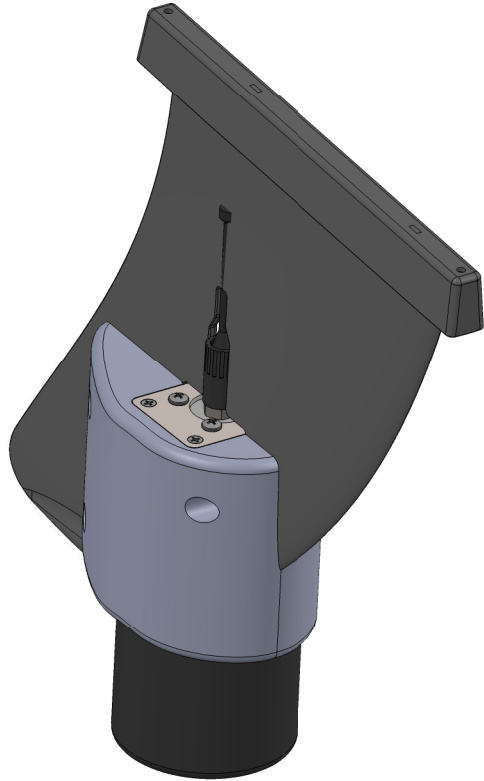
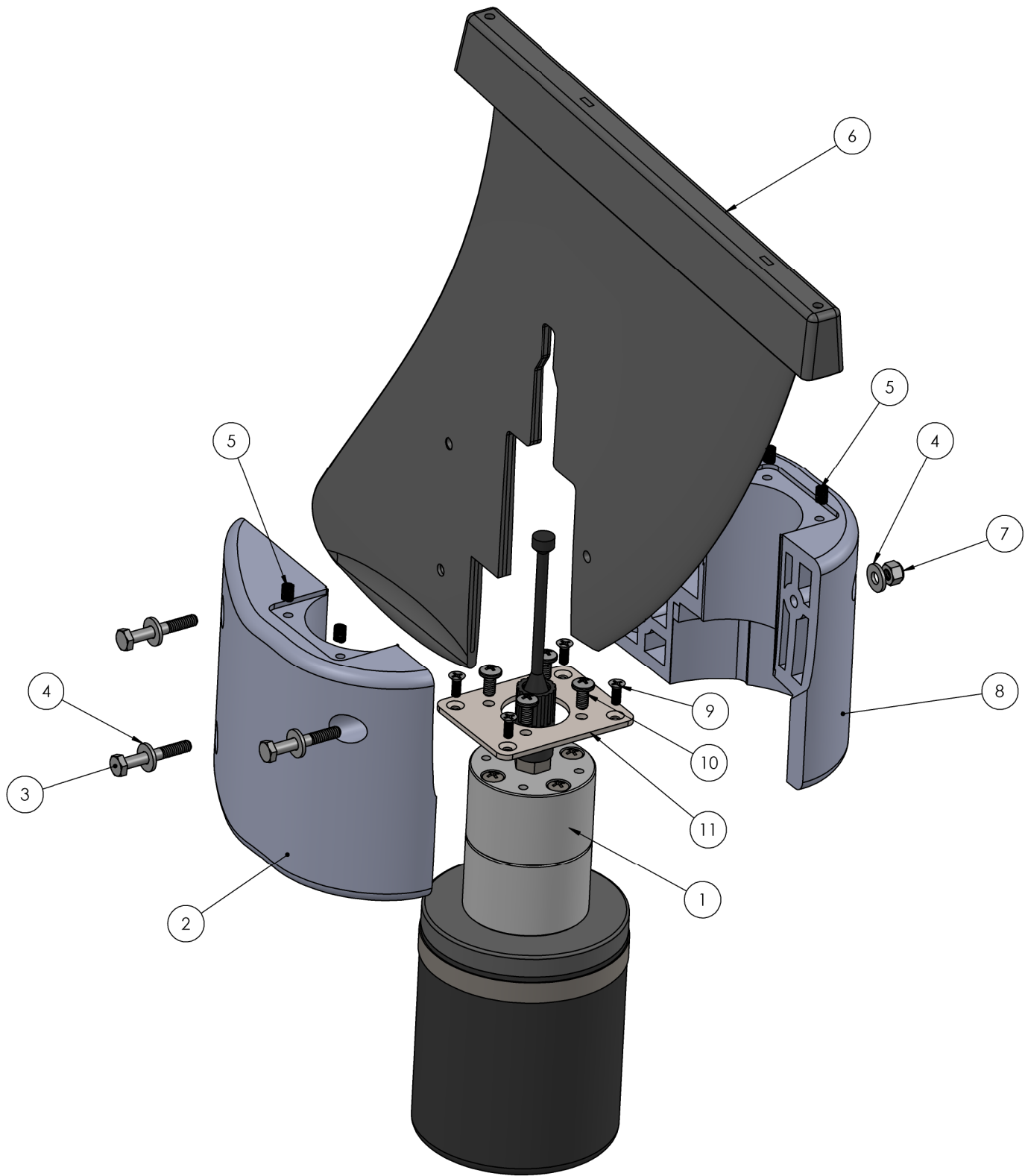


REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	XX/XX/XX	MRC

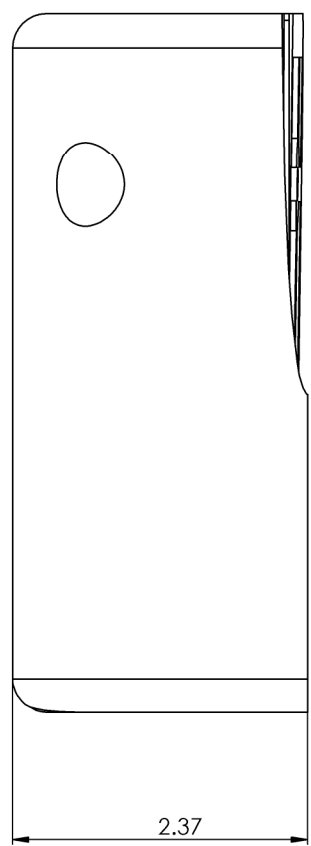
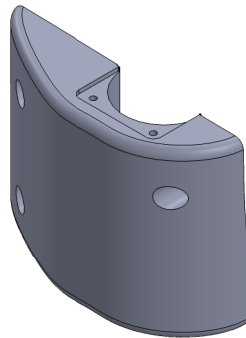


NOTES:
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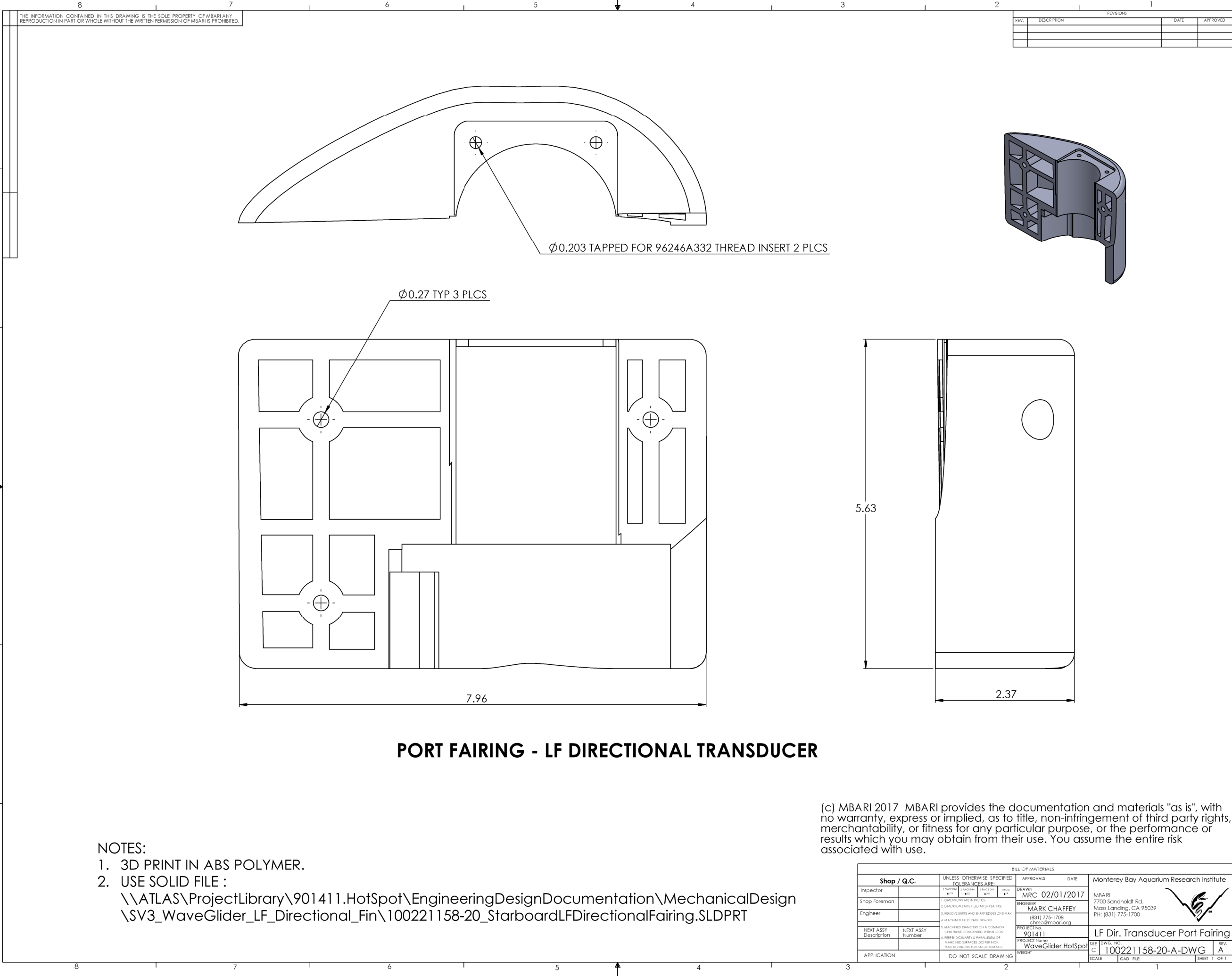
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	LF_DirectionalModem_BlockConfiguration	LF directional modem in the "on blocks" configuration.	1
2	100221158-19_StarboardLFDirecti onalFairing	Starboard LF directional transducer fairing ABS polymer	1
3	92186A548	1/4" - 20 x 1.75 316 SS hex head bolt	3
4	91950A029	1/4" ID SAE flat washer	6
5	96246A332	Helical insert SST for #10-32 screw	4
6	100221158-21_SV3_Skeg_PN05954_ModifiedLFDirecti onal	WaveGlider SV3 Rev. 1 skeg PN 05954 modified for LF directional transducer mounting	1
7	90715A125	1/4 - 20 nylon insert 316 SS locknut	3
8	100221158-20_PortLFDirectionalFairing	Port LF directional transducer fairing ABS polymer	1
9	91500A829	#10 - 32 x 1/2" 316SS flat head machine screw	4
10	91735A537	1/4 - 20 x 1/2" 316 SS pan head machine screw	4
11	100221158-16_LFDirectionalMount Plate	Mounting plate for the LF directional hydrophone.	1

