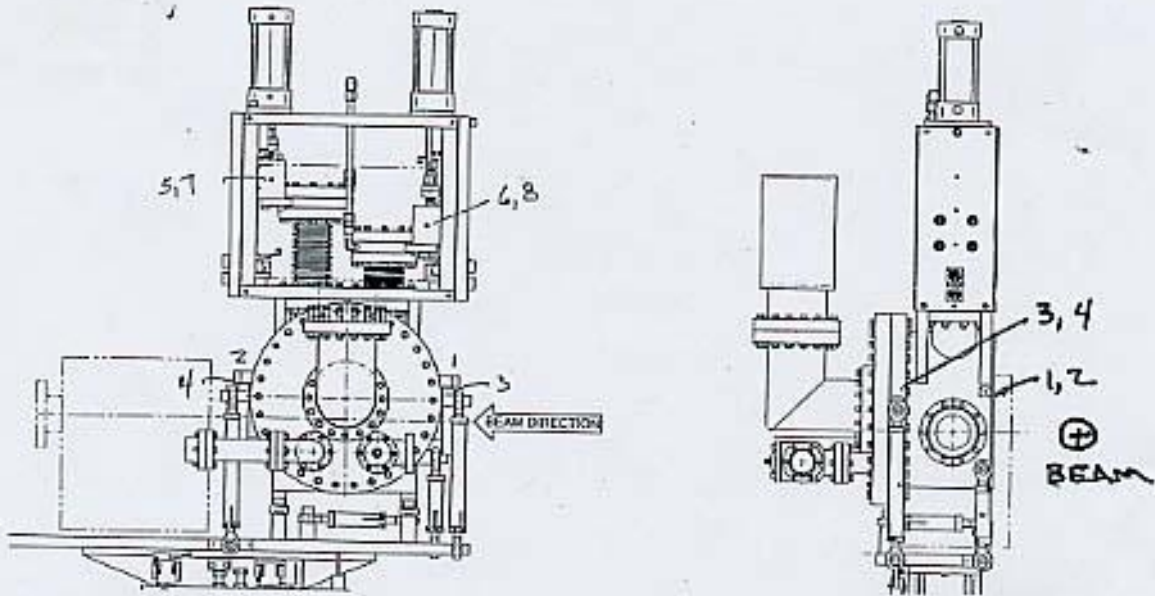


SSRL BL 4-2 HUTCH STOPPER



	X	Y	Z
1	-2.137	+2.843	-8.749
2	-2.149	+2.863	+8.771
3	+3.836	+3.363	-7.016
4	+3.843	+3.373	+7.066
5	-2.960	+13.669	—
6	-2.992	+13.693	—
7	+3.040	+13.664	—
8	+3.018	+13.684	—

5-8 STOPPERS IN BEAM

SSRL
BL4-Z HUTCH STOPPER

4-11-06
J.M., L.G.

(X)⁺ 30.308 WS

check
JM

1) $\begin{array}{r} 31.445 \\ \underline{1.000} \\ 32.445 \\ 30.308 \\ \hline -2.137 \end{array}$	2) $\begin{array}{r} 31.457 \\ \underline{1.000} \\ 32.457 \\ 30.308 \\ \hline -2.149 \end{array}$	3) $\begin{array}{r} 25.472 \\ \underline{1.000} \\ 26.472 \\ 30.308 \\ \hline +3.836 \end{array}$	4) $\begin{array}{r} 25.465 \\ \underline{1.000} \\ 26.465 \\ 30.308 \\ \hline +3.843 \end{array}$
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5) $\begin{array}{r} 6.560 \text{ (5-7)} \\ \underline{1.560} \\ 6.000 \\ 3.040 \\ \hline -2.960 \end{array}$	6) $\begin{array}{r} 6.510 \text{ (6-8)} \\ \underline{1.500} \\ 6.010 \\ 3.018 \\ \hline -2.992 \end{array}$	7) $\begin{array}{r} 26.268 \\ \underline{1.000} \\ 27.268 \\ 30.308 \\ \hline +3.040 \end{array}$	8) $\begin{array}{r} 26.290 \\ \underline{1.000} \\ 27.290 \\ 30.308 \\ \hline +3.018 \end{array}$
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SSRL
BL 4-2 HUTCH STOPPER
LAB DATA

4-11-06
J.M., L.G.

