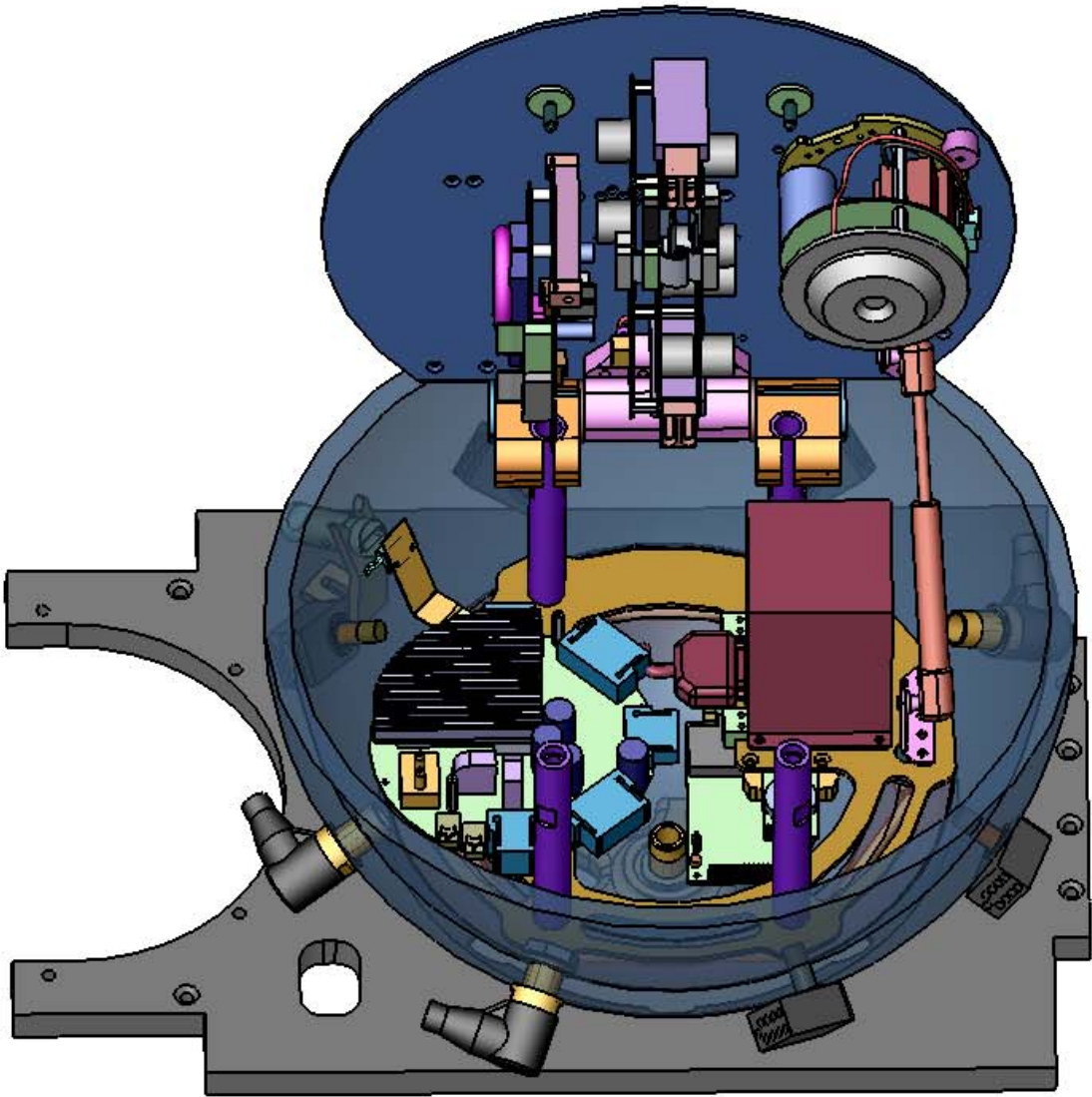
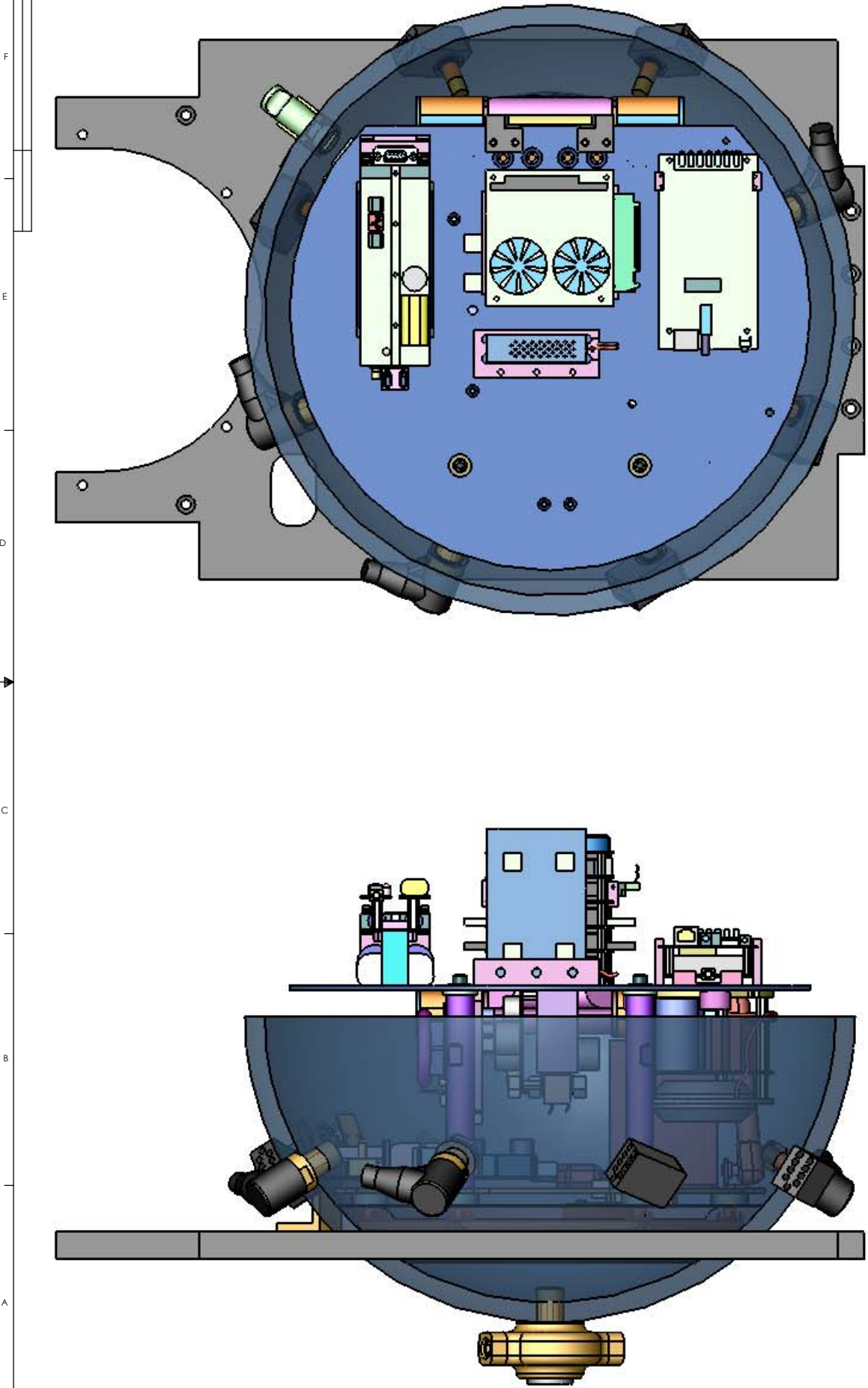


THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF MBARI. ANY REPRODUCTION IN PART OR WHOLE WITHOUT THE WRITTEN PERMISSION OF MBARI IS PROHIBITED.



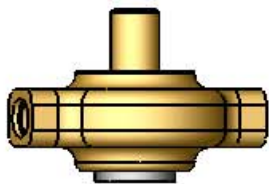
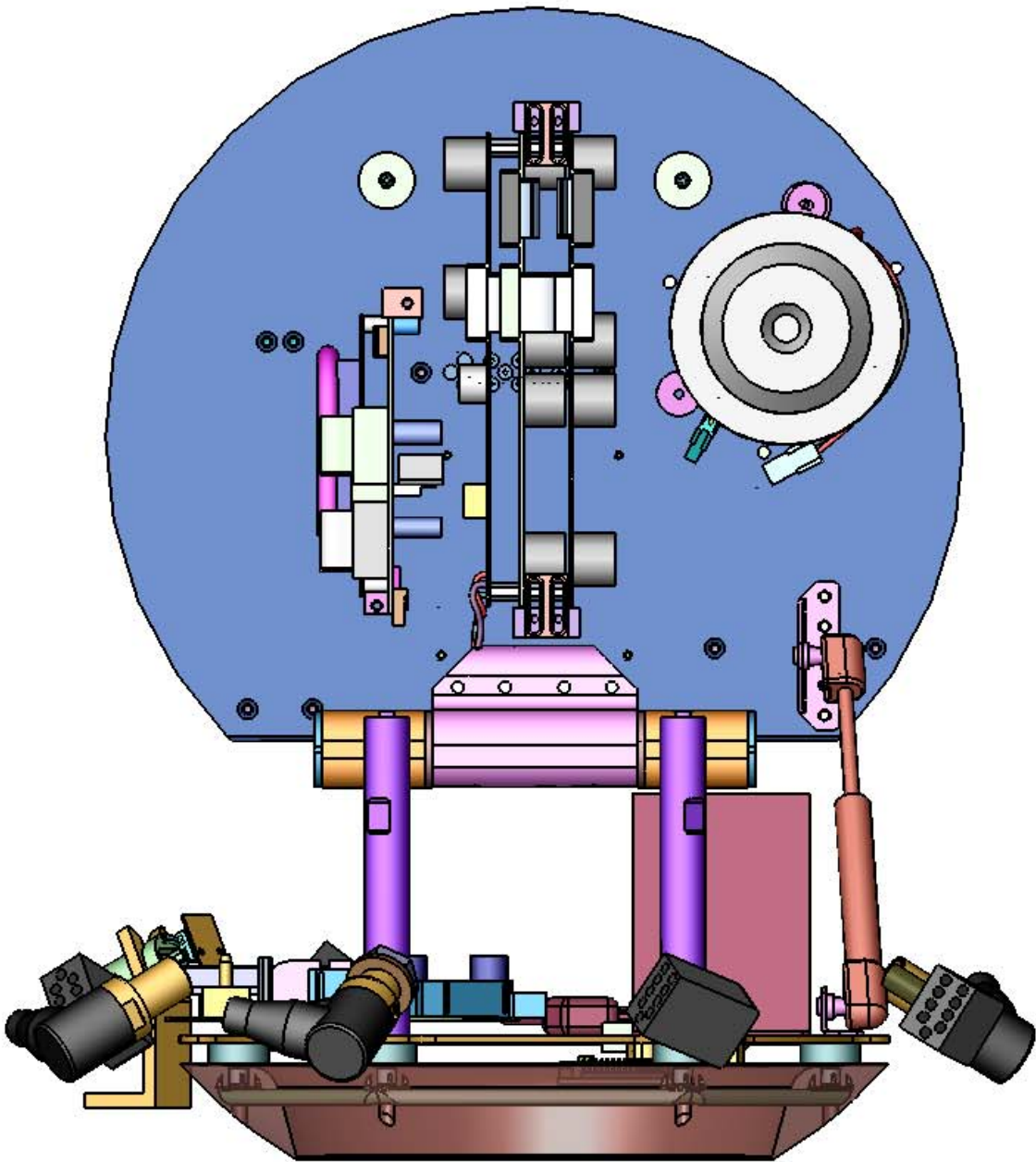
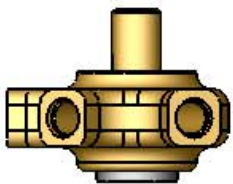
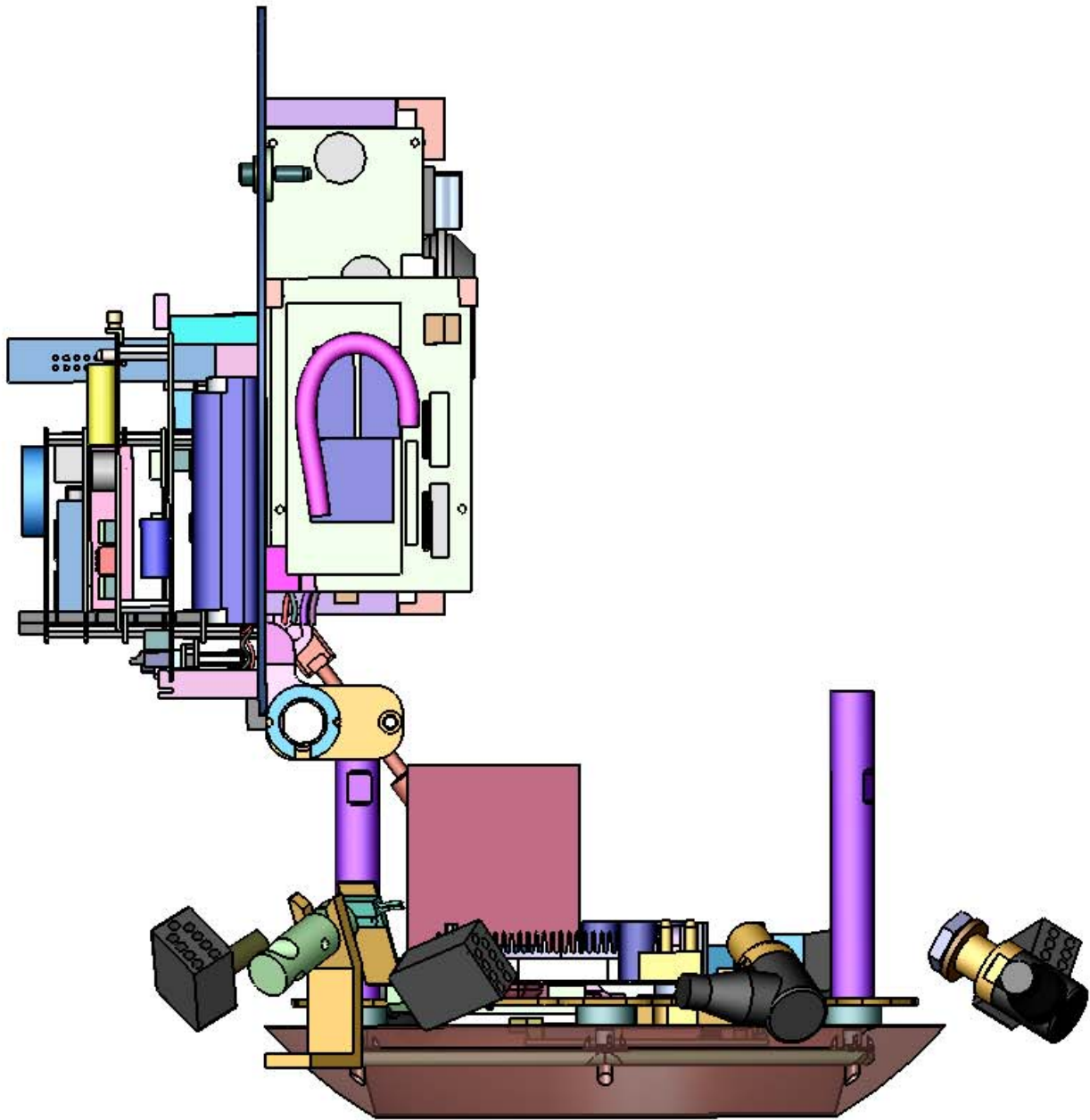
48	1		GGD Hex Plug			
47	1	1001714-Rev.C	GGD Penetrator		6AL-4V Titanium	
46	1		MWR-BCR Nut			
45	1		MWR-BCR Washer			
44	1		MWR Comp Washer			
43	3	MWR-10L-BA-NW	MWR Penetrator			\$746
42	5	LPBH-9-F5	Wet Pluggable Bulkhead			\$113
	4	1001846	Base Riv		316 SS	
	4	25-20 UNC-2B	T-Nut		304 SS	
41	1		Base Support Frame			
40	2		.25-20 x 1.0 Mod.			
39	2		25 in SAE			
38	2	1001850	StandOff Washer		DELBRN	
	1	1001845	Magnet Flange		DELBRN	
	1	1001844	Magnet Stand		DELBRN	
	1	1001843	Endstop SW_Mount_2		Aluminum 6061-T6	
			Endstop Switch			
	1	1001842	Endstop SW_Mount		Aluminum 6061-T6	
37	1		Endstop Switch Assem			
36	1		GPS Battery			
35	1	1001841	GPS_Mount_2		DELBRN	
