

SSRL BL 1
DAN HARRINGTON

30 APR 2003
PERRY, BANUELOS

BL1-5 MONO

5/5/03

Y	U/S FLANGE (Dia = 4.470")	D/S FLANGE
	15.975 HI	15.975 HI
	<u>2.235</u>	<u>2.235</u>
	13.740 ✓ S/R	13.740 ✓ S/R
	13.753	13.742
	13.742	13.737
	<u>-0.002</u> ✓	<u>-0.011</u> ✓

X	U/S	O/S	Top Mid for Roll	FRANGES
	19.685 LOS			
	15.356 *	15.421 *	15.389	
	<u>1</u>	<u>1</u>	<u>1</u>	
	14.356 ✓	14.421 ✓	14.389 ✓	X -0.007
	14.057	14.298	14.395 -6	Y -0.007
	14.270	14.490	14.393	Z -
	14.356	14.417	<u>-0.006</u> ✓	Roll -0.006
	14.377	14.389		Pitch -0.009
	14.367	14.420 +1		Yaw -0.001
	14.363 -7	14.427		
	<u>-0.007</u> ✓	<u>-0.006</u> ✓		

Component: Monochromator

Centerline Position: -0.16310 mR

Positions taken at 1.000° from either end of Mono tank cover on scribed CL

Distance to Centerline from either point is 6.750° (171.45mm) in X

Position	Metric		English	
	X (mm)	Z (mm)	X (in.)	Z (in.)
Upstream	390.049	19838.418	15.356	781.040
Downstream	391.703	20371.818	15.421	802.040

Vertical: Centerline is 11.500° below the top of the tank lid center

Top of US flange: 2.235° above centerline

Top of DS flange: 2.235° above centerline

No pitch

Old Centerline into mono = 41.375° above (ground?)

Old Centerline out of mono = 40.657° above (ground?)

Delta = 0.718°