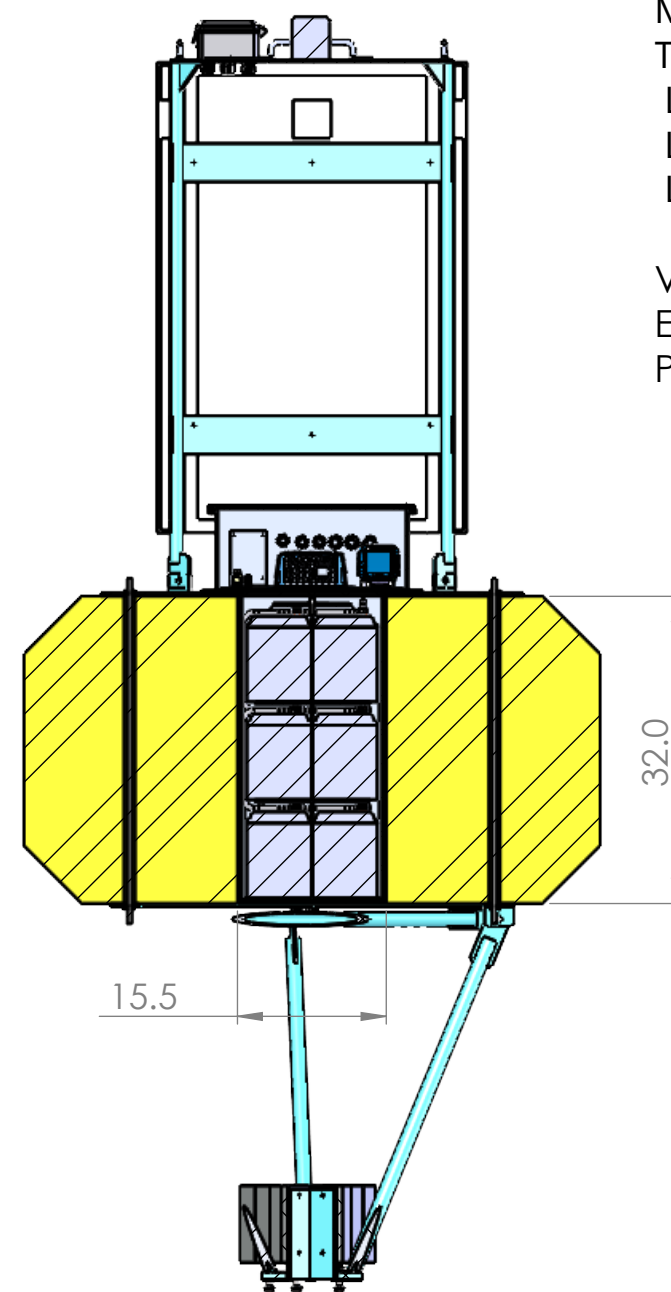
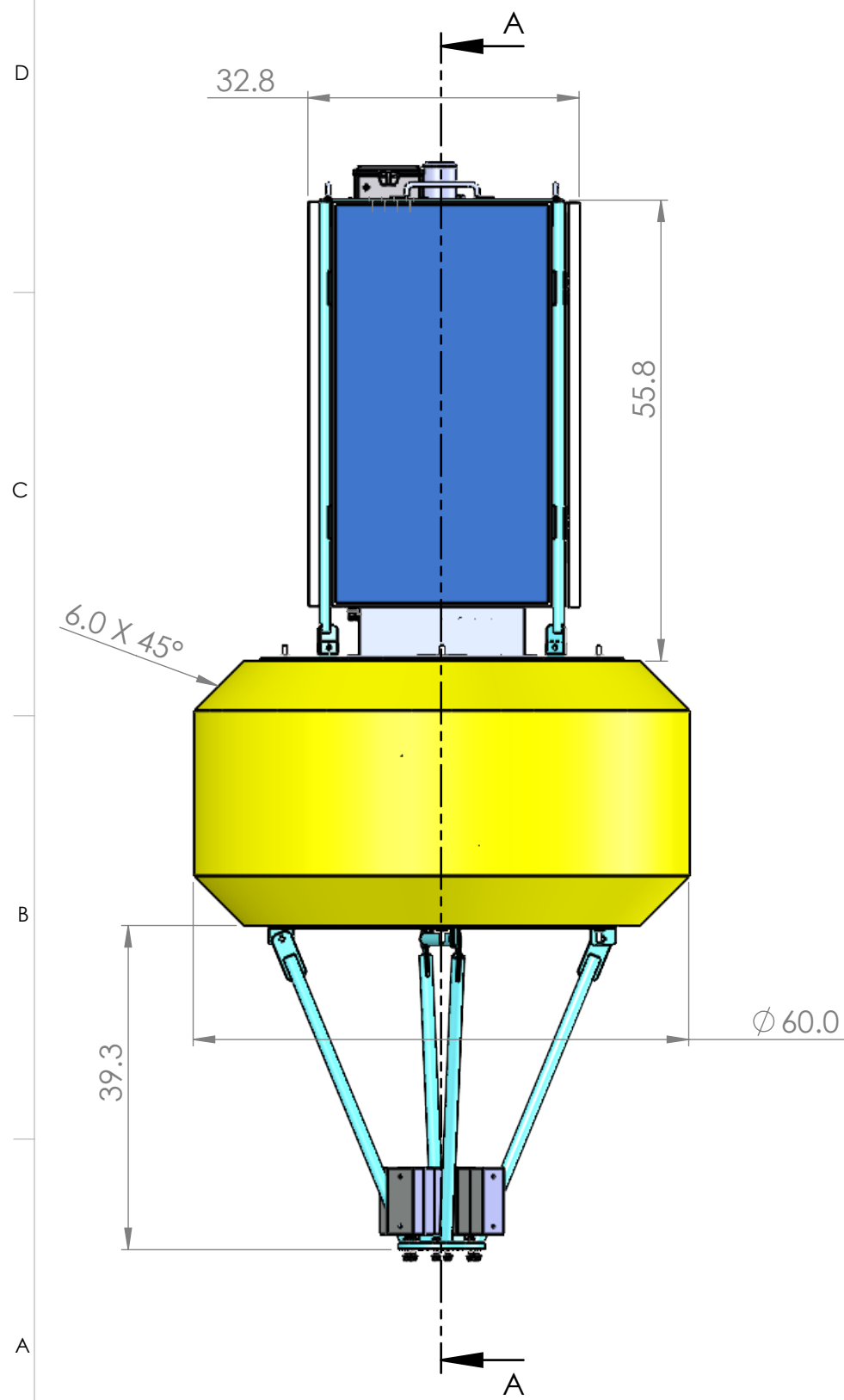




