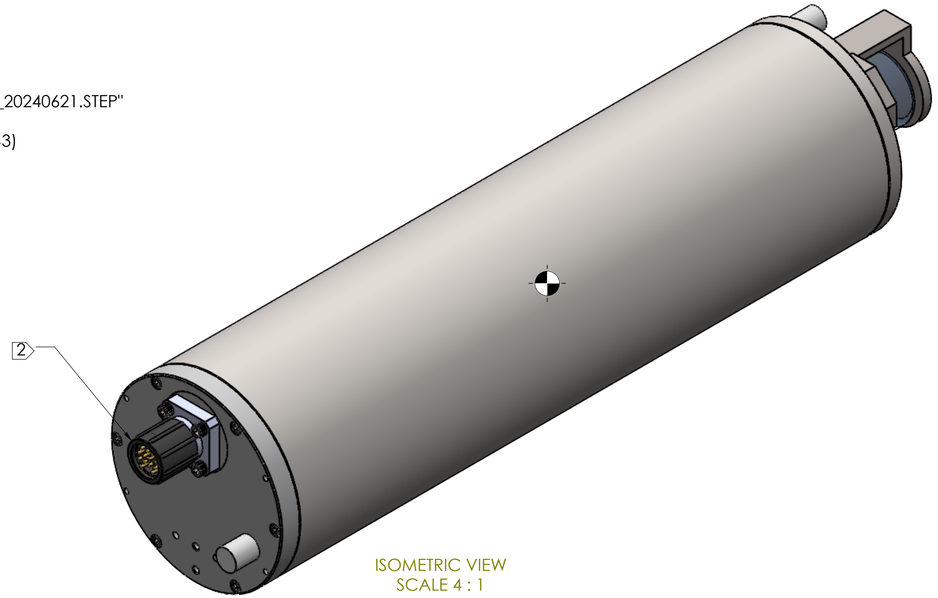
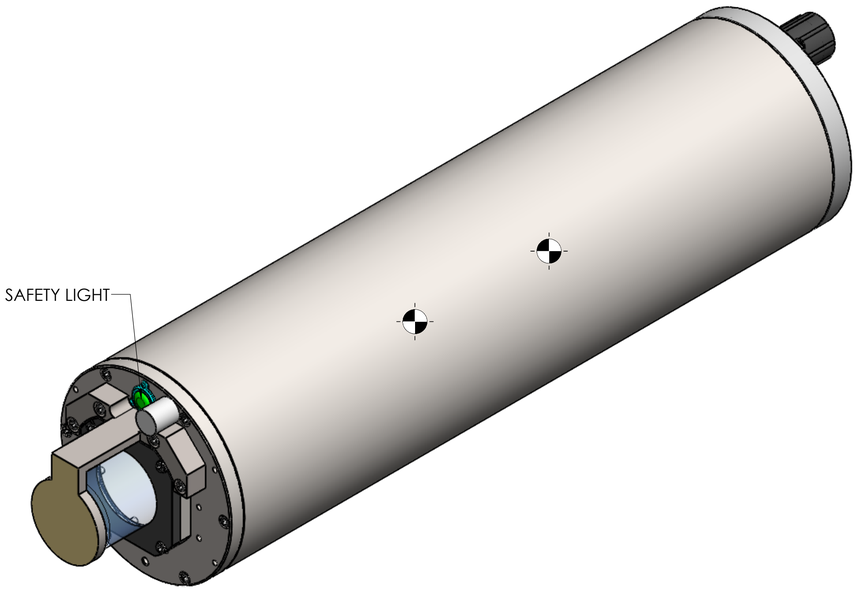
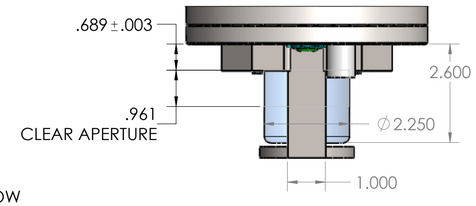
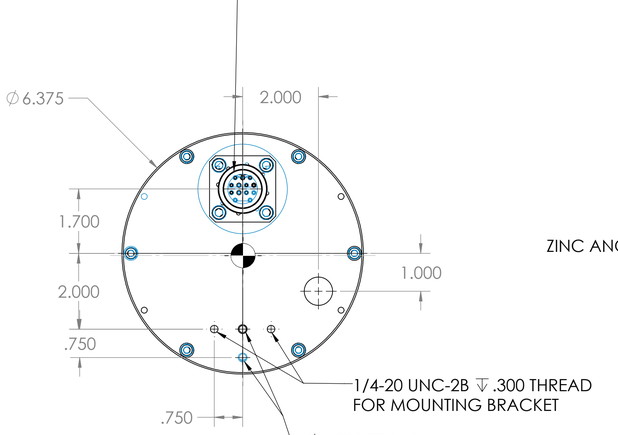
NOTES
1. MECHANICAL INTERFACE CONTROL DRAWING
2. MACARTNEY DFCR2013M-Ti CONNECTOR
3. USE PROVIDED .STEP FILE NAMED "3DDINT-ME-AS-0632_MICD_20240621.STEP"
4. VOLUME OF DISPLACED WATER = 1005.3 IN^3, (0.0164739 m^3)
5. MASS: 64.92 LBS, (29.447 kg)
6. CENTER OF GRAVITY: (-.01, -.06, -10.48 INCHES)

