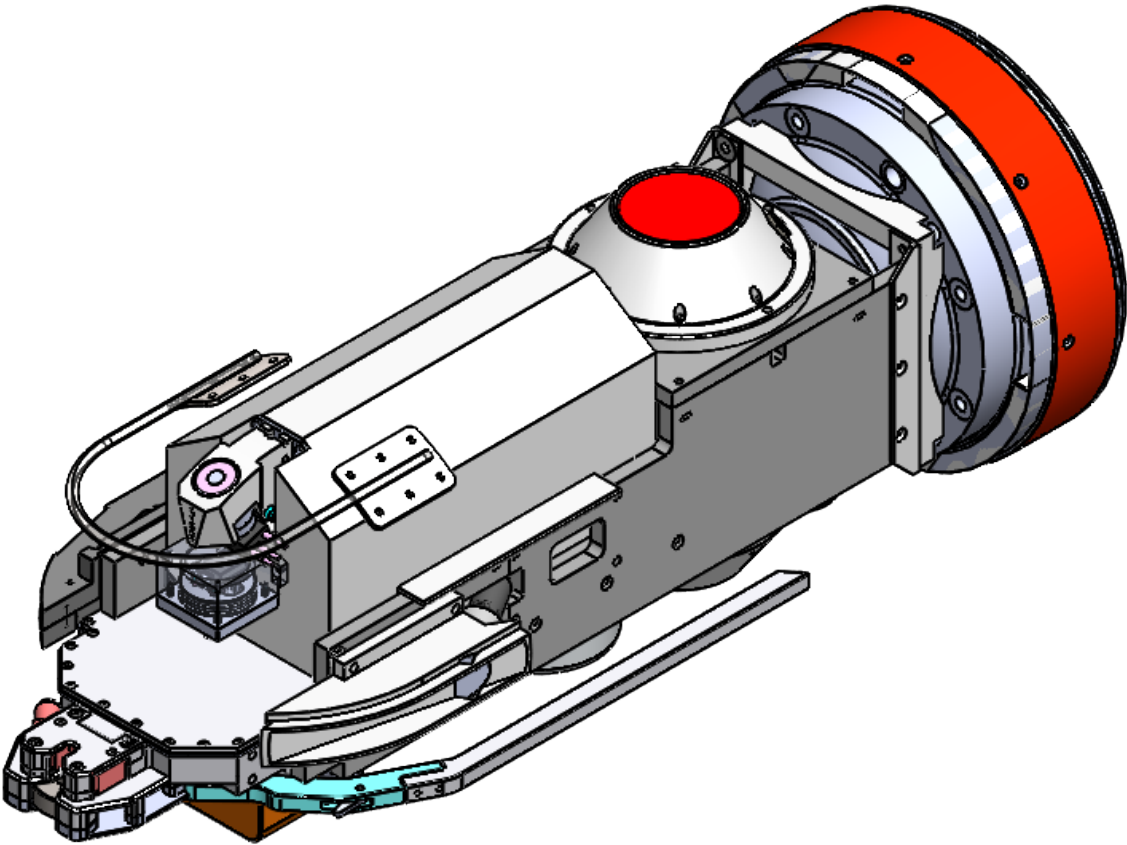


8		7		6		5		4	
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81	16	PCC_C21-003	Bellville spring washer	Product Component Parts	DELRIN				
80	1	4330F	Shallow water / Fast response optode	Aanderaa					
79	1	P-200828-10	D.O./ISUS_FlowSlot_V3	MBARI	BLACK DELRIN (ACETAL)				
78	1		Neil Brown Fin CT sensor (Model 2)	Neil Brwon Sensors Ltd.					
77	1	P-201523-13	CTD FlowSlot_TOP	MBARI	BLACK DELRIN (Acetal)				
76	1	P-201523-13	CTD FlowSlot_BOTTOM	MBARI	BLACK DELRIN (Acetal)				
75	2	P-100221263	Line Capture Nose L-stiffener	MBARI	McMaster 8542K51 Structural Fiberglass				
74	1								
72	2	P-100221263	Line Capture Nose L-stiffener	MBARI	McMaster 8542K51 Structural Fiberglass				
70	1	P-200516-08	Nose Shell	MBARI	Generic Carbon Epoxy				
69	1	P-200514-08	Bonded mount ring - Nose Shell	MBARI	G-10 Fiberglass				
68	1	P-100221271-18	Sea Owl Shim	MBARI	Plastic				
67	1	P-100221254	WHOI LRAUV Transducer Plate	MBARI	Black UHMW				
66	1	P-100221270-18	PAR Adapter Plate	MBARI	Black Delrin				
65	1	P-100221267-18	Whisker Adapter Plate	MBARI	6061-T6 Aluminum				
64	1	100221272	WHOI_DHS LRAUVI Syntactic Foam Loaf	MBARI					
63	1	P-100221269-18	WHOI LRAUV Whisker Extension Port	MBARI	Black UHMW				
62	1	P-100221268-18	Whisker Extension Strb.	MBARI	Black UHMW				
61	1	P-100221274-18	DUSBL Bracket	MBARI	Black UHMW				
60	4	90585A215	#6-32 x 5/8 Flt Soc Hd Screw	McMaster-Carr	AlSI 316				
59	1	1/4 x 5/8L x #10-32	Soc Hd Shldr Screw	McMaster-Carr	AlSI 316				
58	1	92185A992	316 S.S. 10-32 x 1 Soc Hd Cap	McMaster-Carr					
57	1	P-201400-12	PAR Jacking Lever	MBARI	Gr. 2 Titanium				
56	1	LPBH2M	Low Profile 2 Contacts	Subconn					
55	1	PAR-LIN-s		SatLantic					
54	1	P-201873-16	LiCor PAR Jacking Block V4	MBARI	ABS				
53	1	P-201929-17	CANON Modified Bail	MBARI	Commercially Pure CP-Ti UNS R50400 (SS)				
52	2	P-201930-17	CANON Nose Bail Bracket	MBARI	Commercially Pure CP-Ti UNS R50400 (SS)				
51	1	P-200516-08	Intermediate Nose Shell MIVEGA	MBARI	Generic Carbon Epoxy				
50	1	P-200514-17	Bonded mount ring - Nose Shell	MBARI	G-10 Fiberglass				
49	1	P-100221264-18	Line Capture Nose DVL Plate	MBARI	Black UHMW				
48	1	92185A112	#4-40 x 3/4 SocHdCap	McMaster-Carr	316 SS				
