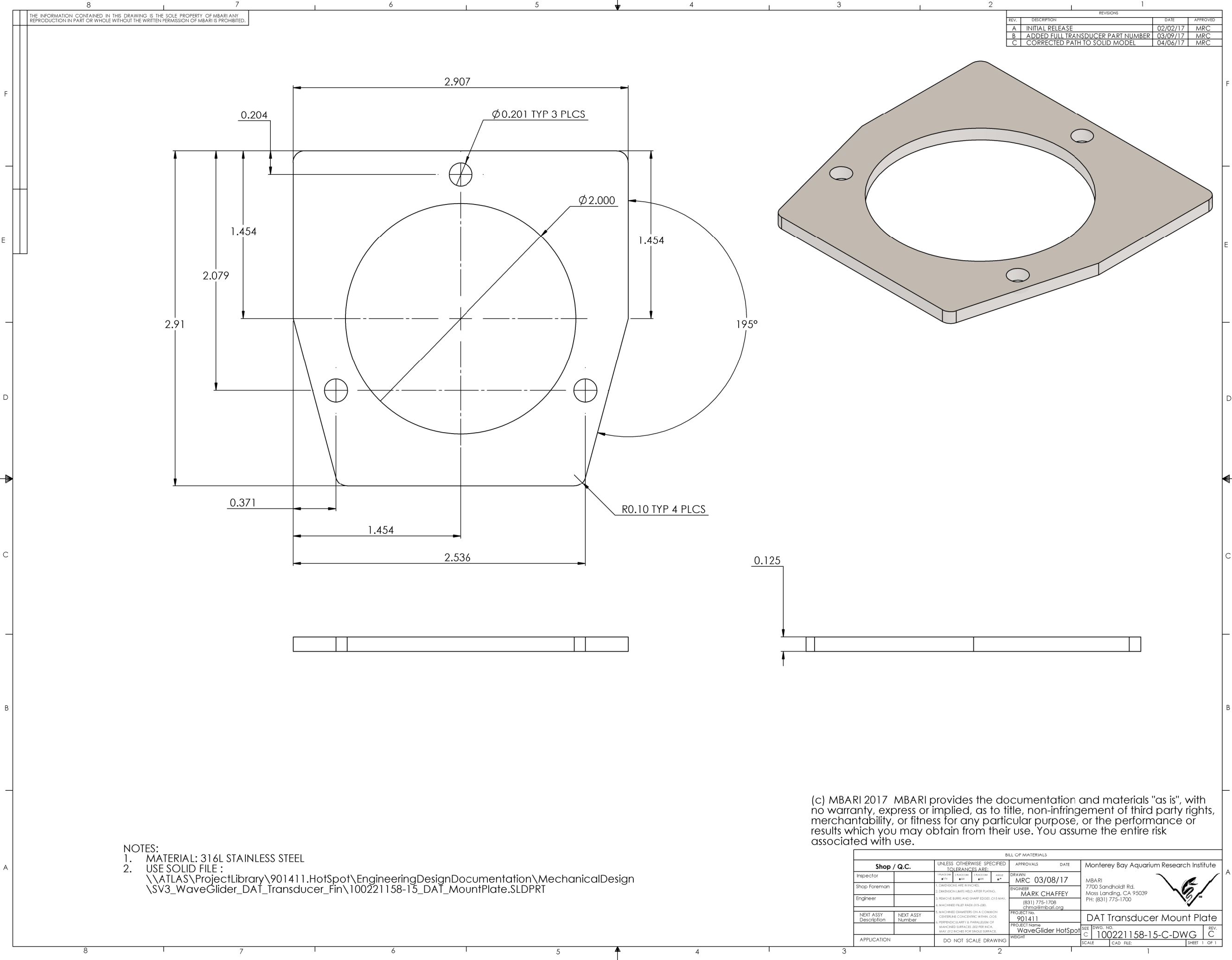
03/09/17 MRC

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	100221158-25_SV3_Skeg_PN05954_ModifiedForDAT	WaveGlider SV3 skeg rev. 1 pn 05954 modified for DAT transducer mounting	1
2	100221158-24_PortDATTransducerFairing	Port DAT transducer fairing ABS polymer	1
3	91950A029	1/4" ID SAE flat washer	8
4	92186A548	1/4" - 20 x 1.75 316 SS hex head bolt	4
5	91735A827	#10-32 x 3/8" 316 SST pan head machine screw	3
6	100221158-15_DAT_MountPlate		1
7	BenthosMF_DAT_C-270-319-4580	Benthos MF DAT transducer w/ straight mount MCBH connector	1
8	90715A125	1/4 - 20 nylon insert 316 SS locknut	4
9	100221158-23_StarboardDATTransducerFairing	Starboard DAT transducer fairing ABS polymer	1
10	SubconnDLSA-F	Subconn locking sleeve	1
11	SubconnMCIL-12-FS_Modified		1

NOTES:
1.

