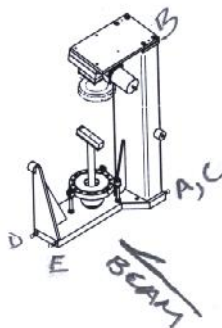


BL 14 BPM
IN COMB MASK ASS'Y TANK



	X	Y	Z
A	-10.806	-11.613	409.193
B	-10.833	+13.710	415.193
C	-10.821	-11.605	412.144
D	—	-11.487	—
E	—	-11.508	—

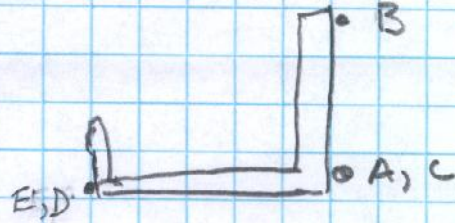
LAB DATA

SSRL
BL14 BPM

7-30-08
M.R., L.G.

(Z) 26.880 u/s END READ
 412.280 VAL. u/s END

 385.400 LOS



<p>A) 22.935 1. — 23.935 385.400 409.335</p>	<p>B) 25.766 1. — 26.766 385.400 412.166</p>	<p>C) 28.935 1. — 29.935 385.400 415.335</p>
---	---	---

CHANGED PITCH USED BAD ΔY

(X) 59.889
 42.213 = Q
 - 17.676 LOS ✓

<p>A) 5.870 1. — 6.870 ✓ 17.676 -10.806 ✓</p>	<p>B) 5.843 1. — 6.843 ✓ 17.676 -10.833 ✓</p>	<p>C) 5.855 1. — 6.855 ✓ 17.676 -10.821 ✓</p>
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LAB
DATA

BL 14

SSRL
BPM

7-30-08
M.R., L.G.

$$\begin{array}{r} \textcircled{Y} \ 20.399 \\ (+) .288 \text{ Top of BPM} \\ \hline + 20.687 \checkmark \text{ HF} \end{array}$$

$$\begin{array}{r} \text{A) } 31.300 \\ \hline 32.300 \checkmark \\ 20.687 \end{array}$$

$$\boxed{-11.613} \checkmark$$

$$\begin{array}{r} \text{B) } 5.977 \\ \hline 6.977 \checkmark \\ 20.687 \end{array}$$

$$\boxed{+13.710} \checkmark$$

$$\begin{array}{r} \text{C) } 31.292 \\ \hline 32.292 \checkmark \\ 20.687 \end{array}$$

$$\boxed{-11.605} \checkmark$$

$$\begin{array}{r} \text{D) } 31.174 \\ \hline 32.174 \checkmark \\ 20.687 \end{array}$$

$$\boxed{-11.487} \checkmark$$

$$\begin{array}{r} \text{E) } 31.195 \\ \hline 32.195 \checkmark \\ 20.687 \end{array}$$

$$\boxed{-11.508} \checkmark$$

BL14 MØ BPM

8-4-08
MR, FG

Y) HI = 22.086

$$\begin{array}{r}
 \text{A) } 22.086 \\
 - 11.613 \\
 \hline
 33.699 \\
 \hline
 1 \\
 \hline
 \text{slr } 32.699 \\
 32.700 - 1
 \end{array}$$

$$\begin{array}{r}
 \text{C) } 22.086 \\
 - 11.605 \\
 \hline
 33.691 \\
 \hline
 1 \\
 \hline
 32.691 \\
 32.695 - 4
 \end{array}$$

$$\begin{array}{r}
 \text{D) } 22.086 \\
 - 11.487 \\
 \hline
 33.573 \\
 \hline
 1 \\
 \hline
 32.573 \\
 32.574 - 1
 \end{array}$$

$$\begin{array}{r}
 \text{X) } 42.213 \\
 \hline
 60.257 \\
 \hline
 \text{LOS } -18.044
 \end{array}$$

$$\begin{array}{r}
 \text{A) } 18.044 \\
 \hline
 10.806 \\
 \hline
 7.238 \\
 \hline
 1 \\
 \hline
 \text{slr } 6.238 \\
 6.240 + 2 \\
 6.238 \phi
 \end{array}$$

$$\begin{array}{r}
 \text{C) } 18.044 \\
 \hline
 10.821 \\
 \hline
 7.223 \\
 \hline
 1 \\
 \hline
 6.223 \\
 6.215 - 8 \\
 6.221 - 2
 \end{array}$$

Z) New Values for z

$$\begin{array}{r}
 412.181 \\
 \hline
 385.409 \text{ LOS}
 \end{array}$$

$$\begin{array}{r}
 \text{A) } 22.784 \\
 \hline
 1 \\
 \hline
 23.784 \\
 385.409 \\
 \hline
 \boxed{409.193}
 \end{array}$$

$$\begin{array}{r}
 \text{B) } 28.784 \\
 \hline
 1 \\
 \hline
 29.784 \\
 385.409 \\
 \hline
 \boxed{415.193}
 \end{array}$$

$$\begin{array}{r}
 \text{C) } 25.735 \\
 \hline
 1 \\
 \hline
 26.735 \\
 385.409 \\
 \hline
 \boxed{412.144}
 \end{array}$$

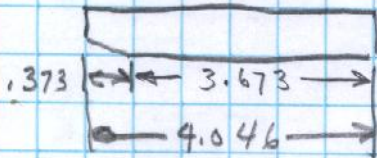
7-30-08
M.R., L.G.

SSRL

BL14 BPM

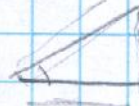
① 61.563 TOP OF FRAME
 1.750 to BOTTOM OF FRAME
 62.313 ✓
 41.625
 20.688 HI ✓

20.688
 61.563
 40.875 ELV. TOF ✓
 + 1.288 Top OF BPM
 41.163 S/R to TOP OF BPM
 41.180
 - .017 S/R ✓



$3.673 \times \sin 10^\circ = .648'' = \Delta Y$

+ .017
 .648 ΔY
 665 S/R to U/S END OF BPM
 .017
 .638
 655
 660



② +16.500 (+) SIDE OF FRAME
 +16.500
 8.000
 7.938
 5.000
 5.587
 7.713 S/R
 7.713 S/R
 + 24.213 LOS ✓

18.000 REF. -1.657 ϕ MASK
 24.213 .440 1/2 MASK
 42.213 = ϕ -1.217 (+) SIDE OF MASK
 40.000 BUCKING
 2.213 LOS ✓
 (-) 1.217 (+) SIDE
 3.430 ϕ CENTER

$3.673 \times \cos 10^\circ = 3.617''$

$3.617 \times .004 MR = .014''$

$.014 / 2 = .007''$

U/S) 3.430
 .007
 3.423 S/R ✓

D/S) 3.430
 .007 ✓
 3.437 S/R