47	1	P-200774-09	Puck Clamp Block - lower	MBARI	Black Delrin				
46	1	P-200774-09	Puck Clamp Block - upper/lower	MBARI	Black Delrin				
45	1	P-200743-09	ECO Puck Bracket V8		Black DELRIN (Acetal)				
44	1	P-100221256	WHOI LRAUV Nose Side Port	MBARI	Black UHMW				
43	1	P-100221257	WHOI Nose Side Plate Strb	MBARI	Black UHMW				
42	1	P-200755-09		MBARI	BLACK DELRIN				
40	3	92185A107	#4040 x .312 Soc Hd Cap Screw	McMaster-Carr	AlSI 316				
39	1	LPBH2M	Low Profile 4 Contacts	Subconn					
38	4	90585A205	SaocFltHd #4-40 x 5/8	McMaster-Carr	316 SS				
37	2	#2-032-70-N	O-RING		BUNA - N				
36	1	P-200886-17	Compass Case V4 (Sparton-M2)	MBARI	BLACK DELRIN (ACETAL)				
35	1	P-200885-17	Compass Case End Cap	MBARI	Black DELRIN (ACETAL)				
34	1	-----	Sparton AHRS - M2 PRELIMINARY	Sparton Elec.					
33	1	ULB-350/37	Finger Xducer	RJE Int.					
30	1		MALE 6 PIN 316 20KFSW W-BLOCK						
29	1	MBA #220606 / MBA2 #220604	Eco Puck Fourometer	Wet Labs					
24	2	P-100221229-18	Pathfinder OEM DVL Bracket		5052 Aluminum				
20	1	P-100221232-18	Right Angle Mount for MKS3	MBARI	Black Delrin				
19	2	MKS-310-FCR	10 pin Bulkhead Electrical Connector	Teledyne Impulse	0.010				
18	1	P-100221231	UpDown Pathfinder DVL Endcap	MBARI	34 psu Seawater				
11	1	P-100221231	UpDown Pathfinder DVL Endcap	MBARI	34 psu Seawater				
10	1	P-100221229-18	UpDown Pathfinder DVL Tube	MBARI	POM Delrin (Black)				
3	1		600 4X1 FLAT USBL ARRAY MP 600		Material <not specified>				
1	1	P-200626-08	PressHull_EndDome_FWD	MBARI	6061-T6 Alloy				
ITEM NO.	UNIT QTY.	Part_Number	DESCRIPTION	Vendor	MATERIAL				

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



BILL OF MATERIALS									
Shop / Q.C.		UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:				APPROVALS	DATE	Monterey Bay Aquarium Research Institute MBARI 7700 Sandholdt RD. Moss Landing, CA 95039 PH: (831) 775-1700	
Inspector		1 PLACE DIM ±1/16	2 PLACE DIM ±.02	3 PLACE DIM ±.005	ANGLES ±1°	DRAWN			
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			
Engineer						CHECKED			
NEXT ASSY Description	NEXT ASSY Number					PROJECT NO.			
						PROJECT		LRAUV Line Capture Payload	
Application		DO NOT SCALE DRAWING		WEIGHT		SIZE B	DWG. NO.	A-201885-17	
						SCALE	1:10	CAD FILE: MECH ENG ON TORNADO	SHEET 1 OF 1