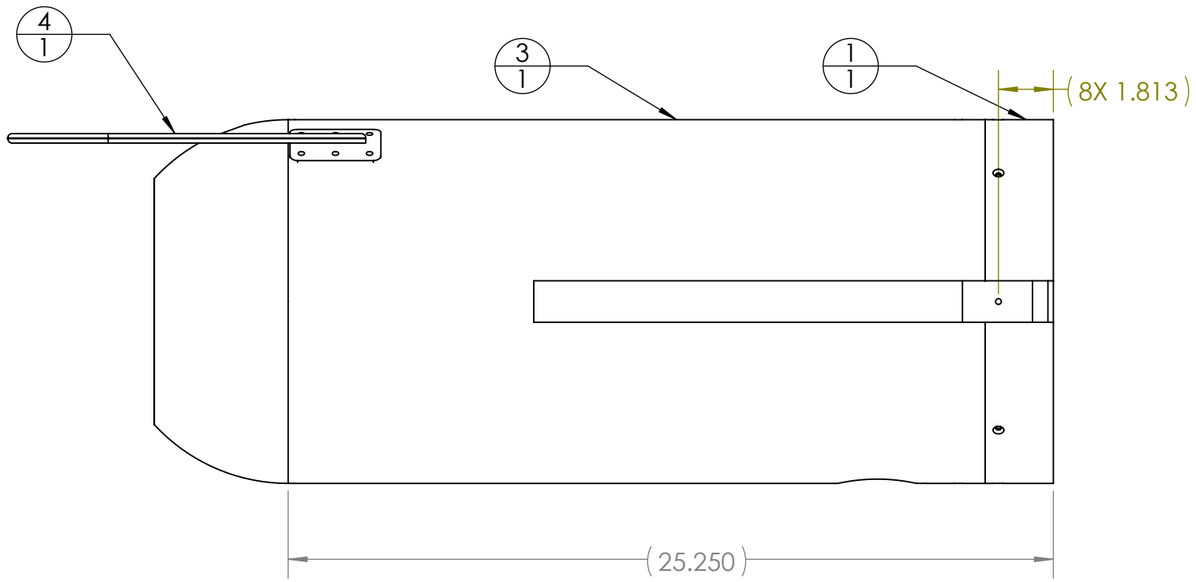
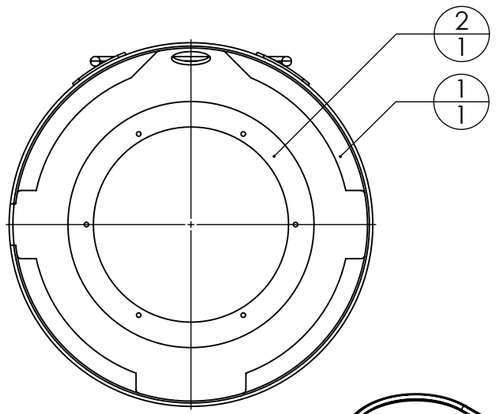
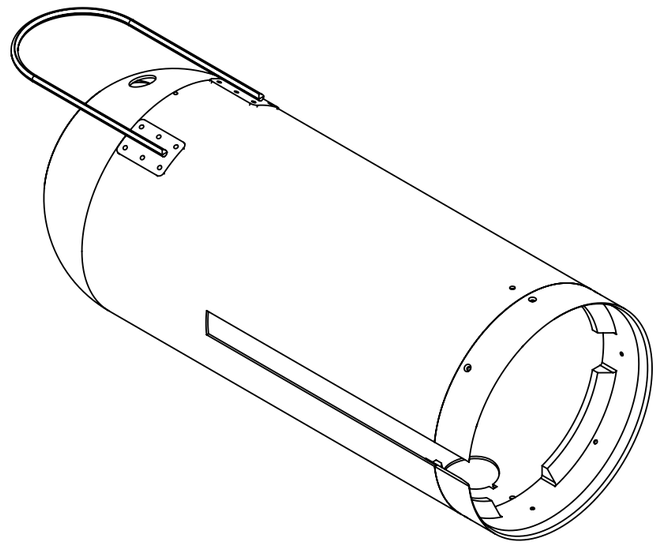
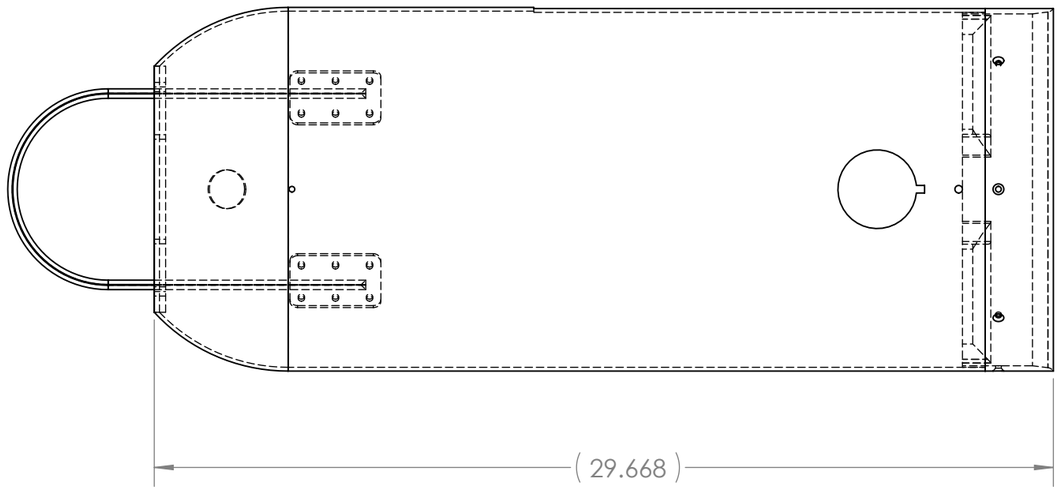
REVISIONS				
INITIAL RELEASE			X/XX/01	J.E.