SECTION A-A
SCALE 1 : 20

Mass: 962 lbs, including 12 lead bricks
Center of mass: 23.7" below deck
Waterline: 22" below deck

Moments of inertia: (lb * in^2)
 Taken at the center of mass and aligned with the output coordinate system.

Lxx = 1270471	Lxy = -952.4	Lxz = -203
Lyx = -952.4	Lyy = 140643	Lyz = 1812
Lzx = -203	Lzy = 1811.60	Lzz = 1270101

Volume of hardware below float: 1 123 in³
Equivalent cylinder: 39" long, 6" diameter
Projected area of hardware below float: 500 in².

UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:				APPROVALS		DATE		Monterey Bay Aquarium Research Institute 	
1 PLACE DIM ±1/16	2 PLACE DIM ±.02	3 PLACE DIM ±.005	ANGLES ±1°	DRAWN Francois Cazenave	MBARI 7700 Sandholdt RD. Moss Landing, CA 95039 PH: (831) 775-1700				
1. DIMENSIONS ARE IN INCHES				ENGINEER Francois Cazenave					
2. DIMENSION LIMITS HELD AFTER PLATING.				CHECKED					
3. REMOVE BURRS AND SHARP EDGES .015 MAX.				PROJECT NO.		Docking Buoy 2			
4. MACHINED FILLET RADII .0150-.030.				PROJECT					
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.						SIZE B	DWG. NO.	REV.	
DO NOT SCALE DRAWING				WEIGHT lb.		SCALE 1:50	SHEET 1 OF 1		