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REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
INITIAL RELEASE		05/01/06	HWJ

Spectrometer

Float CPU

Cu wrapped source

2.75 x 8" ISUS PCB (incl. PwrSup)

Model 8

Reference

Reference fiber

Source fiber

Detector fiber

Top View

DETAIL A
SCALE 1 : 2

Left View

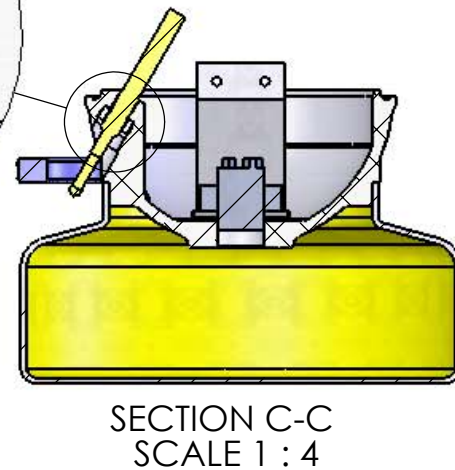
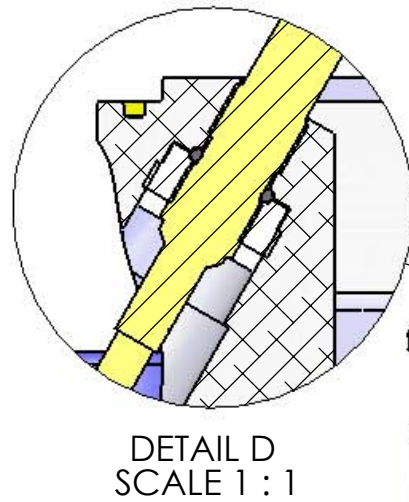
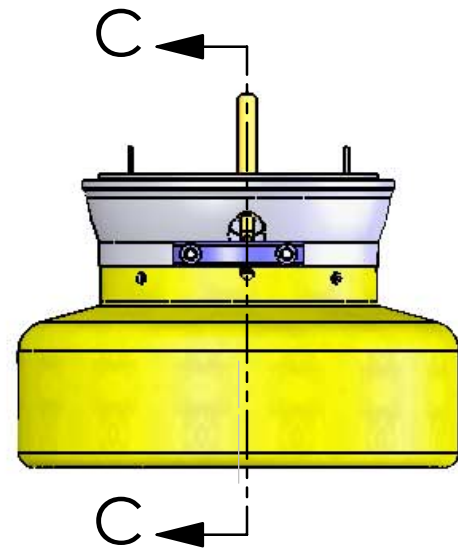
Front View

Right View

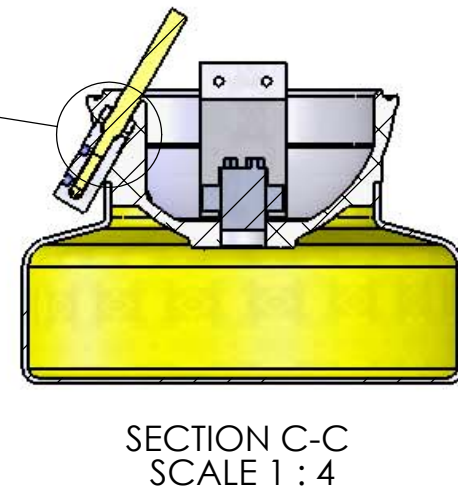
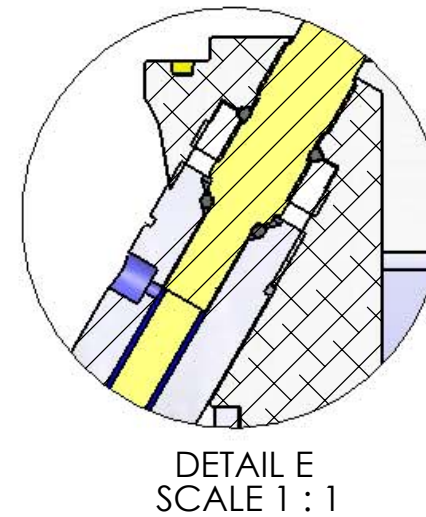
Shop / Q.C.		UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:				APPROVALS	DATE	Monterey Bay Aquarium Research Institute		
Inspector		1 PLACE DIM ±1/16	2 PLACE DIM ±.02	3 PLACE DIM ±.005	ANGLES ±1°	DRAWN Hans Jannasch	8/25/05	MBARI		
Shop Foreman		1. DIMENSIONS ARE IN INCHES				ENGINEER		7700 Sandholdt RD.		
Engineer		2. DIMENSION LIMITS HELD AFTER PLATING.				CHECKED Jon Erickson	5/1/06	Moss Landing, CA 95039		
NEXT ASSY Description	NEXT ASSY Number	3. REMOVE BURRS AND SHARP EDGES .015 MAX.				PROJECT NO.	900606	PH: (831) 775-1700		
		4. MACHINED FILLET RADII .0150-.030.				PROJECT	Chemical Sensors	174jahaARGO+ISUS Ver1		
		5. MACHINED DIAMETERS ON A COMMON CENTERLINE CONCENTRIC WITHIN .005						ARGO+ISUS Integration Concept		
		6. PERPENDICULARITY & PARALLELISM OF MACHINED SURFACES .002 PER INCH. MAX .012 INCHES FOR SINGLE SURFACE.						SIZE B DWG. NO. 174jaha.DWG		
Application		DO NOT SCALE DRAWING				WEIGHT		SCALE 1:12 CAD FILE: tornado/chem/SWfiles SHEET 1 OF 3		

