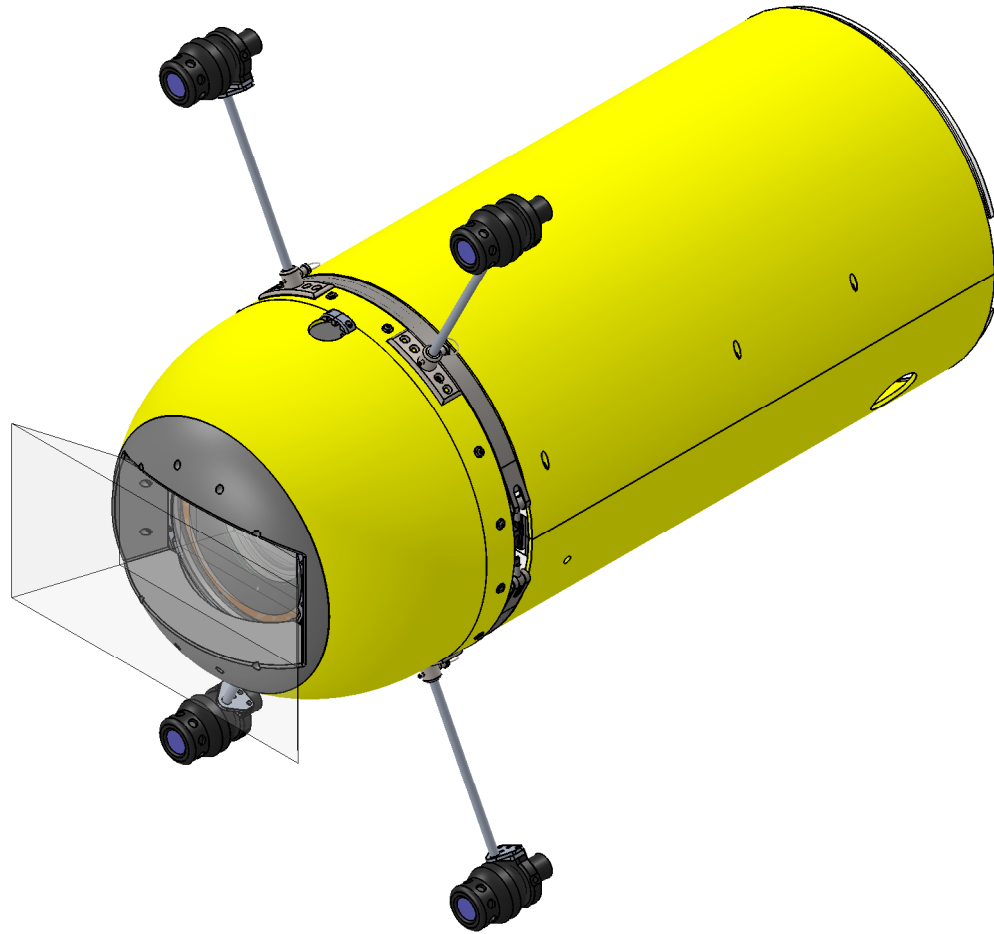
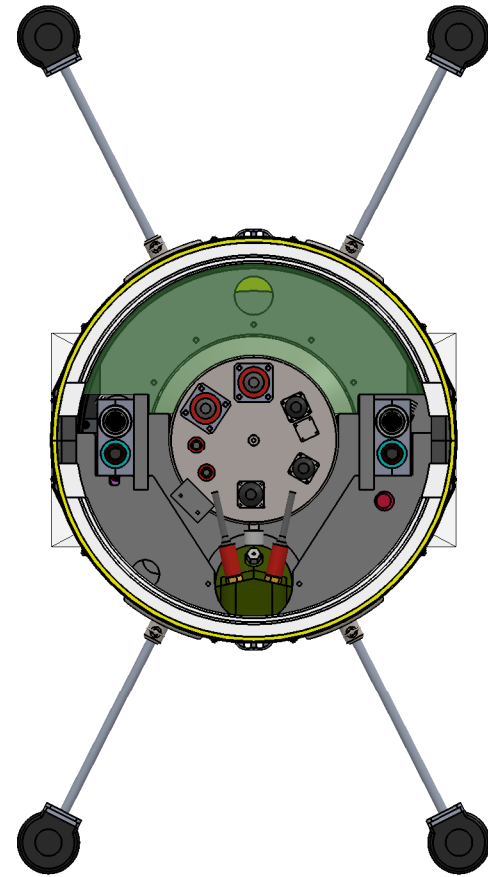
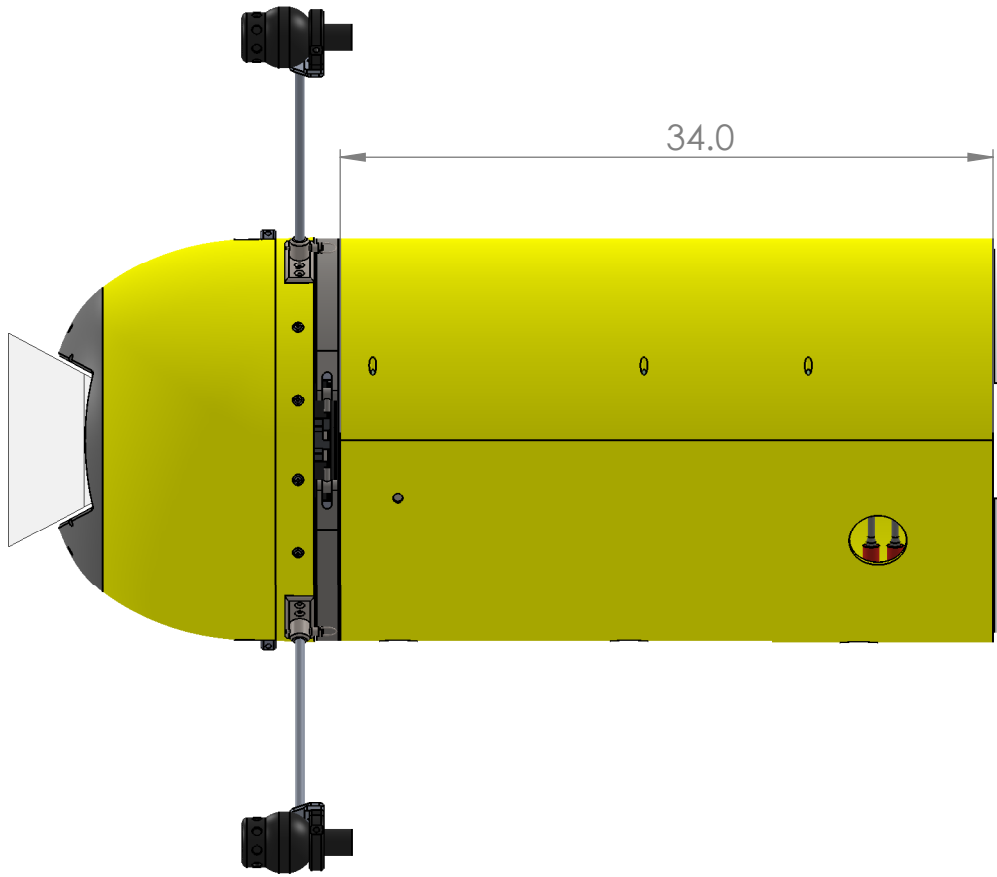
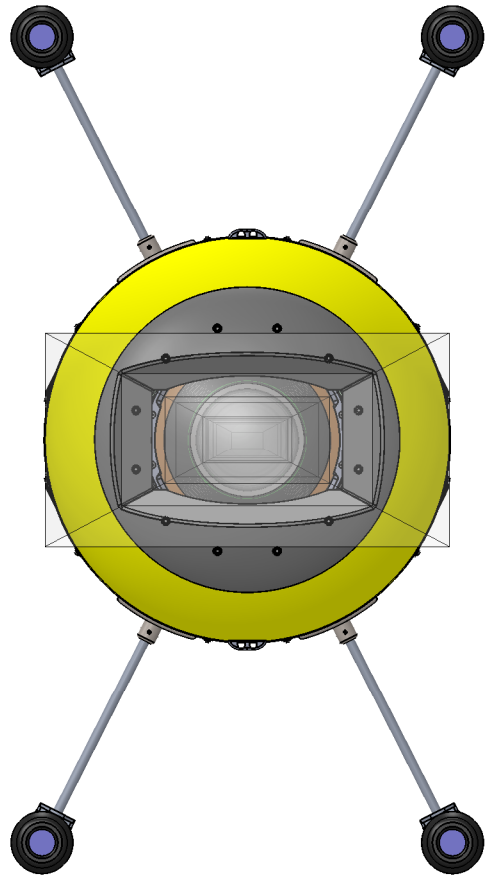