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Shop / Q.C.		UNLESS OTHERWISE SPECIFIED		APPROVALS		DATE		Monterey Bay Aquarium Research Institute	
Inspector		TOLERANCES ARE:		Drawn	MRC	02/02/2017		MBARI	
Shop Foreman		FRACTIONAL DECIMALS ANGLES		Engineer	MARK CHAFFEY			7700 Sandholdt Rd.	
Engineer		DIMENSIONS ARE IN INCHES			(831) 775-1708			Moss Landing, CA 95039	
		DIMENSIONS UNLESS OTHERWISE SPECIFIED			chm@mba.org			Ph: (831) 775-1700	
NEXT ASSY Description	NEXT ASSY Number	5. MACHINED DIAMETERS ON A COMMON CENTERLINE CONCERNING WITH GD&S		PROJECT No.	901411			Skeg Assembly - DAT Transducer	
		6. REFERENCED SURFACES ARE PARALLELISM OF MACHINED SURFACES AND PER INCH.		PROJECT Name	HotSpot			SIZE DWG. NO.	
		MAX. 0.010 INCHES FOR SINGLE SURFACE.		WEIGHT				C 100221158-22-C-ASM	REV. C
APPLICATION		DO NOT SCALE DRAWING						SCALE	
								CAD FILE	
								SHEET 11 OF 15	

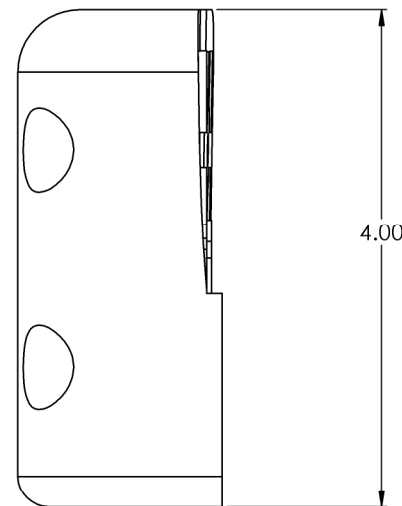
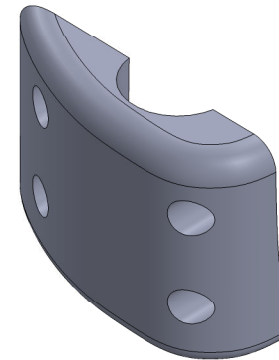


NOTES:
1. MATERIAL: 316L STAINLESS STEEL
2. USE SOLID FILE :
\\ATLAS\ProjectLibrary\901411.HotSpot\EngineeringDesignDocumentation\MechanicalDesign
\SV3_WaveGlider_DAT_Transducer_Fin\100221158-15_DAT_MountPlate.SLDPRT