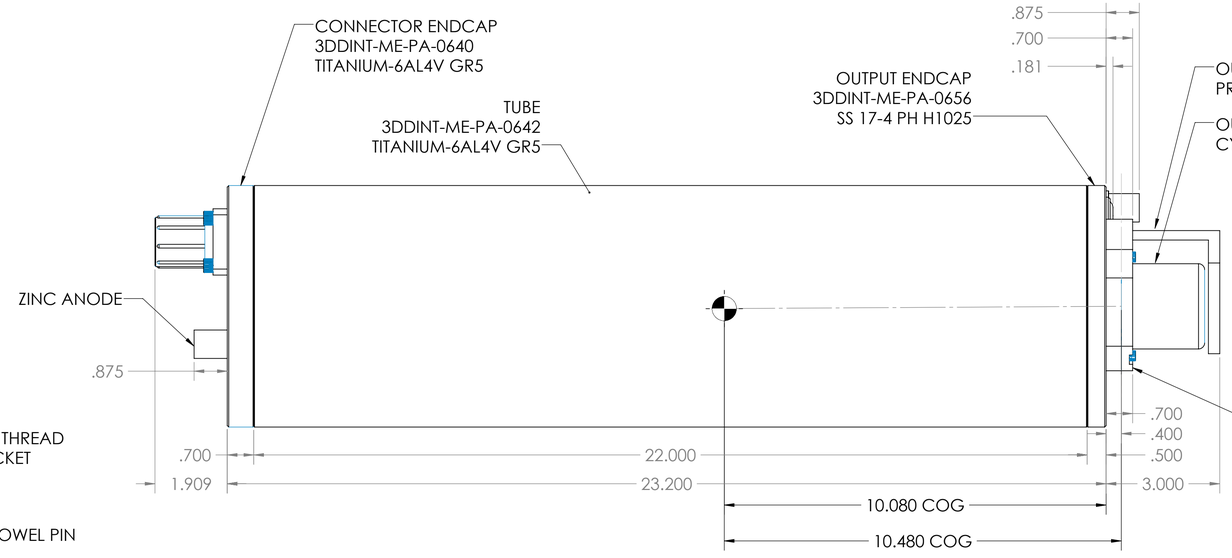


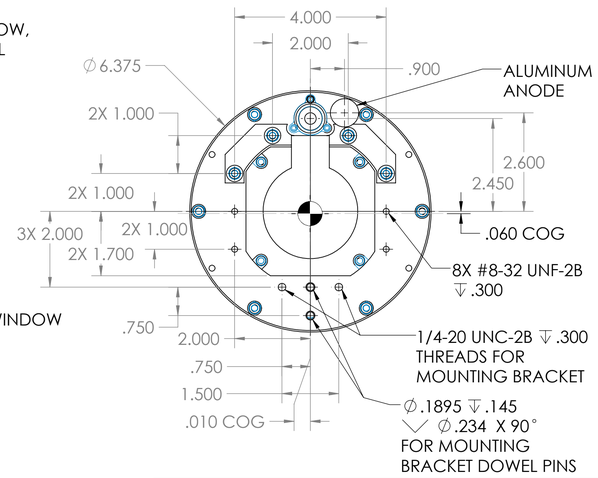
ISOMETRIC VIEW
SCALE 4 : 1











ZONE	REV.	DESCRIPTION	DATE	APPROVED
	D	MODIFY EXIT ANGLES SHT. 2	4/28/2025	
	C	ADD EXIT ANGLES SHT. 2	4/25/2025	
	B	ADD SHT. 2	4/22/2025	
	A	ADD PRELIMINARY MASS, COG AND VOLUME	2/24/2025	
	-	INITIAL RELEASE	6/24/2024	

REVISIONS

3D AT DEPTH

3D at Depth, Inc
1900 S. Sunset St. Suite 1-D, Longmont, CO 80501,USA