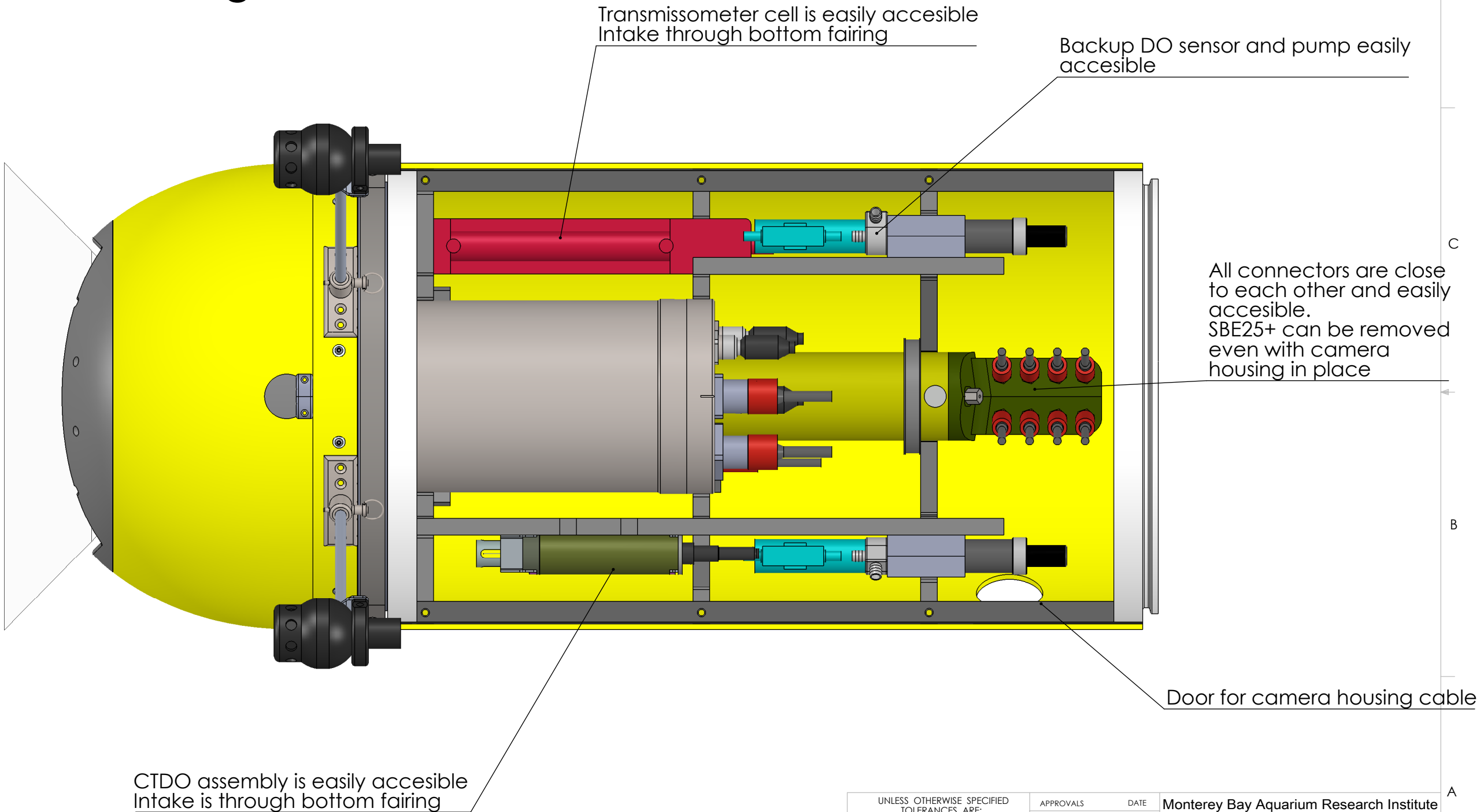
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Weight in air: 284lb
Weight in water: -15.1b