34	1		GPS_Antenna_DG16			
33	1	1001801	Crossbow_Stop		Aluminum 6061-T6	
32	4	91231A346	Threaded Rod			
31	2	91233A336	.25-20 x 875			
30	1	1001839	Horizontal_Mount_1		DELBRN	
49	1	1001840	Horizontal_Mount_2		DELBRN	
48	1	1001838	Shake_Mount_3		Aluminum 6061-T6	
47	1	1001836	Shake_Mount_1		DELBRN	
46	1	1001837	Shake_Mount_2		DELBRN	
45	1	1001834	10_100BT_Hub_Mount		Aluminum 6061-T6	
44	1		Gas Cylinder			2.36 in. Stroke
43	1		Gas Cylinder			2.36 in. Stroke
42	2	1001833	Modem_Mount_2		DELBRN	
41	1	1001832	Modem_Mount_1		DELBRN	
40	2	1001831	LB_Mount_T2		Aluminum 6061-T6	
39	2	1001830	LB_Mount_T1		DELBRN	
38	3	1001829	LB_Mount_P1		Aluminum 6061-T6	
37	2	1001835	LB_Mount_C3		DELBRN	
36	1	1001828	LB_Mount_C3		DELBRN	
35	1	1001827	LB_Mount_C2		DELBRN	
34	1	1001826	LB_Mount_C1		DELBRN	
33	3	188	StandOff			
32	3	225	StandOff			
31	2		Roll Socket Mount			
30	1	1001825	Hinge_WireRatchet_Rev2_Left		DELBRN	
29	1	1001824	Hinge_WireRatchet_Rev2_Right		DELBRN	
28	1	1001823	Bushing_Collar_Right		DELBRN	
