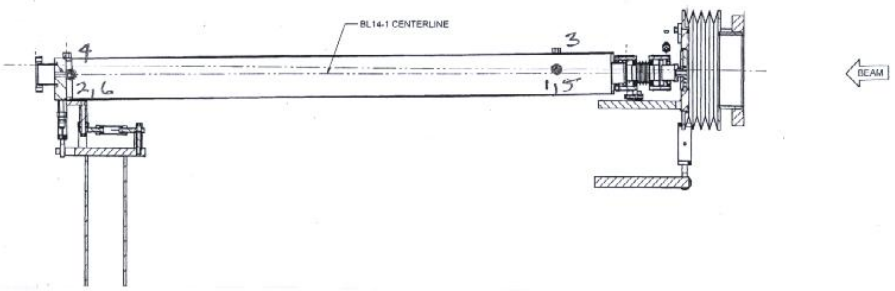
SSRL

6-08

BL 14-1 PIVOT MASK



	X	Y	Z
1	+3.491	-.022	515.279
2	+2.244	+1.797	563.652
3	+.028	+3.495	515.275
4	+.013	+3.472	563.654
5	-3.451	-.036	515.293
6	-2.237	+1.808	563.618

X & Y VALUES TO ℄ OF THE CHAMBER
SEE PRINTOUT FOR FIELD #'S

BL14-1 PIVOT MASK 6-08
FIELD NUMBERS

Job Description:
Report Units: inches, milliradians

Job File: C:\Documents and Settings\levirt\My Documents\My Documents\SSRL 2008\BL14-1
Job Date: Wednesday, February 20, 2008 02:27:14 PM
Report Frame: PART

USFL	-4.081	-0.376	510.164
BL141PV1	-0.631	-0.488	515.305
BL141PV2	-2.266	0.481	563.691
BL141PV3	-4.095	3.029	515.335
BL141PV4	-4.497	2.156	563.705
BL141PV5	-7.573	-0.502	515.263
BL141PV6	-6.746	0.493	563.622
DSAPER	-4.510	-0.877	563.780

SSRL

6-2-08

BL 14-1 PIVOT MASK

J.M., L.G.

(X) U/S INSERT 1.215R
1/2 AP BODY 2.005R
20.000
18.930 19.129 S/R
18.000 18.339 S/R ✓
17.573 20.344 COS

1) 15.853
1.000
16.853
20.344
+3.491

2) 17.100
1.000
18.100
20.344
+2.244

3) 19.316
1.000
20.316
20.344
+.028

4) 19.331
1.000
20.331
20.344
+.013

5) 7.442 (1-5)
.500
6.942
3.491
-3.451

6) 4.981 (2-6)
.500
4.481
2.244
-2.237

1/28

10.000 REF
20.344 COS
30.344 = ℄
.564 1/2 AP
19.780 S/R + SIDE

SSRL
BL 14-1 PIVOT MASK

6-2-08
J.M., L.G.

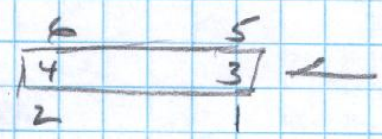
(Y) GUN 1 ℄ ON BOT. OF APERTURE

INSERT.

TOP 5.447

+.197 ½ AP.
5.053
5.250 ℄APER.
(-) .441 to ℄CHAMBER
4.809 ℄ CHAM.

GUN 2 U/S) 2.430
17.581 D/S) 3.608
4.809
12.772 HI



INSERTS

U/S) 12.772
1.215 R
11.557 S/R
11.561
-.0041

D/S) 12.772
1.804 R
10.968
(+).441 OFFSET
10.527 S/R
10.537
-.010

T/BS

VALUES TO ℄ OF THE CHAMBER

1) 11.794
1.000
12.794
12.772
-.022

2) 9.975
1.000
10.975
12.772
+1.797

3) 8.277
1.000
9.277
12.772
+3.495

4) 8.300
1.000
9.300
12.772
+3.472

5) 11.808
1.—
12.808
12.772
-.036

6) 9.964
1.000
10.964
12.772
+1.808

SSRL 6-2-08

BL 14-1 PIVOT MASK

J.M., L.G.

(Z)

563.783 u/s FACE APERTURE
1.125 to D/S FACE
564.908
9.130
574.038 D/S

2) 9.386
1.000
10.386
574.038
563.652

4) 9.384
1.000
10.384
574.038
563.654

6) 9.420
1.000
10.420
574.038
563.618

510.164 u/s FL. FACE
10.946
499.218

1) 15.061
499.218
514.279
1.000
515.279

3) 15.057
1.000
16.057
499.218
515.275

5) 15.075
1.000
16.075
499.218
515.293

Griffin, Levirt

From: Harrington, Daniel
Sent: Tuesday, June 03, 2008 3:28 PM
To: Griffin, Levirt
Subject: BL14-1 pivot mask pitch

Levirt,

The BL14-1 pivot mask is pitch forward 17.57mrad. This pitch should not be set in the field; it is determined by the y location of the upstream flange of the long mask.

Dan

Breakout mask fiducialization data

	X	Y	Z
Breakout mask BL14-1 aperture	4.035	-0.294	504.331
Breakout mask BL14-2 aperture	0.000	0.000	504.331
Breakout mask BL14-3 aperture	4.035	0.834	504.331
Breakout flange BL14-1	-4.045	-0.317	506.999
Breakout flange BL14-2	0.000	0.000	511.937
Breakout flange BL14-3	4.040	0.850	506.550

Pivot mask fiducialization data

BL14-1 pivot mask u/s flange	-4.081	-0.376	510.164
BL14-1 pivot mask aperture	-4.510	-0.877	563.783
BL14-3 pivot mask u/s flange	4.081	0.912	510.068
BL14-3 pivot mask aperture	4.510	0.074	563.737

6/2/08 Dan Hayt