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A	ADDED SHEET 2 of 2 w/ ALL CUTS	6/14/2010	J.E.









ITEM NO.	QTY.	Part_Number	DESCRIPTION	Revision	Vendor	MATERIAL
4	1	A-201931-17	CANON Mod'd Bail Assem/Weldment		MBARI	
3	1	P-200516-08	Intermediate Nose Shell MIVEGA	B	MBARI	Generic Carbon Epoxy
2	1	P-201142-11	Turbulence G-10 Mount Ring		MBARI	G-10 Fiberglass Epoxy Laminate Sheet
1	1	P-200514-17	Bonded mount ring - Nose Shell	E	MBARI	G-10 Fiberglass

BILL OF MATERIALS

9. A

8. "REAL WT. = 2.48 kg. (dry), 0.690 kg. (wet).

7. PROJECT LIBRARY:\900739.LRAUV\Project.Drawings\Project.ME.Dwgs\LRAUV\Skin Shells\Long-NoseShell_Payload

NOTES: (CONT. FROM TITLE BLOCK)

Shop / Q.C.	
Inspector	
Shop Foreman	
Engineer	
NEXT ASSY Description	NEXT ASSY Number
Application	

UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:

1 PLACE DIM ±1/16	2 PLACE DIM ±.02	3 PLACE DIM ±.005	ANGLES ±1°

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.

DO NOT SCALE DRAWING

APPROVALS	DATE
DRAWN J. ERICKSON	12/04/17
ENGINEER J. ERICKSON	12/04/17
CHECKED	xx/xx/14
PROJECT NO.	900739
PROJECT	LRAUV
WEIGHT	13.119 lb.

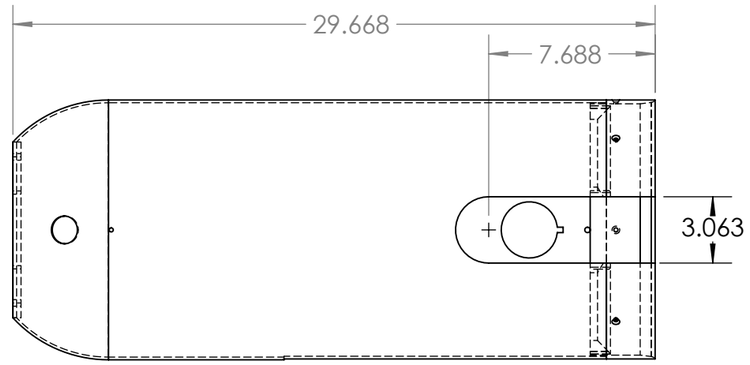
Monterey Bay Aquarium Research Institute
MBARI
7700 Sandholdt RD.
Moss Landing, CA 95039
PH: (831) 775-1700

