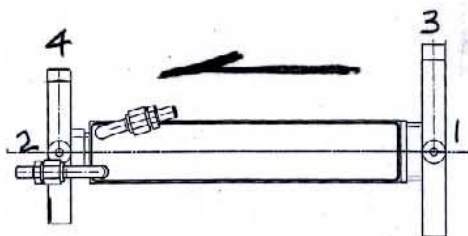


SSRL

2-19-08

BL 4-1 1<sup>ST</sup> PIVOT MASK

J.M., L.G.



LAB DATA

	X	Y	Z
1	- .023	+4.569	+10.747
2	- .049	+3.787	+1.335
3	-4.475	+ .068	-10.733
4	-3.801	+ .009	+1.315

SSRL

3/08

BL4-1 1st PIVOT MASK

Job Description:

Report Units: inches, radians

Job File: C:\Documents and Settings\levirt\My Documents\My Documents\SSRL 2008\BL4-1

Job Date: Wednesday, February 20, 2008 02:27:14 PM

Report Frame: PART

---

BL41USPM1	-4.008	5.279	664.056
BL41USPM2	-4.106	4.497	676.138
BL41USPM3	-8.460	0.778	664.043
BL41USPM4	-7.858	0.719	676.095
BL41USPMM	-4.049	0.710	674.803

X

Y

Z

YAWED 7.006 RAD  
TRANSLATED  
X = -4.049"  
Y = .710"  
Z = 674.803"

Report Date: Friday, March 07, 2008 11:34:16 AM

FARO Insight 5.0.5

Page 1

(X)

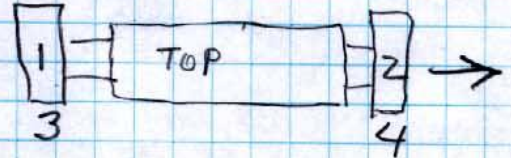
# SSRL BL 4-1 1<sup>ST</sup> PIVOT MASK

1-31-08  
J.M., B.R., L.G.

Body  
u(s) .997  
D(s) .997

Body  
1.994

BOT u(s) 23.373



1994

23.461  
23.453  
22.000  
22.152

23.388 s/r  
23.388 s/r

+ 24.385 WS

T/B's

$$\begin{array}{r}
 1) \ 23.408 \\
 \quad 1.000 \\
 \hline
 24.408 \\
 24.385 \\
 \hline
 \boxed{-0.023}
 \end{array}$$

$$\begin{array}{r}
 2) \ 23.434 \\
 \quad 1.000 \\
 \hline
 24.434 \\
 24.385 \\
 \hline
 \boxed{-0.049}
 \end{array}$$

$$\begin{array}{r}
 3) \ 19.989 \\
 \quad 8.871 \\
 \hline
 28.860 \\
 24.385 \\
 \hline
 \boxed{-4.475}
 \end{array}$$

$$\begin{array}{r}
 4) \ 19.315 \\
 \quad 8.871 \\
 \hline
 28.186 \\
 24.385 \\
 \hline
 \boxed{-3.801}
 \end{array}$$



SSRL

1-31-08

BL 4-1 1<sup>st</sup> PIVOT MASK

J.M., L.G.

(Z)

-11.130 u/s FL. FACE FROM APERTURE

$$\begin{array}{r}
 6.623 \\
 \hline
 -11.130 \\
 \hline
 -17.753 \text{ LOS}
 \end{array}$$

1) 6.006

$$\begin{array}{r}
 1.000 \\
 \hline
 6.006 \\
 \hline
 17.753
 \end{array}$$

$$\boxed{-10.747}$$

2) 18.088

$$\begin{array}{r}
 1.000 \\
 \hline
 18.088 \\
 \hline
 17.753
 \end{array}$$

$$\boxed{+1.335}$$

3) 6.020

$$\begin{array}{r}
 1.000 \\
 \hline
 6.020 \\
 \hline
 17.753
 \end{array}$$

$$\boxed{-10.733}$$

4) 18.068

$$\begin{array}{r}
 1.000 \\
 \hline
 18.068 \\
 \hline
 17.753
 \end{array}$$

$$\boxed{+1.315}$$

SSRL  
4-1 First PIVOT MASK

1-31-08

LG, JM

(4)  $1.496 = \text{gap } \frac{1}{2} = 1.748$

u/s Flg opening =  $3.570 \frac{1}{2} = 1.785$

u/s Flg dia =  $5.966 \frac{1}{2} = 2.983$

u/s Body  $3892 \frac{1}{2} = 1.946$

Bot aperture

$\varnothing = \text{Bot Aperture}$      $\varnothing = \text{Top Aperture}$

12.041 Ref BLADE

13.545 Ref BLADE

13.545

$1.504 \text{ gap} = \frac{1}{2} \cdot 752$

$\frac{12.041 + 13.545}{2} = 12.793$   $\varnothing$  ON Ref BLADE

18.540 = Ref BLADE

12.793

5.747 HI

u/s Flg opening

u/s Flg

1.785

5.747

7.532

1.000

6.532

2.983 Flg dia

5.747 HI

2.764 S/R 2.430

2.430 2.983

$\varnothing = \text{TOP}$   
Ref BLADE

13.573

+ .038

6.415 Read

+ .117

u/s Body

1.946

5.747

3.801 S/R

3.477

+ .124