

10/05

SSRL  
BL 2-1 M0 SLIT ~~ASSEMBLY~~  
ASSEMBLY

Offset -2.876"  
Rotated -.007 Radian

	X	Y	Z	T/B
211	-9.7806	14.4350	-3.9354	1
212	-9.8247	13.8190	2.2114	2
213	4.1941	13.8130	2.4376	3

SSRL  
BL 2-1 MØ SLIT ASSY.  
LAB DATA

10-19-05  
J.M., L.G.  
Check

(X)

11.500 BAR READING

Ø 7.974

14.417

3.987 RAD

18.394 LOS

11.500 BAR

29.894 = Ø OF FLANGE

-7.067

29.827 = Ø of SLIT

17.000

-12.827 LOS

1) 4.895

1.000

5.895

12.827

-6.932

2) 4.894

1.000

5.894

12.827

-6.933

3) 14.520 (2-3)

1.500

14.020

6.933

+7.087

SET HORIZ SLIT - .067 to  
FLANGE

SSRL  
B-L 2-1 MØ SLIT ASS'Y.  
LAB DATA

10-19-05  
J.M., L.G.

Y

$$\begin{array}{r} 39.996 \\ 21.788 = \cancel{4} \\ \hline +18.208 \end{array}$$

$$\begin{array}{r} 1) \ 2.773 \\ 1.000 \\ \hline 3.773 \\ \hline +18.208 \end{array}$$

$$\boxed{+14.435}$$

$$\begin{array}{r} 2) \ 3.389 \\ 1.000 \\ \hline 4.389 \\ \hline +18.208 \end{array}$$

$$\boxed{+13.819}$$

$$\begin{array}{r} 3) \ 3.395 \\ 1.000 \\ \hline 4.395 \\ \hline +18.208 \end{array}$$

$$\boxed{+13.813}$$

SSRL  
BL 2-1 M $\phi$  SLIT ASSY.  
LAB DATA

10-19-05  
J.M., L.G.

check  
on

(Z)

9.152 DIS FACE OF HORIZ. SLIT  
1250 1/2 BODY  
+ 9.402 LOS

1) 12.289  
1.000  
13.289  
9.402

-3.887

2) 6.142  
1.000  
7.142  
9.402

+2.260

3) 6.014  
1.000  
7.014  
9.402

+2.388

VERTICAL SLIT

(+) 10.428

(-) 10.397

(4.970")

Yaw = 1006"/in

ESRL  
BL 2  
SETTING SLIT ASSY to MIRROR  
TANK IN CLEAN ROOM

10/28/05  
J.M., L.G.

(Y)

MIR. TANK

A)  $-1.006$   
40  
 $\begin{array}{r} 16.842 \\ 1.000 \\ \hline 17.842 \\ 1.006 \\ \hline 16.836 \end{array}$

B)  $-1.037$   
70  
 $\begin{array}{r} 16.873 \\ 1.000 \\ \hline 17.873 \\ 1.037 \\ \hline 16.836 \end{array}$

C)  $-.999$   
28  
 $\begin{array}{r} 16.834 \\ 1.000 \\ \hline 17.834 \\ 1.999 \\ \hline 14.833 \end{array}$

$\bar{M} = 16.835$

SLIT ASSY

1)  $\begin{array}{r} 16.835 \\ 14.435 \\ \hline 2.400 \\ 1. \\ \hline 1.400 \text{ s/R} \\ 1.400 \\ \hline \boxed{\phi} \end{array}$

2)  $\begin{array}{r} 16.835 \\ 13.819 \\ \hline 3.016 \\ 1. \\ \hline 2.016 \text{ s/R} \\ 2.016 \\ \hline \boxed{\phi} \end{array}$

3)  $\begin{array}{r} 16.835 \\ 13.813 \\ \hline 3.022 \\ 1. \\ \hline 2.022 \text{ s/R} \\ 2.023 \\ \hline \boxed{-001} \end{array}$

SLIT ASSY TANK

1)  $\begin{array}{r} 16.835 \\ +.026 \\ \hline 16.809 \\ 1. \\ \hline 15.809 \text{ s/R} \\ 15.802 \\ \hline \boxed{+007} \end{array}$

2)  $\begin{array}{r} 16.835 \\ +.006 \\ \hline 16.829 \\ 1. \\ \hline 15.829 \text{ s/R} \\ 15.802 \\ \hline \boxed{+027} \end{array}$

5)  $\begin{array}{r} 16.835 \\ +14 \\ \hline 16.835 \\ -.015 \\ \hline 16.850 \\ 1. \\ \hline 15.850 \text{ s/R} \\ 15.850 \\ \hline \boxed{\phi} \end{array}$