$$\begin{array}{r} \textcircled{Y} \ 3.325 \\ 2.313 R \\ \hline + 5.638 \text{ Hz} \end{array}$$

check

$$\begin{array}{r} 1) \ 1.795 \\ 1.000 \\ \hline 2.795 \\ 5.638 \\ \hline + 2.843 \end{array}$$

$$\begin{array}{r} 2) \ 1.775 \\ 1.000 \\ \hline 2.775 \\ 5.638 \\ \hline + 2.863 \end{array}$$

$$\begin{array}{r} 3) \ 1.275 \\ 1.000 \\ \hline 2.275 \\ 5.638 \\ \hline + 3.363 \end{array}$$

$$\begin{array}{r} 4) \ 1.265 \\ 1.000 \\ \hline 2.265 \\ 5.638 \\ \hline + 3.373 \end{array}$$

$$\begin{array}{r} 9.872 \text{ REF.} \\ 5.638 \\ \hline 4.234 = \text{ } \end{array} \quad \begin{array}{r} 30.107 \\ 4.234 \text{ } \\ \hline 25.873 \text{ Hz} \end{array}$$

$$\begin{array}{r} 5) \ 11.204 \\ 1.000 \\ \hline 12.204 \\ 25.873 \\ \hline + 13.669 \end{array}$$

$$\begin{array}{r} 6) \ 11.180 \\ 1.000 \\ \hline 12.180 \\ 25.873 \\ \hline + 13.693 \end{array}$$

$$\begin{array}{r} 7) \ 11.209 \\ 1.000 \\ \hline 12.209 \\ 25.873 \\ \hline + 13.664 \end{array}$$

$$\begin{array}{r} 8) \ 11.189 \\ 1.000 \\ \hline 12.189 \\ 25.873 \\ \hline + 13.684 \end{array}$$

SSRL
BL 4-2 HUTCH STOPPER

4-11-06
J.M., L.G.

⑦
$$\begin{array}{r} 7,304 \\ 8,240 \\ \hline - 15,544 \text{ COS} \end{array}$$
 u/s FL (CAPPED)

check on

$\begin{array}{r} 1) 5,795 \\ 1,000 \\ \hline 6,795 \\ 15,544 \\ \hline - 8,749 \end{array}$	$\begin{array}{r} 2) 18,020 \\ 1,500 \\ \hline 17,520 \\ 8,749 \\ \hline + 8,771 \end{array}$	$\begin{array}{r} 3) 7,528 \\ 1,000 \\ \hline 8,528 \\ 15,544 \\ \hline - 7,016 \end{array}$	$\begin{array}{r} 4) 14,582 \\ 1,500 \\ \hline 14,082 \\ 7,016 \\ \hline + 7,066 \end{array}$
(1-2)	(2-3)	(3-4)	(3-4)

SSRL 4-11-06
BL4-2 HUTCH STOPPER J.M., L.G.

BRICKS

check $\frac{5}{8}$

Ⓚ +5.638 HF

u/s

Roll

D/s

(+) 5.638

(-) 4.013 s/r

(+) 4.013 s/r

(-) 4.013 s/r

1.625 1/2 BRICK

4.015

4.012

4.012

4.013 s/r

-0.002

+0.01

+0.01

4.025

-0.012

TRAVEL

Ⓚ 27.995

2.313 R.

30.308 LOS

YAW

7) 11.209
3. —

8) 11.189
3. —

8.209 s/r

8.189 s/r

8.175

8.173

+0.014

+0.016

u/s

D/s

u/s) 30.308

D/s) 18.683 s/r

u/s) 18.683

D/s) 18.683 s/r

1.625

18.677

18.681

18.678

28.683

+0.006

+0.002

+0.005

10,000 SPACE

18.683 s/r

18.680

+0.003

PITCH

u/s

D/s

T) ~~0~~ B) +0.003

T) ~~0~~ B) +0.003

SSRL
BL 4-2 HUTCH STOPPER

4-11-06
J.M., L.G.

(Y)
$$\begin{array}{r} 39.770 \\ 1.000 \\ \hline 40.770 \\ 35.000 \\ \hline + 5.770 \text{ HI} \end{array}$$

$$\begin{array}{r} 14.147 \text{ READ ON TOP OF STAND} \\ 8.500 \\ \hline 5.647 \text{ HI} \end{array}$$

TANK FLANGES

u/s)
$$\begin{array}{r} 5.647 \\ 2.313 \text{ R} \\ \hline 3.334 \text{ 5/8} \\ 3.325 \end{array}$$

d/s)
$$\begin{array}{r} 3.334 \text{ 5/8} \\ 3.325 \end{array}$$

(X) 27.995