27	1	1001822	Bushing_Collar_Left		DELBRN	
26	1	1001821	Hinge Shaft		Aluminum 6061-T6	
25	2	1001820	Hinge Bushing		Dalbr (ACETAL)	
24	1	1001819	Clamp_Hinge_Rev2_L		6061-T6 Aluminum	
23	1	1001818	Clamp_Hinge_Rev2_R		6061-T6 Aluminum	
22	1	1001817	Hinge Collar		6061-T6 Aluminum	
21	1	1001813	Frame_2		6061-T6 Aluminum	
20	4	1001814	Spacer_Base		DELBRN	
19	2	1001815	StandOff_Rev2D		6061-T6 Aluminum	
18	2	1001814	StandOff_Rev2B		6061-T6 Aluminum	
17	1	1001812	Frame_Rev2		6061-T6 Aluminum	
16	1		Hub 10_100BT			
15	1		CPU Stack			
14	1		Shrobe VHF Board Set			
13	1		Shrobe Battery			
12	1		Freefloats_Modem			
11	1		HardDisk_20Gb			
10	1		AHRS Crossbow			
9	1		LB Transceiver			
8	1		LB Per Amp			
7	1		Modem PWR Dbl			
6	1	10000X	Avoid Headstap (Modified)			
5	1		LB Controller			
4	1		Sphere Tape			Scotch Electrical Pluffy
3	1		Sphere Base			
2	1	2040-17h	17in Glass Ins. Hsg			Vacuum Port 204 PFT
1	1	2040-17h	17in Glass Ins. Hsg			Vacuum Port 204 PFT
ITEM NO.	QTY.	Part Number	DESCRIPTION	VENDOR	MATERIAL	SW Comments