Shop / Q.C.		UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:		APPROVALS		DATE		Monterey Bay Aquarium Research Institute	
Inspector		FRACTIONAL	DECIMAL	DRAWN	MRC	02/01/2017		MBARI	
Shop Foreman		±.125	±.001	ENGINEER	MARK CHAFFEY			7700 Sandholdt Rd.	
Engineer		±.005	±.0001		(831) 775-1708			Mass Landing, CA 95039	
		±.001	±.00001		chm@mbat.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	PROJECT Name		LF Dir. Transducer Skeg Assem.	
		6. DIMENSIONAL LIMITS HELD AFTER PLATING.		PROJECT Name	WaveGlider HotSpot	DWG. NO.		100221158-18-A-ASM	
		7. REMOVE BURRS AND SHARP EDGES (.015 MAX.)		WEIGHT		SCALE		11 OF 14	
		8. MACHINED RADIUS R20.5-200.				CAD FILE			
		9. MACHINED SURFACES 200 PER INCH.				SHEET			
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BILL OF MATERIALS									
Shop / Q.C.		UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:				APPROVALS DATE		Monterey Bay Aquarium Research Institute	
Inspector		FINISH ±.005	FACE ±.005	EDGE ±.005	WELD ±.005	DRAWN	MRC 02/01/2017	MBA RI	
Shop Foreman		1. DIMENSIONS ARE IN INCHES.				ENGINEER	MARK CHAFFEY	7700 Sandhollow Rd.	
Engineer		2. DIMENSION LIMITS HELD AFTER PLATING.					(831) 775-1708	Mass Landing, CA 95039	
		3. REMOVE BURRS AND SHARP EDGES TO .03 MAX.					chm@mba.ri.org	PH: (831) 775-1700	
NEXT ASSY Description		NEXT ASSY Number		PROJECT Name		DW. DIR. STARBOARD FAIRING			
				901411		PROJECT Name			
				1. MACHINED DIMETERS ON A COMMON CENTERLINE CONCERNING WELD JOGS		SIZE		LF, NO.	
				2. REPERFORATE WITH 1/8" DIA DRILL		WaveGlider HotSpot		100221158-19-A-DWG	
				3. REPERFORATE WITH 1/8" DIA DRILL		WEIGHT		SCALE CAD FILE	
				4. REPERFORATE WITH 1/8" DIA DRILL				SHEET 1	
				5. REPERFORATE WITH 1/8" DIA DRILL				OF 1	
APPLICATION		DO NOT SCALE DRAWING							