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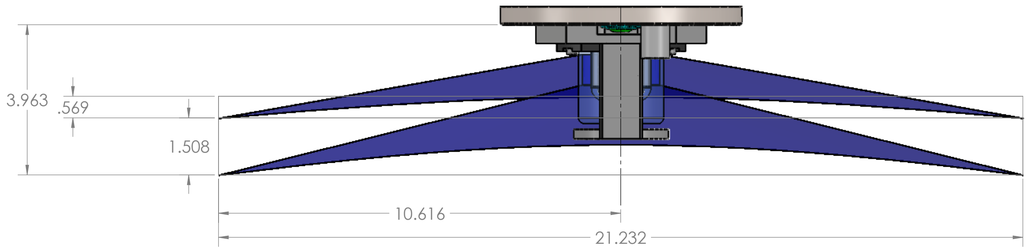
UNLESS OTHERWISE STATED ALL DIMS IN INCHES TOLERANCES AS BELOW:
X.XX = +/- .010
X.X = +/- .05
FRACTIONS +/- 1/16
ANGLES +/- 1°
BREAK EDGES .01 FILLETS .005 R.01
MACHINED SURFACES 63 RE 63u
ALL THREADS ARE 6H/6g
ISO & FED ASME Y14.5M-1994

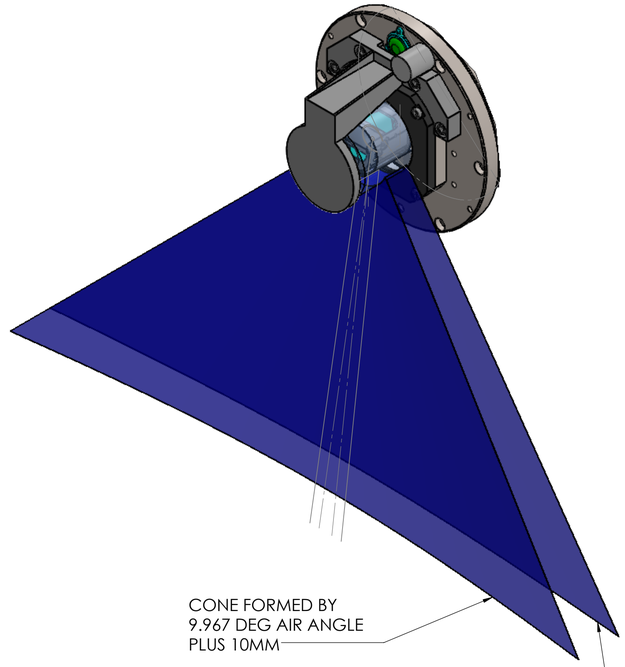
APPROVED BY		DATE	-
CHECKED BY	M. SCHREIBER	DATE	06/24/2024
DRAWN BY	M. SCHREIBER	DATE	14 Jun 2024