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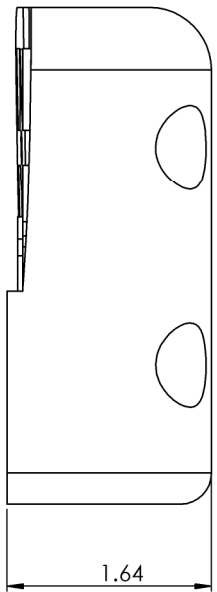
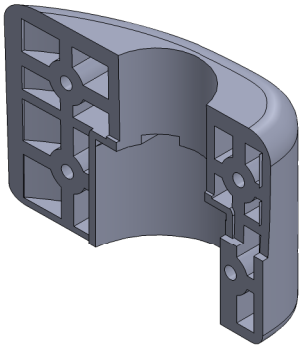
Shop / Q.C.				UNLESS OTHERWISE SPECIFIED				TOLERANCES ARE				APPROVALS				DATE				Monterey Bay Aquarium Research Institute			
Inspector				1. FRACTIONAL	2. DECIMAL	3. ANGLES	4. HOLE	5. HOLE	6. HOLE	7. HOLE	8. HOLE	DRAWN				MRC	03/08/17			MBARI			
Shop Foreman				1. DIMENSIONAL PRECISION	2. DIMENSIONAL PRECISION	3. DIMENSIONAL PRECISION	4. DIMENSIONAL PRECISION	5. DIMENSIONAL PRECISION	6. DIMENSIONAL PRECISION	7. DIMENSIONAL PRECISION	8. DIMENSIONAL PRECISION	ENGINEER				MARK CHAFFEY				7700 Sandholdt Rd.			
Engineer				1. REMOVE BURRS AND SHARP EDGES (0.05 MAX.)	2. REMOVE BURRS AND SHARP EDGES (0.05 MAX.)	3. REMOVE BURRS AND SHARP EDGES (0.05 MAX.)	4. REMOVE BURRS AND SHARP EDGES (0.05 MAX.)	5. REMOVE BURRS AND SHARP EDGES (0.05 MAX.)	6. REMOVE BURRS AND SHARP EDGES (0.05 MAX.)	7. REMOVE BURRS AND SHARP EDGES (0.05 MAX.)	8. REMOVE BURRS AND SHARP EDGES (0.05 MAX.)					(831) 775-1708				Moss Landing, CA 95039			
				1. MACHINED SURFACE FINISH (0.15-0.20)	2. MACHINED SURFACE FINISH (0.15-0.20)	3. MACHINED SURFACE FINISH (0.15-0.20)	4. MACHINED SURFACE FINISH (0.15-0.20)	5. MACHINED SURFACE FINISH (0.15-0.20)	6. MACHINED SURFACE FINISH (0.15-0.20)	7. MACHINED SURFACE FINISH (0.15-0.20)	8. MACHINED SURFACE FINISH (0.15-0.20)					chm@mbaui.org							
NEXT ASSY Description				1. MACHINED DIAMETERS ON A COMMON CENTERLINE CONCERNING WITH ODS	2. MACHINED DIAMETERS ON A COMMON CENTERLINE CONCERNING WITH ODS	3. MACHINED DIAMETERS ON A COMMON CENTERLINE CONCERNING WITH ODS	4. MACHINED DIAMETERS ON A COMMON CENTERLINE CONCERNING WITH ODS	5. MACHINED DIAMETERS ON A COMMON CENTERLINE CONCERNING WITH ODS	6. MACHINED DIAMETERS ON A COMMON CENTERLINE CONCERNING WITH ODS	7. MACHINED DIAMETERS ON A COMMON CENTERLINE CONCERNING WITH ODS	8. MACHINED DIAMETERS ON A COMMON CENTERLINE CONCERNING WITH ODS	PROJECT No.				901411							
				1. PERPENDICULARITY & PARALLELISM OF MACHINED SURFACES (0.005 PER INCH, MAX.)	2. PERPENDICULARITY & PARALLELISM OF MACHINED SURFACES (0.005 PER INCH, MAX.)	3. PERPENDICULARITY & PARALLELISM OF MACHINED SURFACES (0.005 PER INCH, MAX.)	4. PERPENDICULARITY & PARALLELISM OF MACHINED SURFACES (0.005 PER INCH, MAX.)	5. PERPENDICULARITY & PARALLELISM OF MACHINED SURFACES (0.005 PER INCH, MAX.)	6. PERPENDICULARITY & PARALLELISM OF MACHINED SURFACES (0.005 PER INCH, MAX.)	7. PERPENDICULARITY & PARALLELISM OF MACHINED SURFACES (0.005 PER INCH, MAX.)	8. PERPENDICULARITY & PARALLELISM OF MACHINED SURFACES (0.005 PER INCH, MAX.)	PROJECT Name				WaveGlider HotSpot							
APPLICATION				DO NOT SCALE DRAWING								WEIGHT								SCALE			

F	
E	



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1. 3D PRINT IN ABS POLYMER USING 0.010 INCH PRINT RESOLUTION.
2. USE SOLID FILE :
\\ATLAS\ProjectLibrary\901411.HotSpot\EngineeringDesignDocumentation\MechanicalDesign\SV3_WaveGlider_DAT_Transducer_Fin\100221158-24_PortDATTransducerFairing.SLDPRT

BILL OF MATERIALS											
Shop / Q.C.		UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:				APPROVALS		DATE		Monterey Bay Aquarium Research Institute	
Inspector		FINISHES: (MILL) (TURN) (BRO) (POL) (HPS) (HPS) (HPS) (HPS)				DRAWN MRC 02/08/2017		MBAR			
Shop Foreman		1. DIMENSIONS ARE IN INCHES. 2. DIMENSIONS ARE HIDDEN AFTER FINISHING.				ENGINEER MARK CHAFFEY		7700 Sandholdt Rd. Moss Landing, CA 95039		PH: (831) 775-1700	
Engineer		3. REACTIVE BURRS AND SHARP EDGES: D15 MAX. 4. MACHINED FLAT SURF 20.0/250.				(831) 775-1708 chmairmbai.org					
NEXT ASSY Description	NEXT ASSY Number	5. MACHINED DIMENSIONS ON A COMMON CENTERLINE CONCERNING WITHIN 0.005 (PERFECTED QUALITY) 1 PARALLEL (IF MACHINED SURFACE) 0.02 PER INCH. MAX. 0.02 PER INCH (SINGLE SURFACE).				PROJECT No 901411		DATE TRANSDUCER PORT FAIRING			
						PROJECT Name WaveGlider HotSpot		SIZE DWG. No. C 100221158-24-C-DWG		REV. C	
APPLICATION		DO NOT SCALE DRAWING				WEIGHT		SCALE CAD FILE:		SHEET 1 OF	