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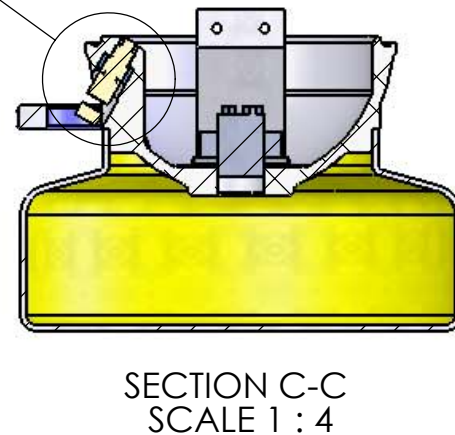
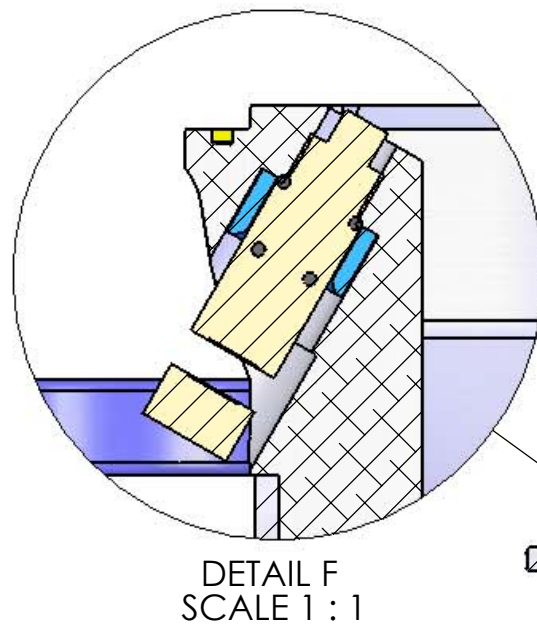
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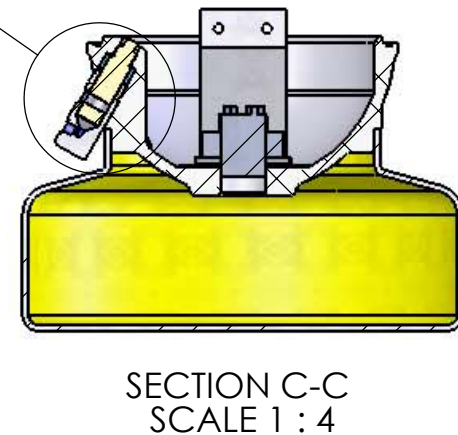
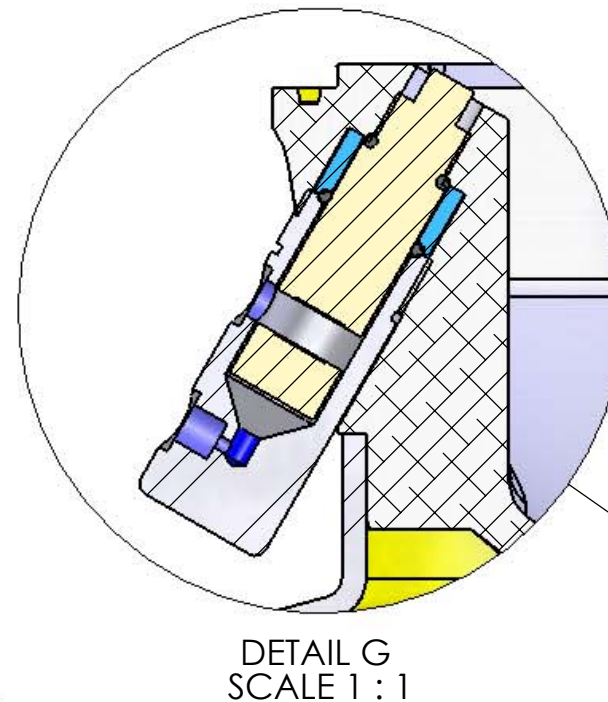
**C-Tech probe
Deploy mode**



