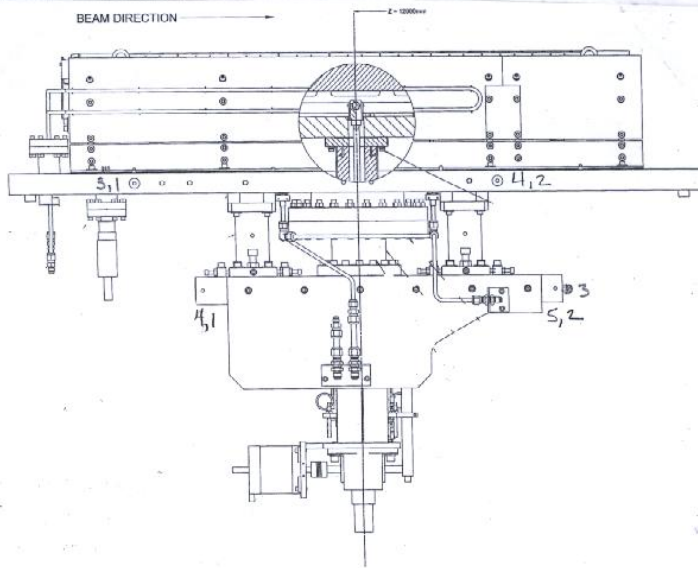


SSRL
BL14-3 MØ MIRROR

8/08



LID

	X	Y	Z
1	9.983	-9.207	-16.013
2	9.977	-9.210	9.987
3	-9.996	-9.214	-16.004
4	-9.993	-9.215	9.996

TILT PLATE

	X	Y	Z
1	7.942	-16.842	-11.280
2	8.137	-16.860	13.979
3	4.017	-16.883	15.513
4	-0.312	-16.895	-11.202
5	-0.117	-16.933	14.030

⊗

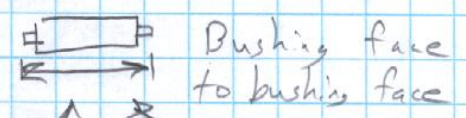
Buck-in SSRL
BL 14-3 MO MIRROR
LAB DATA

8-5-08
B.R., HI

FAR D/S Powell 0.062 $\phi = 0.125$
 NEAR D/S Powell 0.062
 1st F 34.510 +1
 1st N 33.826 +1
 2nd F 31.000 +1
 2nd N 31.292 +1
 SIR F 33.050 - 1 33.019
 SIR N 33.050 - 1 33.019
 LOS 33.112 33.081

LID

LOS = 33.081



	①	②	③	④
LOS	33.081	33.081	TR VAL	9.983
READ	22.098	22.104	DIST 1 → 3	17.979
	10.983	10.977	S/T	-7.996
FT	1	1	-TB H ₂ (2x)	2.000
VAL	<u>+9.983</u>	<u>+9.977</u>	VAL	<u>-9.996</u>
				<u>2</u>
				<u>209</u>
				9.977
				17.970
				-7.993
				2.000
				<u>-9.993</u>

✓ 2nd
8/08

SSRL
BL14-3 MIRROR

8-5-08
B.R., L.G.

(X) 33,081 LOS

36mm = 1.417 / z = .709 ✓

LAB DATA MIRROR

8mR YAW x 39.370

.315 Δ x / z =
.157" ✓

$$\begin{array}{r}
 u(s) \ 33.081 \\
 \quad 3.780 \\
 \hline
 29.301 \\
 \quad .157 \\
 \hline
 29.458 \checkmark \\
 \quad .709 \text{ } \frac{1}{2} \text{ MIRROR} \\
 \hline
 28.749 \text{ } \frac{3}{2} \\
 \quad 28.746 \\
 \hline
 \boxed{+.003}
 \end{array}$$

$$\begin{array}{r}
 D(s) \ 33.081 \\
 \quad 3.780 \text{ } 96\text{mm } \& \text{ MIRROR} \\
 \hline
 29.301 \\
 \quad .157 \text{ YAW} \\
 \hline
 29.144 \\
 \quad .709 \\
 \hline
 28.435 \\
 \quad ? \ 24.445 \\
 \hline
 \boxed{-1.010}
 \end{array}$$

6.254
K = 13mR

$$\begin{array}{r}
 1) \ 24.139 \\
 \quad 1. \text{---} \\
 \hline
 25.139 \\
 33.081 \\
 \hline
 \boxed{+7.942} \checkmark
 \end{array}$$

$$\begin{array}{r}
 2) \ 23.944 \\
 \quad 1. \text{---} \\
 \hline
 24.944 \\
 33.081 \\
 \hline
 \boxed{+8.137} \checkmark
 \end{array}$$

$$\begin{array}{r}
 3) \ 28.064 \\
 \quad 1. \text{---} \\
 \hline
 29.064 \\
 33.081 \\
 \hline
 \boxed{+4.017} \checkmark
 \end{array}$$

$$\begin{array}{r}
 4) \ 7.942 \\
 \quad 8.254 \\
 \hline
 \boxed{-.312} \checkmark
 \end{array}$$

$$\begin{array}{r}
 5) \ 8.137 \\
 \quad 8.254 \text{ } \& \text{ } \tau/02 \ \& \ \tau/0 \\
 \hline
 \boxed{-.117} \checkmark
 \end{array}$$