NOTES: (CONT. FROM TITLE BLOCK)

Shop / Q.C.				BILL OF MATERIALS			
Inspector		1. PLACE ON FILE	2. PLACE ON FILE	APPROVALS	DATE	Monterey Bay Aquarium Research Institute 7700 Sandboldt RD. Moss Landing, CA 95039 PH: (831) 775-1700	
Shop Foreman		1. DIMENSIONS ARE IN INCHES	2. DIMENSIONS UNITS HELD AFTER PLATING	ENGINEER	11/29/04		
Engineer		3. REMOVE BURRS AND SHARP EDGES 0.015 MAX.	4. MACHINED FLUET RADII 0.050-0.060	CHECKED	11/29/04		
NEXT ASST Description	NEXT ASST Number	5. MACHINED DIAMETERS ON A CONCENTRIC CENTERLINE CONCENTRIC WITH DGS	6. MACHINED SURFACES 0.005 PER INCH	PROJECT NO.	400024	AUV DOCKING AUV TAILCONE MEH Assembly	
APPLICATION	DO NOT SCALE DRAWING	7. MACHINED SURFACES 0.005 PER INCH	8. MACHINED SURFACES 0.005 PER INCH	PROJECT	Dorinda		
		9. MACHINED SURFACES 0.005 PER INCH	10. MACHINED SURFACES 0.005 PER INCH	SCALE	D		
		11. MACHINED SURFACES 0.005 PER INCH	12. MACHINED SURFACES 0.005 PER INCH				

THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF MBARI. ANY
REPRODUCTION IN PART OR WHOLE WITHOUT THE WRITTEN PERMISSION OF MBARI IS PROHIBITED.

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



NOTES: (CONT. FROM TITLE BLOCK)

BILL OF MATERIALS			
Shop / Q.C.	UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:	APPROVALS	DATE
Inspector	1/16" DIA. ±.001 1/8" DIA. ±.002 3/16" DIA. ±.003 1/2" DIA. ±.005	DRAWN J. ERICKSON	XXXX/XX/XX
Shop Foreman	1. DIMENSIONS ARE IN INCHES 2. DIMENSION LIMITS HELD AFTER PLATING 3. REMOVE BURRS AND SHARP EDGES .015 MAX. 4. MACHINED FILLER RACK .015-.030 5. MACHINED DIAMETERS ON A C-2000 CONCENTRIC CONCENTRIC WITHIN .005 PERPENDICULARITY & PARALLELISM OF MACHINED SURFACES .005 PER INCH MAX .010 INCHES FOR SINGLE SURFACE.	ENGINEER J. ERICKSON	XXXX/XX/XX
Engineer		CHECKED	
NEXT ASST Description	NEXT ASST Number	PROJECT NO.	XXXXXX
		PROJECT	11111111
APPLICATION	DO NOT SCALE DRAWING	WEIGHT	
		SCALE	CAD FILE: MECH ENG ON TORNADO SHEET 1 OF 1

Monterey Bay Aquarium Research Institute

MBARI
7700 Sandholdt RD.
 Moss Landing, CA 95039
 PH: (831) 775-1700

PROJECT NAME
MEH_Assembly

DWG. NO.
100XXXDWG

REV.