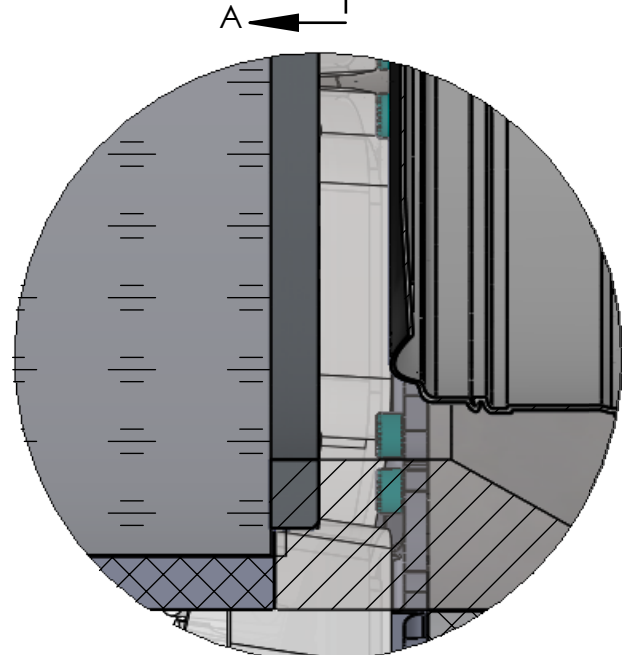
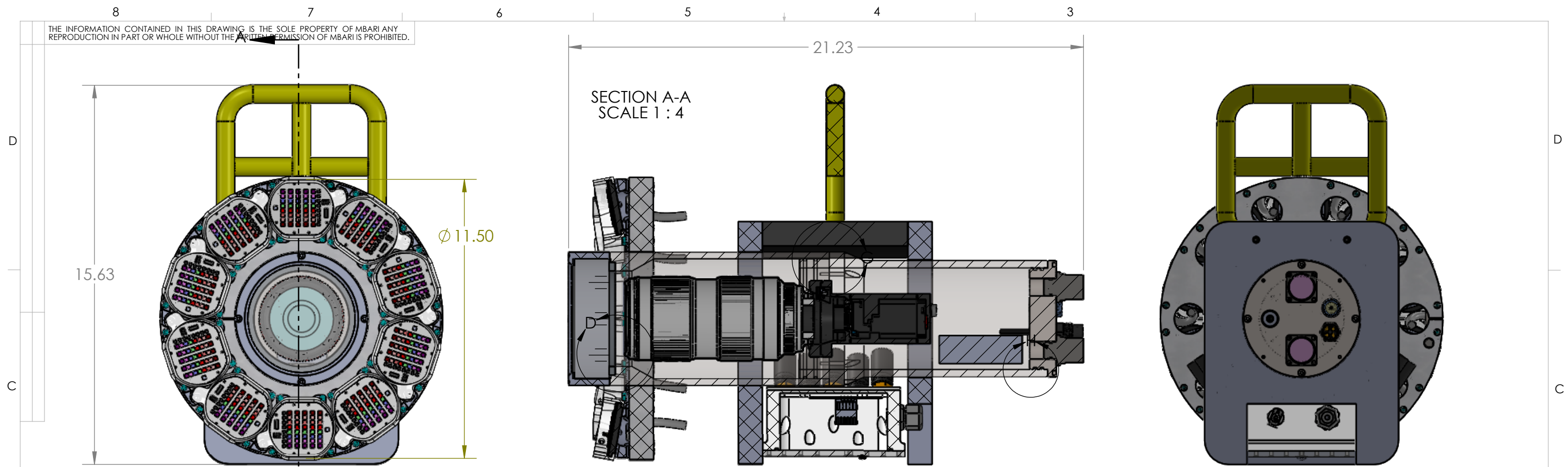
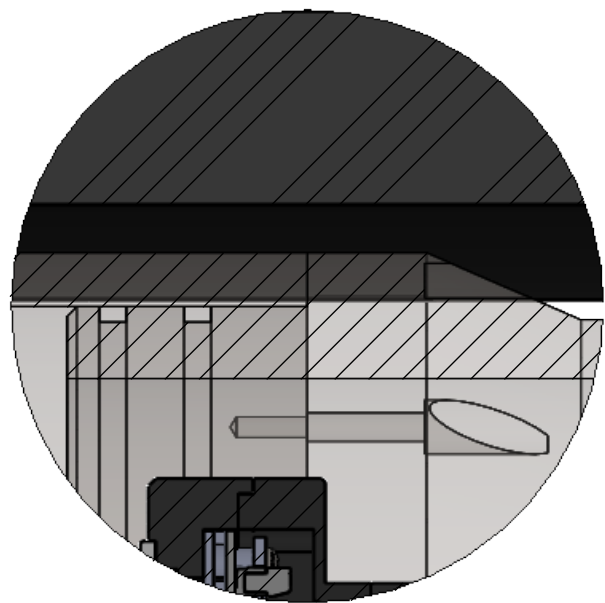