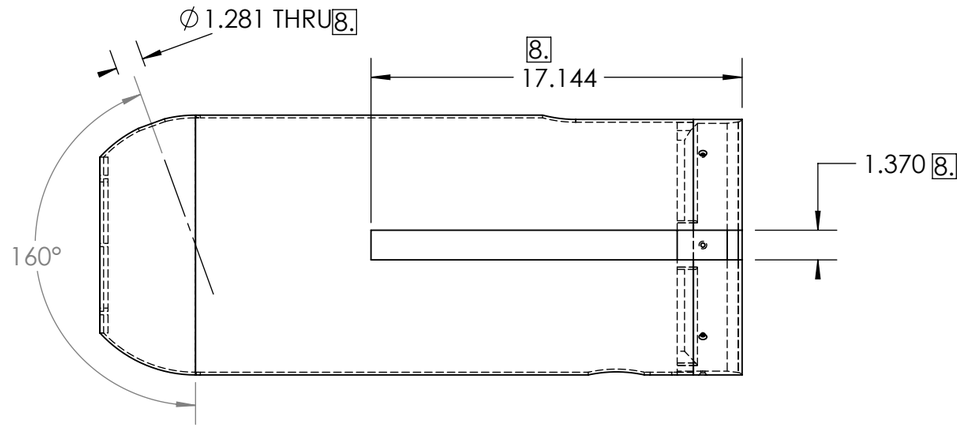
TETHYS - LRAUV

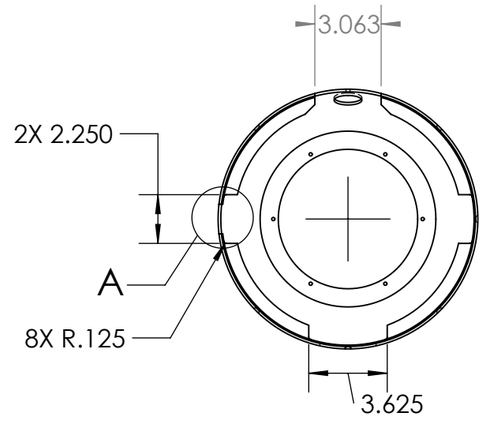
PAYLOAD Nose Shell Assembly_V2

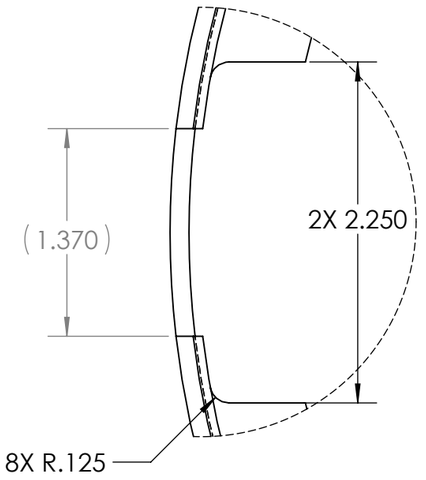
SIZE	DWG. NO.	REV.
B	A-201951-17.DWG	
SCALE 1:4	CAD FILE: MECH ENG ON TORNADO	SHEET 1 OF 3

