

White Beam Slit HSize Changes with Energy!

8-ID-A Beamline 07/16/19 16:54:06

Storage Ring	Undulators	Beam Position Monitor
-0.0 mA	Energy 14.026 keV	Horizontal Pos: 0.092 um
Fill 1+8x7 RHB	Gap 180.000 mm	Vertical Pos: -0.195 um
ASD Studies	DS 14.026 keV	Angle: 1.5 urad 33.5 urad
NO BEAM		

Stations

Position	Search Status	Control
A Shutter	Closed YES	OPEN CLOSE
D Shutter	Open YES	
E Shutter	Closed NO	
I Shutter	Closed NO	

Beam Types

- White
- Pink
- Monochromatic

Beamline Components: 8-ID-D, 8-ID-E, 8-ID-G, 8-ID-I, D Shutter, Filter, Be Window, Mirror (T2), WB Slits, Pinhole Aperture, Differential Pump, FEV, A Shutter.

Beamline Controls: Motors, SoftMotors, Scans, User Calculations, User Tools, Tables, Slits, Beamline, EPS, Engineering. **All Stop**

2slit_soft.ui

Slit Slit H

WBS H X-	WBS H X+	WBS H Gap	WBS H Center
mm	mm	mm	mm
-0.46935	0.53085	1.00020	0.03075
-0.46905	0.53095	1.00000	0.03095

Buttons: Calib: Use Set, More STOP, Scan Ld Os Abort, Use Set, Debug

8ida:Slit1Hsize.VAL
 2019-2 standard conditions:
 For 7.35 keV = 0.04 (2D focus)
 For 10.9 keV = 1.00 mm

8ida.ui

Buttons: Beamline, Motors, Tables, Scan, Slits, userCalc, GenericIO, Array, AutoOpen, OPS, Status, Tools, ADC, Gages, Vacuum, DMM, asyn, Digital.

All Stop

4slitGraphic_soft.ui

(Looking upstream)

H SIZE	H CENTER
1.00020	0.03075
1.00000	0.03095
-0.46935	0.53085
-0.46905	0.53095

Buttons: SCAN, STOP

Driver is bad, causes random steps.
Do not leave driver on!
Turn motor on, change size, turn motor off.