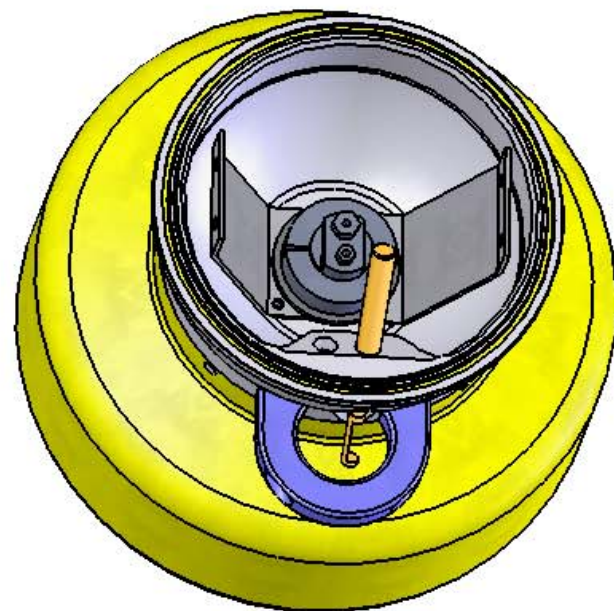
**C-Tech probe
Calibration mode**



**EquiTech probe
Deploy mode**



**EquiTech probe
Calibration mode**



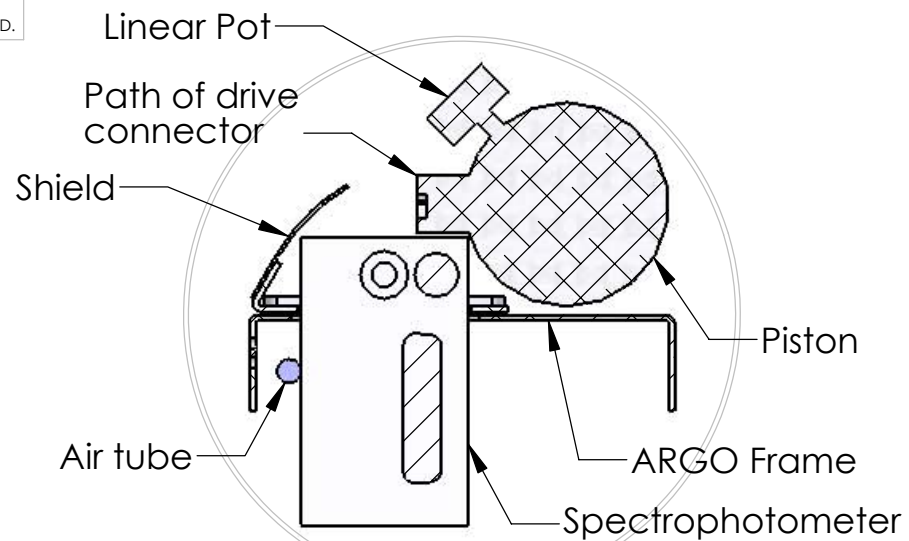
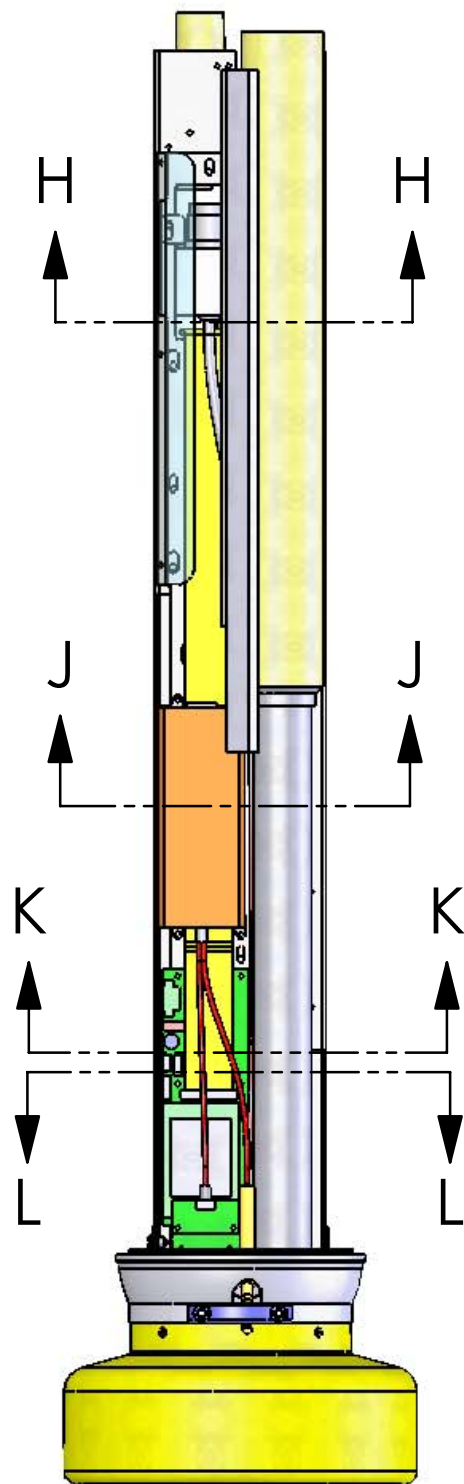
Calculated weights of endcap (in air)
Original endcap: 2.105 lbs
ISUS endcap: 2.179 lbs
(modified wndcap is ~33.5 g heavier)

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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			7700 Sandholdt RD. Moss Landing, CA 95039 PH: (831) 775-1700		
Engineer						CHECKED	Jon Erickson	5/1/06	174jahaARGO+ISUS Ver1 ARGO+ISUS Integration Concept		
NEXT ASSY Description	NEXT ASSY Number					PROJECT NO.		900606			
						PROJECT	Chemical Sensors				
Application		DO NOT SCALE DRAWING				WEIGHT			SIZE B	DWG. NO. 174jaha.DWG	REV.
									SCALE 1:12	CAD FILE: tornado/chem/SWfiles	SHEET 2 OF 3