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NOTES:
1. 3D PRINT IN ABS POLYMER.
2. USE SOLID FILE :
\\ATLAS\ProjectLibrary\901411.HotSpot\EngineeringDesignDocumentation\MechanicalDesign
\SV3_WaveGlider_LF_Directional_Fin\100221158-20_StarboardLFDirectionalFairing.SLDPRT

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Shop / Q.C.				UNLESS OTHERWISE SPECIFIED				TOLERANCES ARE				APPROVALS				DATE				Monterey Bay Aquarium Research Institute			
Inspector				1. FRACTION	2. DECIMAL	3. ANGLES	4. HOLE	5. HOLE	6. HOLE	7. HOLE	8. HOLE	DRAWN				MRC	02/01/2017			MBARI			
Shop Foreman				1. DIMENSIONAL	2. DIMENSIONAL	3. DIMENSIONAL	4. DIMENSIONAL	5. DIMENSIONAL	6. DIMENSIONAL	7. DIMENSIONAL	8. DIMENSIONAL	ENGINEER				MARK CHAFFEY				7700 Sandholdt Rd.			
Engineer				1. DIMENSIONAL	2. DIMENSIONAL	3. DIMENSIONAL	4. DIMENSIONAL	5. DIMENSIONAL	6. DIMENSIONAL	7. DIMENSIONAL	8. DIMENSIONAL					(831) 775-1708				Mass Landing, CA 95039			
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NEXT ASSY Description				1. DIMENSIONAL	2. DIMENSIONAL	3. DIMENSIONAL	4. DIMENSIONAL	5. DIMENSIONAL	6. DIMENSIONAL	7. DIMENSIONAL	8. DIMENSIONAL	PROJECT No.				901411				LF Dir. Transducer Port Fairing			
NEXT ASSY Number				1. DIMENSIONAL	2. DIMENSIONAL	3. DIMENSIONAL	4. DIMENSIONAL	5. DIMENSIONAL	6. DIMENSIONAL	7. DIMENSIONAL	8. DIMENSIONAL	PROJECT Name				WaveGlider HotSpot				DWG. NO.			
APPLICATION				1. DIMENSIONAL	2. DIMENSIONAL	3. DIMENSIONAL	4. DIMENSIONAL	5. DIMENSIONAL	6. DIMENSIONAL	7. DIMENSIONAL	8. DIMENSIONAL	WEIGHT								C	100221158-20-A-DWG	REV.	A
				1. DIMENSIONAL	2. DIMENSIONAL	3. DIMENSIONAL	4. DIMENSIONAL	5. DIMENSIONAL	6. DIMENSIONAL	7. DIMENSIONAL	8. DIMENSIONAL									SCALE		CAD FILE	SHEET 1 OF 1



Shop / Q.C. Inspector Shop Foreman Engineer		UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:		APPROVAL DATE DRAWN MRC 02/02/2017		Monterey Bay Aquarium Research Institute	
		FINISHES: 1/8" 3/16" 1/4"	PROJECT No. 901411		MBARI 7700 Sandhills Rd. Moss Landing, CA 95039 PH: (831) 775-1700		
NEXT ASSY Description NEXT ASSY Number		DIMENSIONS ARE IN INCHES 2. DIMENSIONS UNLESS NOTED PLATING. 3. REMOVE BURRS AND SHARP EDGES 0.05 MAX. 4. MACHINED FLAT RACE 0.015-0.030.		ENGINEER MARK CHAFFEY (831) 775-1708 mchaff@mbari.org		SVS KEG Mods for LF Dir.	
APPLICATION		PERCHILLER DIMENSION ON A C-3000 C-3000 CHIMING CHIMNEY, INTERIOR JOG FERRITIZED SURFACE A PARALLELISM OF MACHINED SURFACE 0.05 PER WAVE MAX 0.12 INCHES FOR BRIDGE SURFACE.		PROJECT Name WaveGlider HotSpot		SCALE: DWG. NO. REV. A C 100221158-21-A-DWG OF 1	
DO NOT SCALE DRAWING		WEIGHT		SCALE LOAD FILE SHEET OF			