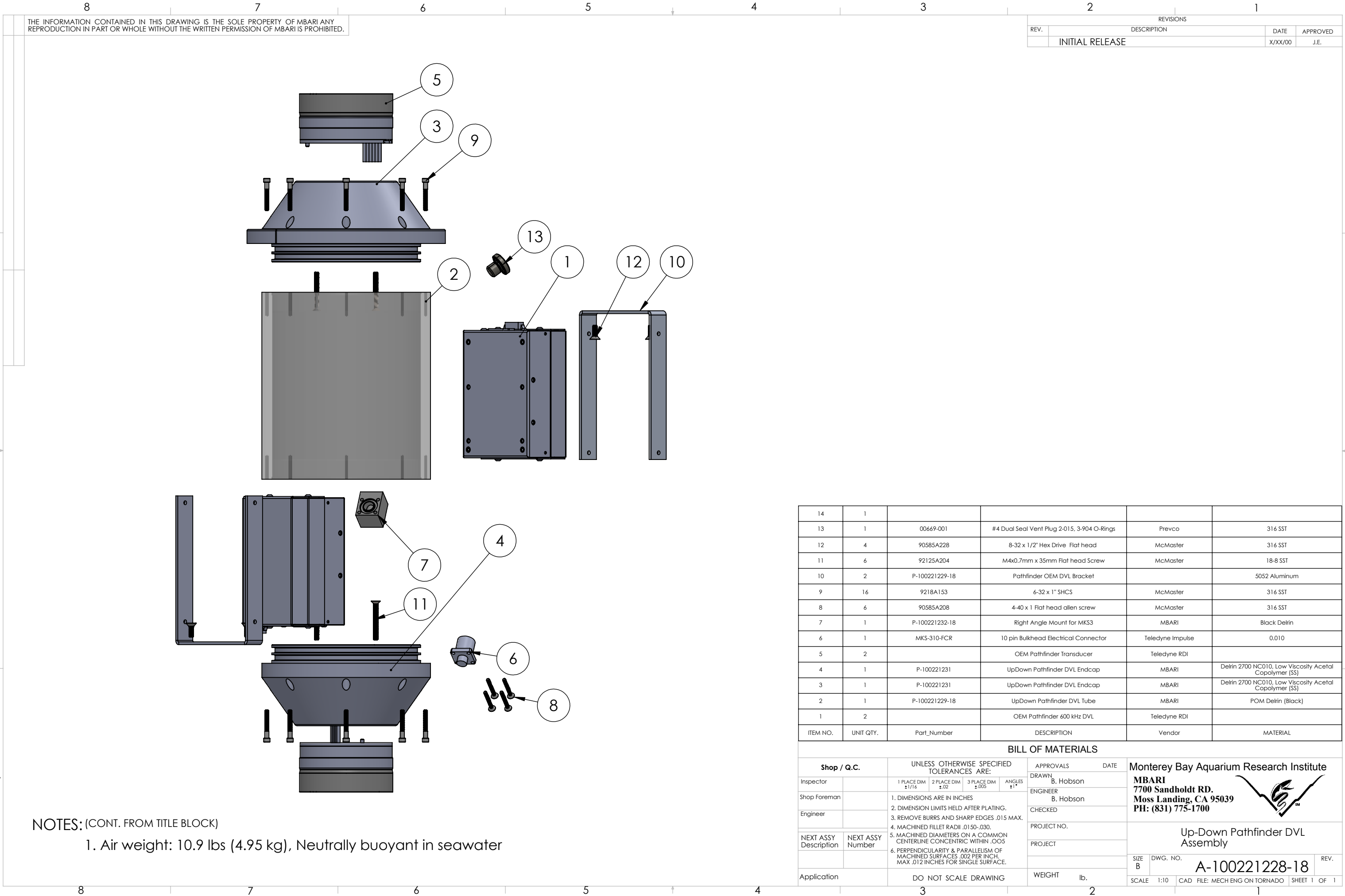




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REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
	INITIAL RELEASE	X/XX/00	J.E.

14	1				
13	1	00669-001	#4 Dual Seal Vent Plug 2-015, 3-904 O-Rings	Prevco	316 SST
12	4	90585A228	8-32 x 1/2" Hex Drive Flat head	McMaster	316 SST
11	6	92125A204	M4x0.7mm x 35mm Flat head Screw	McMaster	18-8 SST
10	2	P-100221229-18	Pathfinder OEM DVL Bracket		5052 Aluminum
9	16	9218A153	6-32 x 1" SHCS	McMaster	316 SST
8	6	90585A208	4-40 x 1 Flat head allen screw	McMaster	316 SST
7	1	P-100221232-18	Right Angle Mount for MKS3	MBARI	Black Delrin
6	1	MKS-310-FCR	10 pin Bulkhead Electrical Connector	Teledyne Impulse	0.010
5	2		OEM Pathfinder Transducer	Teledyne RDI	
4	1	P-100221231	UpDown Pathfinder DVL Endcap	MBARI	Delrin 2700 NC010, Low Viscosity Acetal Copolymer (SS)
3	1	P-100221231	UpDown Pathfinder DVL Endcap	MBARI	Delrin 2700 NC010, Low Viscosity Acetal Copolymer (SS)
2	1	P-100221229-18	UpDown Pathfinder DVL Tube	MBARI	POM Delrin (Black)
1	2		OEM Pathfinder 600 kHz DVL	Teledyne RDI	
ITEM NO.	UNIT QTY.	Part_Number	DESCRIPTION	Vendor	MATERIAL

BILL OF MATERIALS					
Shop / Q.C.		UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:		APPROVALS	DATE
Inspector		1 PLACE DIM ±1/16	2 PLACE DIM ±.02	DRAWN	B. Hobson
Shop Foreman		3 PLACE DIM ±.005	ANGLES ±1°	ENGINEER	B. Hobson
Engineer		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.			
NEXT ASSY Description	NEXT ASSY Number	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.			
Application		DO NOT SCALE DRAWING		PROJECT NO.	
				PROJECT	
				WEIGHT	lb.
				SCALE	1:10
				CAD FILE:	MECH ENG ON TORNADO
				SHEET	1 OF 1

Monterey Bay Aquarium Research Institute

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Moss Landing, CA 95039

PH: (831) 775-1700



Up-Down Pathfinder DVL Assembly

SIZE B

DWG. NO. A-100221228-18

REV.

NOTES: (CONT. FROM TITLE BLOCK)

1. Air weight: 10.9 lbs (4.95 kg), Neutrally buoyant in seawater