

SSRL B/L 5 SUMMARY

5/18/04
J.M., H.I., L.G.

MIRROR MASK

	X	Y
A)	-0.002	0
B)	—	0

MIRROR PLATE

	X	Y	Z
A)	+0.001	-0.001	—
B)	+0.004	-0.001	+0.001

SLIT

	X	Y	Z
1)		+0.007	—
2)		+0.007	—
3)		+0.002	—
4)		+0.013	—
5)	+0.002	+0.010	-0.122 @ 17.9927M
6)		+0.010	—

IN VAC. COLLIMATOR

T/B's	X	Y
u/s)	-0.053	+0.012
D/S)	-0.065	+0.011

GRATING ROTATION AXIS

T/B's	X	Y	Z
(+)	—	-0.004	-0.002
(-)	—	-0.008	-0.009

GRATING TANK

Pitch	X	Y
	+0.023	
u/s)	+0.010	
D/S)	+0.003	

ZERO ORDER BAFFLE

	Y
(+)	0
-	-0.002

④

SSRL B/L 5
GRATING TANK
ZERO ORDER BAFFLE ASSEM.

5/17/05
J.M., L.G.
H.I.

check
5-17-4
DM

27.326 HZ
26.715 REF

$\sqrt{\quad} - 1611 = B/L$

13.919 to Bot of ZERO ORDER B.A.

$\sqrt{\quad} 13.308 \text{ S/R}$

(+)

(-)

$\boxed{\emptyset}$

$\boxed{-002}$

SSRL BLS
GRATING ROTATION AXIS

5/16/04

J.M., H.I., L.G.

check
5-17
4M

(X) -29.528 LOS (175M)

FLANGES

u/s) 29.528
1.325 RAD

d/s) 28.203 s/r
28.206

28.203 s/r
28.213

+003

+010

(Z) +826.772 LOS (21M)

T/B'S INSIDE TANK

± 15

± 8

(+) 826.772
789.865 VAR

(-) 15.680
1.008

36.907

15.688 s/r

21.227

15.697

15.680 s/r

-009

.015 stop

15.695 s/r

15.697

-002

Y

HBL6830

10.939

57.750

68.489

-41.363 EL.

27.326 HI

SSRL B/L 5
ROTATION AXIS
GRATING

Check
5-17-04
5-

5/17/04
J.M., H.I., L.G.

Roll
T/B'S INSIDE TANK

±.010
(L) 27.326

13.930

13.388

1. —

12.388

.010

12.398 5/12

12.402

-004

±.008 (SLOP IN T/B'S)
(R) 27.326

13.938 VAL.

13.388

1. —

12.388

.008 1/2 PLAY IN T/B

12.396 5/12

12.404

-1.008

PITCH
FLANGES (LARGE)

u/s) 7.376

d/s) 3.343

SSRL B/L S
GRATING TANK

5/13/04

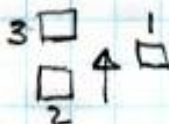
J.M., H.I., L.G.

(Y)

check
5/13/04

$$\begin{array}{r}
 10.976 \\
 57.750 \\
 \hline
 68.726 \\
 -41.363 \text{ HBL 6830} \\
 \hline
 27.363
 \end{array}
 \qquad
 \begin{array}{r}
 11.192 \\
 57.750 \\
 \hline
 68.942 \\
 -41.587 \text{ HBL 5815} \\
 \hline
 27.355
 \end{array}$$

$A = 27.359$



STAND FEET

$$\begin{array}{r}
 10.174 \\
 1) 27.363 \\
 39.640 \\
 \hline
 67.003 \\
 57. \text{ --- Rod} \\
 \hline
 10.003 \text{ S/R} \\
 12.174 \\
 9.993 \\
 \hline
 \boxed{+010}
 \end{array}$$

$$\begin{array}{r}
 2) 10.003 \text{ S/R} \\
 10.557 \\
 10.088 \\
 10.005 \\
 \hline
 \boxed{-002}
 \end{array}$$

$$\begin{array}{r}
 3) 10.003 \text{ S/R} \\
 10.833 \\
 10.039 \\
 10.030 \\
 \hline
 \boxed{-027}
 \end{array}$$

2.382

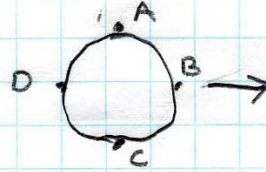
④ 27,326 HI

SSRL B/L 5
GRATING TANK
AS BUILT T/B's

5/17/04

J.M., H.I

check
5-17-
JM



A) 2.336 1.000 3.336 27.326 +23,990	B) 2.338 1.000 3.338 27.326 +23,988	C) 2.362 1.000 3.362 27.326 +23,964	D) 2.367 1.000 3.367 27.326 +23,959
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⑤ -29,528 LOS

B) 28.615 1. — 29.615 29.528 -.087	C) 12.819 29.528 -16.709	D) 28.540 1.000 29.540 29.528 +0.012
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⑥ +826,772 LOS

A) 36.031 1. — 37.031 826.772 +789.741	B) 20.206 1. — 21.206 826.772 +805.566	C) 35.939 1.000 36.939 826.772 +789.833
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