LG
8-6-08

SSRL
BL 14-3 Mirror

SAUG2008
B. Rutledge
H. Imfeld

LAB DATA

④

Level	Frame
Read	13.860
O/S	-39.000 (top of foot)
S/T	<u>51.860</u>
VAL	<u>(-39.500)</u>
HI	<u>12.360</u> ✓

✓ 28
8/6/08

Can	Lid			
	<u>U/S +X</u>	<u>D/S +X</u>	<u>U/S -X</u>	<u>D/S -X</u>
HI	12.360			
VAL	<u>(-8.410)</u>			
S/T	<u>20.770</u> ✓	<u>20.770</u> ✓	<u>20.770</u> ✓	<u>20.770</u> ✓
FT	<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>
S/R	<u>19.770</u>	<u>19.770</u>	<u>19.770</u>	<u>19.770</u>
SET	19.770	19.770	19.770	19.770

Mirror

	<u>U/S +X</u>	<u>D/S +X</u>	<u>U/S -X</u>	<u>D/S -X</u>
HI	12.360	12.360	12.360	12.360
VAL	<u>0</u>			
S/R	<u>12.360</u>	<u>12.360</u>	<u>12.360</u>	<u>12.360</u>
	<u>12.430</u>	<u>12.394</u>	<u>12.420</u>	<u>12.399</u>
	17	25	11	20
	425	408	418	396
	24	408	417	400
	40	05	28	96
	24	06	418	96
	25	20	19	14
	25	28	25	28
	26	27	26	27
SET	<u>12.426</u> <u>-066</u> ✓	<u>12.427</u> <u>-067</u> ✓	<u>12.426</u> <u>-066</u> ✓	<u>12.427</u> <u>-067</u> ✓
	421	423	422	423

SSRL
BL 14-3 MIRROR

8-5-08
HI, B.R

LAB DATA

12.360 HI LID

1) 20.567 READ 1. — FT <u>21.567</u> 12.360 <u>-9.207</u> ✓	2) 20.570 1. — <u>21.570</u> 12.360 <u>-9.210</u> ✓	3) 20.574 1. — <u>21.574</u> 12.360 <u>-9.214</u> ✓	4) 20.575 1. — <u>21.575</u> 12.360 <u>-9.215</u> ✓
---	---	---	---

1) 10.780 READ 1. — FT <u>11.780</u> -9.207 VAL <u>-20.987</u> ✓	2) 10.781 1. — <u>11.781</u> -9.210 <u>-20.991</u> ✓
--	--

$\bar{M} = -20.989$ HI

MIRROR SET -.066 to LI

TILT PLATE

1) +3.081 1. — <u>+4.081</u> -20.989 <u>-16.908</u> .066 <u>-16.842</u> ✓	2) +3.063 1. — <u>+4.063</u> -20.989 <u>-16.926</u> .066 <u>-16.860</u> ✓	3) +3.040 1. — <u>+4.040</u> -20.989 <u>-16.949</u> .066 <u>-16.883</u> ✓	4) +3.028 1. — <u>+4.028</u> -20.989 <u>-16.961</u> .066 <u>-16.895</u> ✓
5) -2.990 1. — <u>+3.990</u> -20.989 <u>-16.999</u> .066 <u>-16.933</u> ✓			

FG
8-6-08

SSRL
BL 14-3 MØ MIRROR
RESET CHIN GAURD

8-6-08
B.R., H.I., L.S.

(Y)

MIRROR

u/s) 12.423

-) 12.423

C.G. 12.418 s/r

+) 12.418

$\left[\begin{array}{c} \ominus \end{array} \right]$

-) 12.417

$\left[\begin{array}{c} +.001 \end{array} \right]$

SSRL

8-5-08
B.R., L.G.

BL. 14-3 MØ MIRROR
LAB DATA

(Z)

Lid 49.760"

25.250 BushL .750

Mirror 39.370"

10.649

19.685 1/2 min. ✓

+ 30.334 LOS ✓

MIRROR

1) 24.759 (INSIDE T/BS (1-2) 30.334

1500
25.259
13.979

-11.280 ✓

2) 30.334

15.355
14.979

13.979 ✓

3) 30.334

13.821
10.513

15.513 ✓

4) 6.536

35.000
41.536
30.334 ✓

-11.202 ✓

5) 30.334

15.304
15.030

14.030 ✓

LID (FLANGE)

D/SEND 4.444

1. —
5.444

24.880 1/2 min ✓

+ 30.324 LOS ✓

25.250 INSIDE BUSHINGS

.750 Ø BUSHING
26.000 24

9.799

1) 25.250

.750
26.000
9.987

-16.013 ✓

2) 30.324

9.808
20.516
10.529

+9.987 ✓

3) 26.000

9.996

-16.004 ✓

4) 9.799

10.529 offset ft

20.328
30.324 LOS

+9.996 ✓

FB 8-6-08