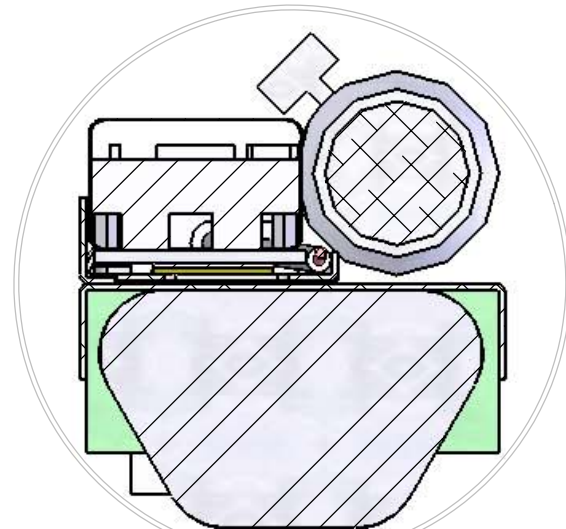
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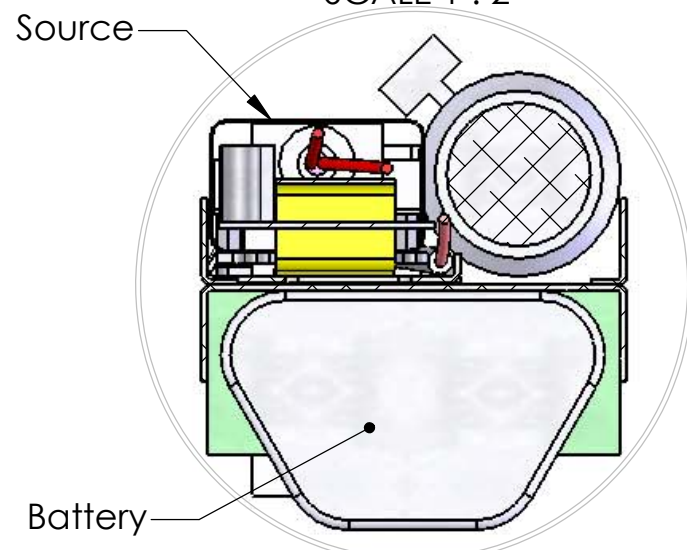
D
C
B
A



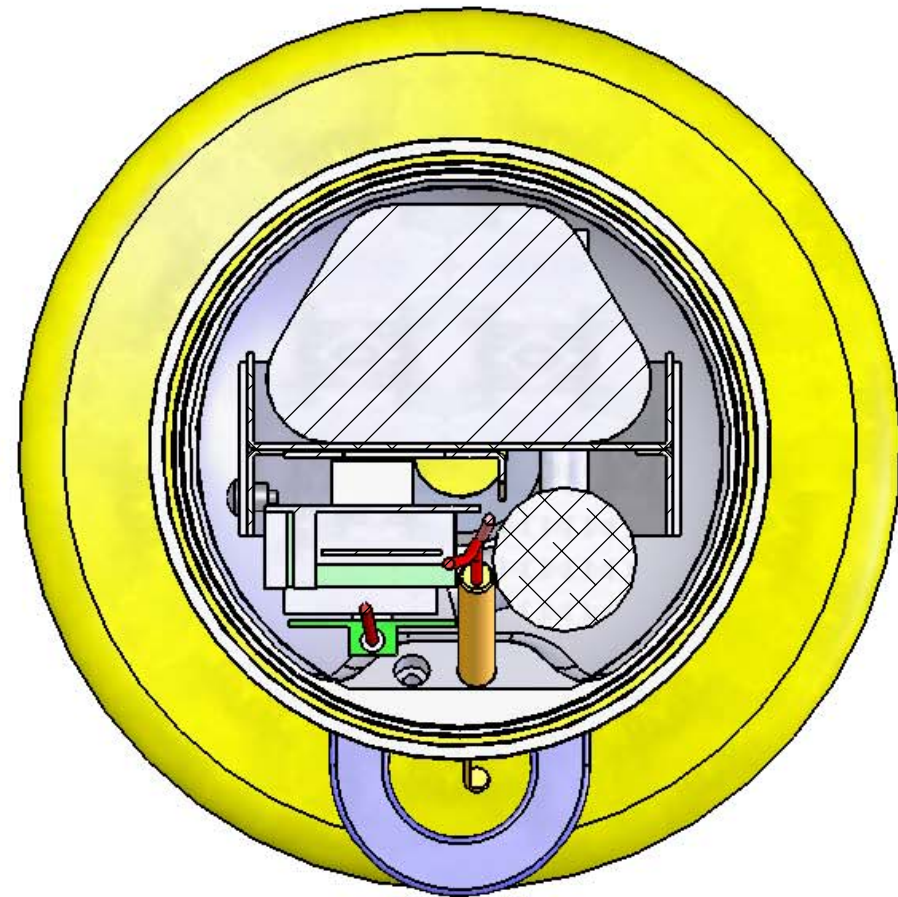
SECTION H-H
SCALE 1 : 2



SECTION J-J
SCALE 1 : 2



SECTION K-K
SCALE 1 : 2



SECTION L-L
SCALE 1 : 2

D
C
B
A

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