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				
1. DIMENSIONS ARE IN INCHES				ENGINEER Francois Cazenave		MBARI 7700 Sandholdt RD. Moss Landing, CA 95039 PH: (831) 775-1700		
2. DIMENSION LIMITS HELD AFTER PLATING.				CHECKED				
3. REMOVE BURRS AND SHARP EDGES .015 MAX.				PROJECT NO.		I2Map_Section		
4. MACHINED FILLET RADII .0150-.030.				PROJECT				
5. MACHINED DIAMETERS ON A COMMON CENTERLINE CONCENTRIC WITHIN .005						SIZE B	DWG. NO.	REV.
6. PERPENDICULARITY & PARALLELISM OF MACHINED SURFACES .002 PER INCH. MAX .012 INCHES FOR SINGLE SURFACE.						SCALE 1:20		
DO NOT SCALE DRAWING				WEIGHT 285.25 lb.		SHEET 1 OF 3		

Top view with fairing removed



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				
1. DIMENSIONS ARE IN INCHES				ENGINEER Francois Cazenave		MBARI 7700 Sandholdt RD. Moss Landing, CA 95039 PH: (831) 775-1700		
2. DIMENSION LIMITS HELD AFTER PLATING.				CHECKED				
3. REMOVE BURRS AND SHARP EDGES .015 MAX.				PROJECT NO.		I2Map_Section		
4. MACHINED FILLET RADII .0150-.030.				PROJECT				
5. MACHINED DIAMETERS ON A COMMON CENTERLINE CONCENTRIC WITHIN .005						SIZE B	DWG. NO.	REV.
6. PERPENDICULARITY & PARALLELISM OF MACHINED SURFACES .002 PER INCH, MAX .012 INCHES FOR SINGLE SURFACE.						SCALE 1:20		
DO NOT SCALE DRAWING				WEIGHT 285.25 lb.		SHEET 2 OF 3		

	8	7	6
Weights in air and water of I2map components			
Updated 12/17/2014			
	Displacement (ci)	Weight in air	Weight in water
Parallel section fairing and brackets	1138	41	-1.1
Nose Assembly	1028	37.1	-1.0
Fairing clamp assembly	22	4.7	3.9
Camera housing	1724	100	36.2
CTDO + mounting plate	197	9	1.7
SBE25+	206	13.2	5.6
Light bars	136	10.4	5.4
Transmissometer	63.5	7.94	5.6
DO+Pump	100.5	4.9	1.2
Main Foam Block	3487	56.7	-72.4
total	8102	284.94	-15.1