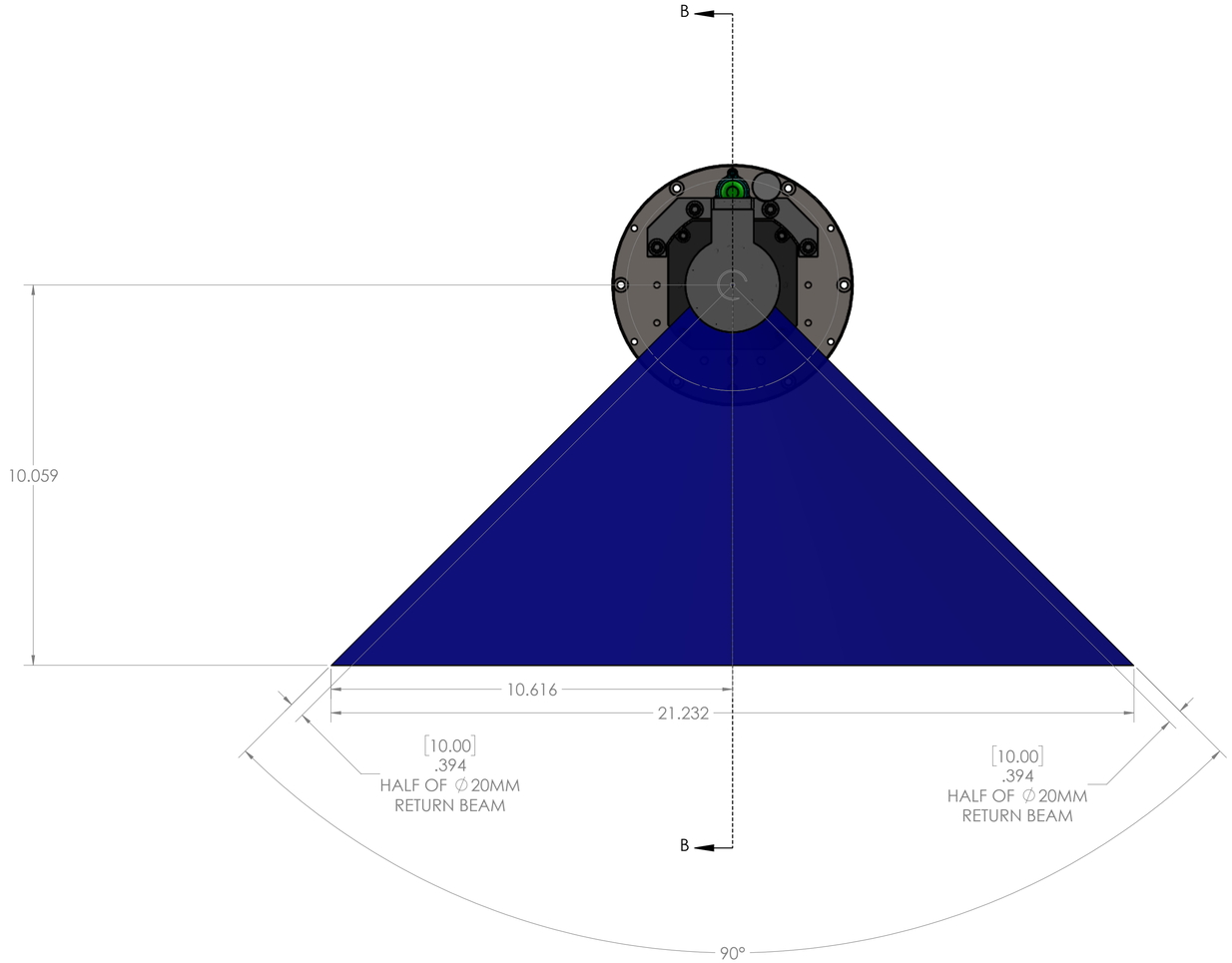
DRAWING TITLE
WISSL-2G, MECHANICAL INTERFACE CONTROL DRAWING

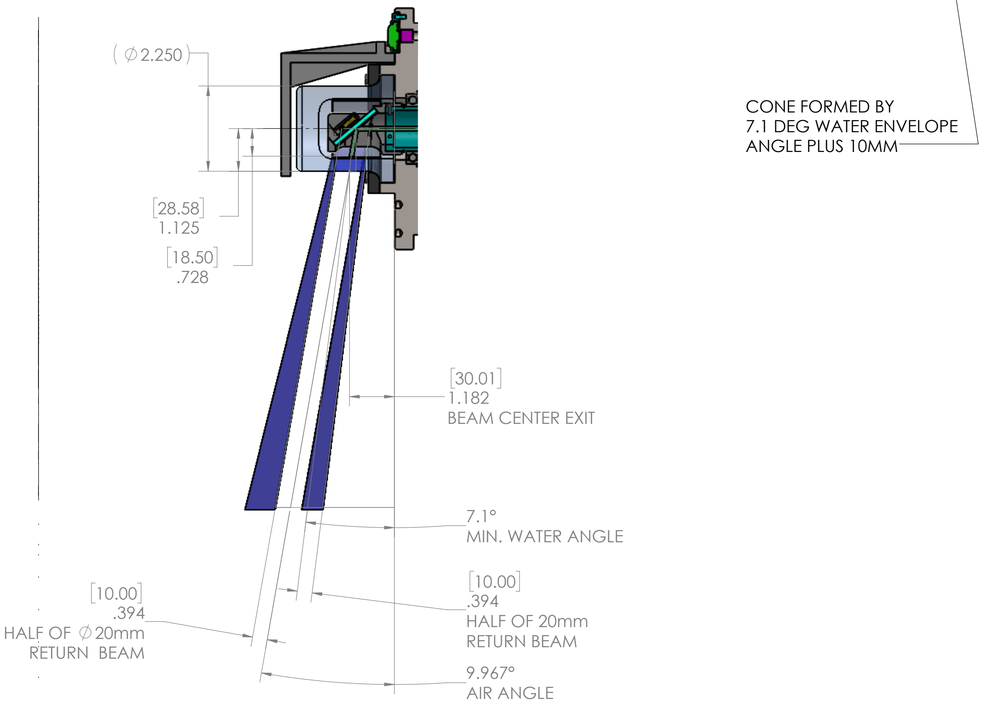
DRAWING NO. 3DDINT-ME-SP-0924 REV D
Contact Email: SCALE 6:1 SHEET 1 OF 2

OUTPUT BEAM ANGLE [THETA_WATER=ASIN((1/N_WATER)*SIN(9.967DEG))]			
	INDEX OF REFRACTION	OUTPUT ANGLE (DEGREES)	WAVELENGTH OF LIGHT
AIR	1.00	9.967	532nm
SALT WATER	1.33	7.477	532nm
ENVELOPE	1.4	7.1	532nm









SECTION B-B

3D AT DEPTH

3D at Depth, Inc
1900 S. Sunset St. Suite 1-D, Longmont, CO 80501,USA

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UNLESS OTHERWISE STATED ALL DIMS IN INCHES & TOLERANCES AS BELOW:
X.XXX +/- .005
X.XX +/- .01
X.X +/- .05
FRACTIONS +/- 1/16
ANGLES +/- 1°
BREAK EDGES .01
MAXIMUM RADIUS
MACHINED SURFACES TO BE 63u
FINISH OR BETTER
DO & TYED HOME THIS SW-1994

APPROVED BY		DATE	-
CHECKED BY	M. SCHREIBER	DATE	06/24/2024
DRAWN BY	M. SCHREIBER	DATE	14 Jun 2024

DRAWING TITLE

WISSL-2G, MECHANICAL INTERFACE CONTROL DRAWING

DRAWING NO.	3DDINT-ME-SP-0924	REV D
Contact Email:	SCALE 1:2	SHEET 2 OF 2