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

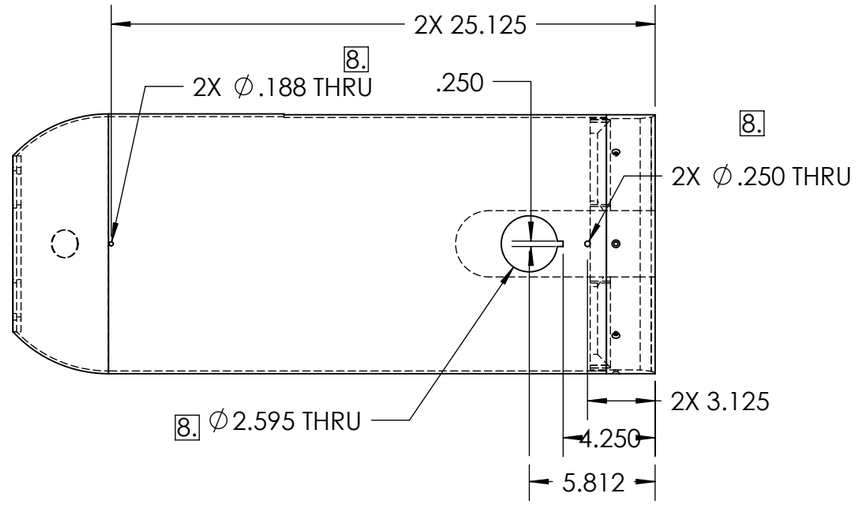


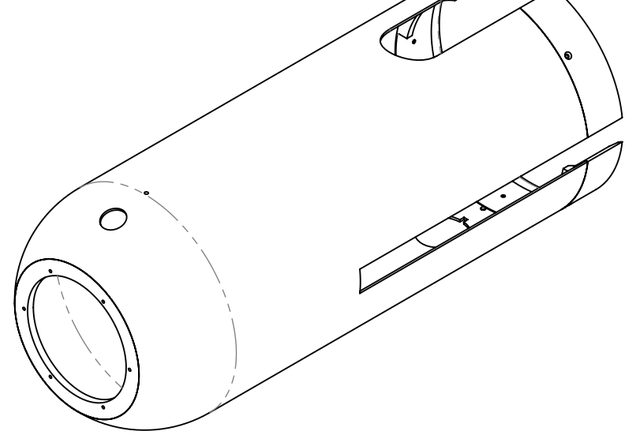






DETAIL A
SCALE 1 : 1





8. CUT/Drill SHELL Eight(8) PLACES, AFTER ASSEMBLY.

7. PROJECT LIBRARY:\900739.LRAUV\Project.Drawings\Project.ME.Dwgs\LRAUV\Skin Shells\Long-NoseShell_Payload

NOTES: (CONT. FROM TITLE BLOCK)

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5. MACHINED DIAMETERS ON A COMMON CENTERLINE CONCENTRIC WITHIN .OO5
6. PERPENDICULARITY & PARALLELISM OF MACHINED SURFACES .002 PER INCH, MAX .012 INCHES FOR SINGLE SURFACE.

DO NOT SCALE DRAWING

APPROVALS	DATE
DRAWN J. ERICKSON	12/04/17
ENGINEER J. ERICKSON	12/04/17
CHECKED	
PROJECT NO. 900739	
PROJECT LRAUV	
WEIGHT 13.119 lb.	

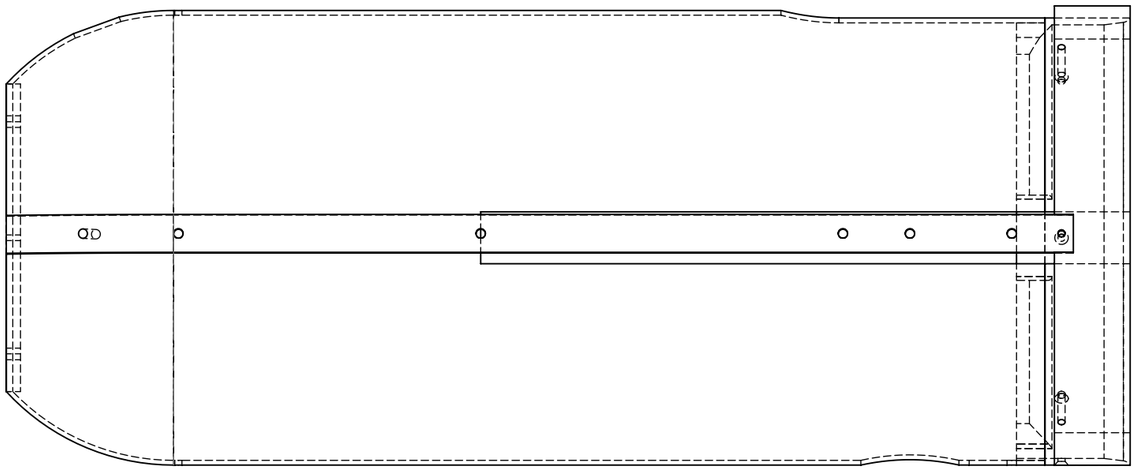
Monterey Bay Aquarium Research Institute
MBARI
7700 Sandholdt RD.
Moss Landing, CA 95039
PH: (831) 775-1700

