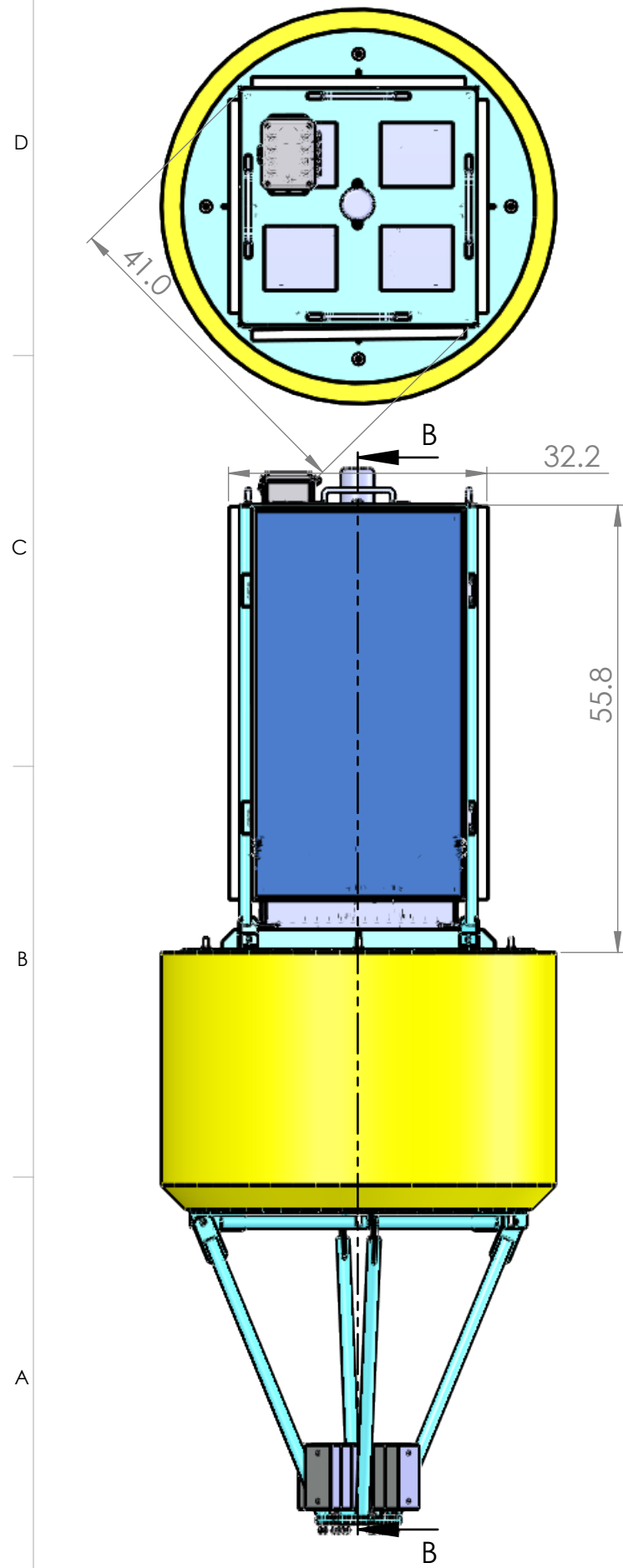
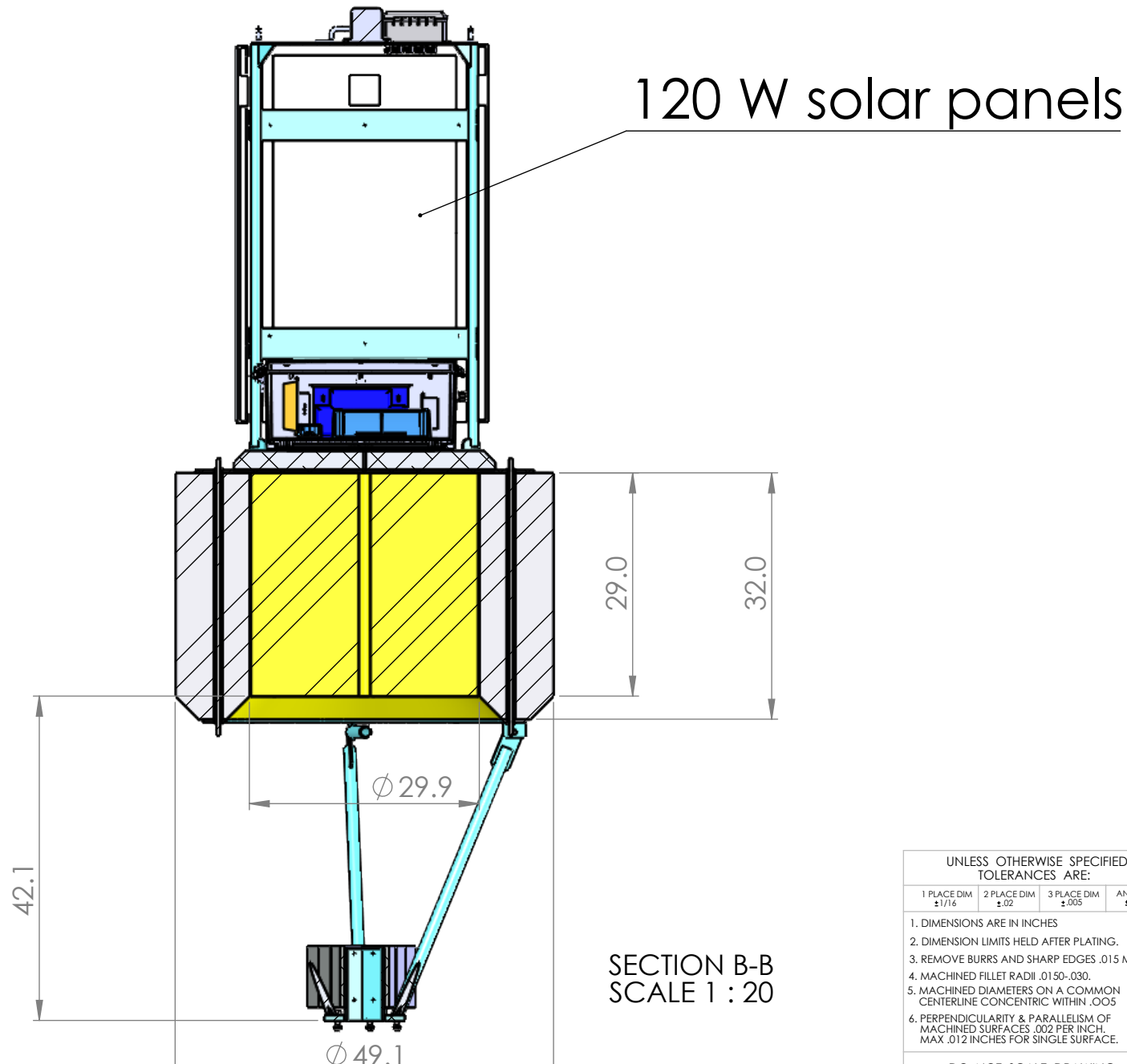




Mass: 855 lbs (measured 2/16/22, including 12 lead bricks)
Center of mass: 22.9" below deck
Waterline: 18" below deck

Moments of inertia: (lb * in^2)
Taken at the center of mass and aligned with the output coordinate system.
Lxx = 1306394 Lxy = 719.76 Lxz = -210
Lyx = 720 Lyz = 137936 Lzz = 7908
Lzx = -210 Lzy = 7907 Lzz = 1304367

Volume of hardware below float: 1123 in3
Equivalent cylinder: 39" long, 6" diameter
Projected area of hardware below float: 500 in2.



SECTION B-B
SCALE 1 : 20

UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:				APPROVALS		DATE		Monterey Bay Aquarium Research Institute MBARI 7700 Sandholdt RD. Moss Landing, CA 95039 PH: (831) 775-1700 			
1 PLACE DIM ±1/16	2 PLACE DIM ±.02	3 PLACE DIM ±.005	ANGLES ±1°	DRAWN	Francois Cazenave						
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	Francois Cazenave		Docking Buoy				
				CHECKED							
				PROJECT NO.							
				PROJECT							
				WEIGHT lb.				SIZE B		DWG. NO.	
DO NOT SCALE DRAWING						SCALE 1:50		SHEET 1 OF 1			