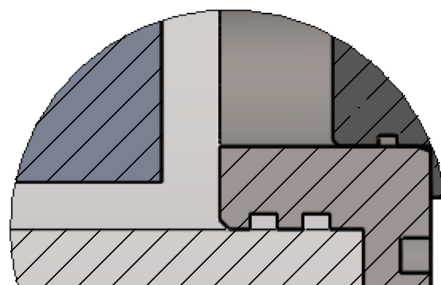
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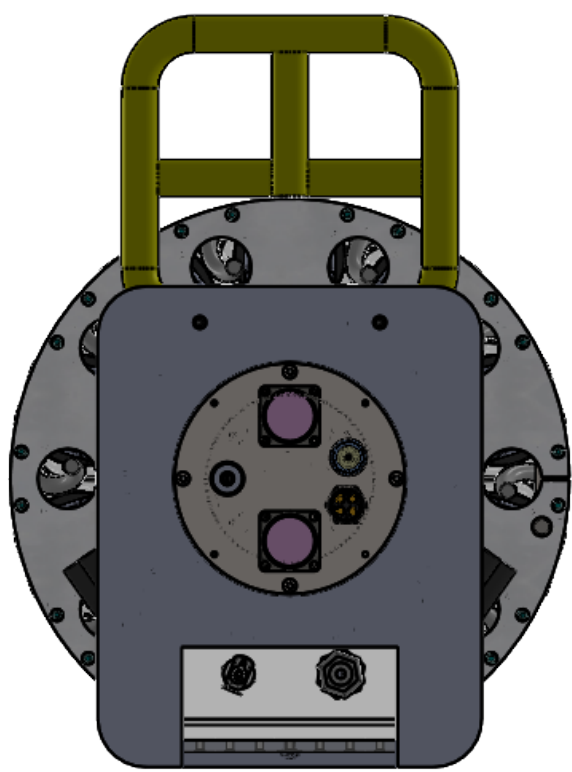
DETAIL D
SCALE 1 : 1
ViewPort
Seal Detail



DETAIL G
SCALE 1 : 1
Lens/Camera interface
Seal



DETAIL H
SCALE 1 : 1
Endcap Seal Detail



- Notes:
- Dual Housing design, changeable camera tube and lens tube with common EF mount interface
 - EyeRIS T-Handle shown for mounting to manip, but mounting is TBD and for next year, ideally buy an ROS P/T and control remotely
 - Canon 70-200 mm lens is shown (same as EyeRIS)
 - EVT 50 MP @ 30 FPS fiber camera shown with EF lens controller

FILE LOCATION:
X:\901904.CoralObservatory\CoralObs.Drawings\Project.ME.Dwgs
\Multispectral Camera\assemblies\
MSPEC-ROV₈Camera

BILL OF MATERIALS									
Shop / Q.C.		UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:			APPROVALS	DATE	Monterey Bay Aquarium Research Institute MBARI 7700 Sandholdt RD. Moss Landing, CA 95039 PH: (831) 775-1700		
Inspector		1 PLACE DIM $\pm 1/16$	2 PLACE DIM $\pm .02$	3 PLACE DIM $\pm .005$	DRAWN P. Roberts				
Shop Foreman		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 P. ROBERTS		MSPEC-ROV-Camera		
Engineer					CHECKED P. ROBERTS				
NEXT ASSY Description	NEXT ASSY Number				PROJECT NO. 901904				
					PROJECT DiSCO				
Application					WEIGHT				
		DO NOT SCALE DRAWING					SIZE B	DWG. NO.	REV. ANY
							SCALE		SHEET 1 OF 1