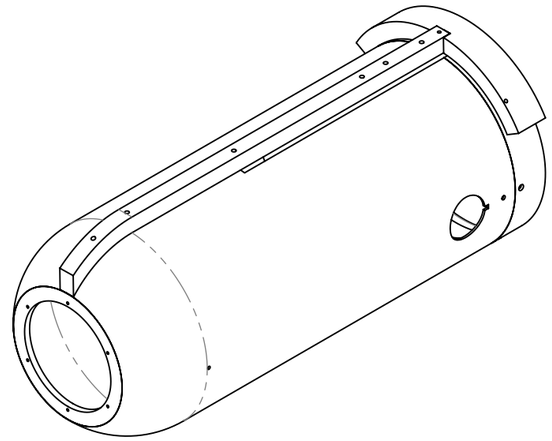
TETHYS - LRAUV

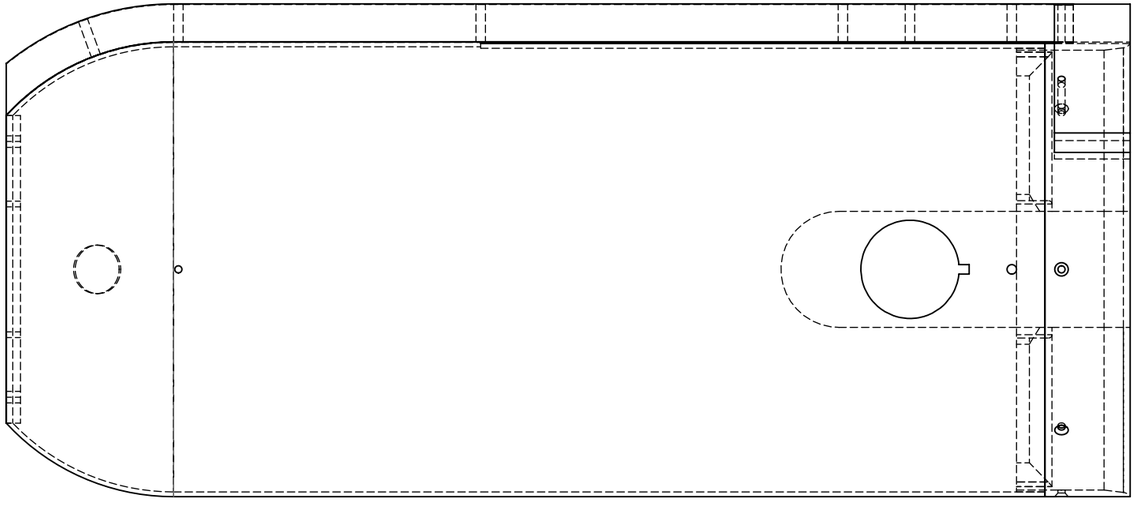
PAYLOAD Nose Shell Assembly_V2_CUT DIM'S

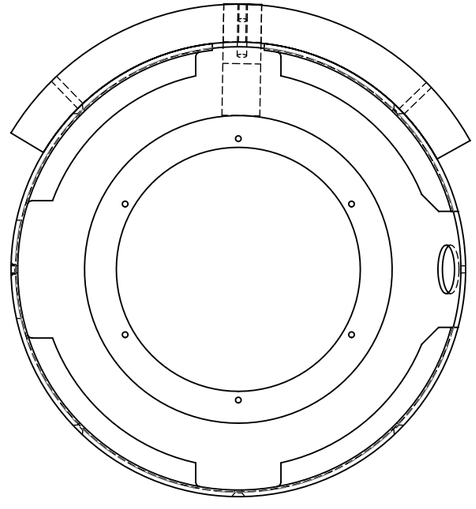
SIZE	DWG. NO.	REV.
B	A-201951-17.DWG	
SCALE 1:4	CAD FILE: MECH ENG ON TORNADO	SHEET 2 OF 3

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









NOTES: (CONT. FROM TITLE BLOCK)

BILL OF MATERIALS

Shop / Q.C.	
Inspector	
Shop Foreman	
Engineer	
NEXT ASSY Description	NEXT ASSY Number
Application	

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DO NOT SCALE DRAWING

APPROVALS	DATE
DRAWN J. ERICKSON	12/04/17
ENGINEER J. ERICKSON	12/04/17
CHECKED	
PROJECT NO.	900739
PROJECT	LRAUV
WEIGHT	13.119 lb.

Monterey Bay Aquarium Research Institute
MBARI
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Moss Landing, CA 95039
PH: (831) 775-1700

TETHYS - LRAUV

PAYLOAD Nose Shell Assembly_V2

SIZE	DWG. NO.	REV.
B	A-201951-17.DWG	

SCALE 1:8 | CAD FILE: MECH ENG ON TORNADO | SHEET 3 OF 3