

MMF

Undulator 22  
Date 3-23-09  
Crew MG MR

PM Checks

"X"

LOS

PM4

X1)  
BUCK IN

Y1) 32.458

Y2) 32.462

\_\_\_\_\_

1  
33.458

1  
33.462

0

29.861  
-3.597

29.861  
-3.601

PM3

X1) 30.743

Y1) 34.337

Y2) 34.337

1  
31.743

1  
35.337

1  
35.337

29.861  
-1.882

29.861  
-5.476

29.861  
-5.476

PM2

X1) 30.742

Y1) 34.338

Y2) 34.337

1  
31.742

1  
35.338

1  
35.337

29.861  
-1.881

29.861  
-5.477

29.861  
-5.476

PM1

X1)  
BUCK IN

Y1) 32.461

Y2) 32.460

\_\_\_\_\_

1  
33.461

1  
33.460

0

29.861  
-3.600

29.861  
-3.599

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PM Checks

"Y"

Avg. PM4Y1 & PM1Y1 = HI

PM4Y1) 6.005  
    1. —  
    ————  
    7.005

PM1Y1) 6.009  
    1. —  
    ————  
    7.009

7.007 HI

PM4

Y1) 6.005  
    1. —  
    ————  
    7.005  
    7.007

-0.002

X1) 9.612  
    1. —  
    ————  
    10.612  
    7.007

-3.605

PM3

Y2) 6.005  
    1. —  
    ————  
    7.005  
    7.007

+0.002

X1) 9.607  
    1. —  
    ————  
    10.607  
    7.007

-3.600

PM2

Y1) 6.009  
    1. —  
    ————  
    7.009  
    7.007

-0.002

X1) 9.609  
    1. —  
    ————  
    10.609  
    7.007

-3.602

PM1

Y1) 6.009  
    1. —  
    ————  
    7.009  
    7.007

-0.002

X1) 9.610  
    1. —  
    ————  
    10.610  
    7.007

-3.603

TOP OF GAGE BLOCK

11.406

7.007

4.399

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"X"

PM Checks

BUCKIN

F Value PM1X1) 0

N Value PM4X1) 0

F 35- +1

N 30.552 +1

F 27- +1

N 28.343 +1

F S/R 29.861 -1

N S/R 29.861 -1

LOS 29.861

Undulator

1) 34.347

1  
35.347

29.861  
-5.486

2) 34.344

1  
35.344

29.861  
-5.483

3) 34.339

1  
35.339

29.861  
-5.478

4) 34.342

1  
35.342

29.861  
-5.481

5) 24.562

1  
25.562

29.861  
+4.299

6) 24.563

1  
25.563

29.861  
+4.298

7) 24.563

1  
25.563

29.861  
+4.298

8) 24.566

1  
25.566

29.861  
+4.298

Ref. Block

A) 35.895

1  
36.895

29.861  
-7.034

B) 31.358

1  
32.358

29.861  
-2.497

C) 29.602

1  
30.602

29.861  
-0.741

D) 29.602

1  
30.602

29.861  
-0.741

MMF

Undulator 22  
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PM Checks

"Y" \_\_\_\_\_ HI

Undulator

$$\begin{array}{r} 1) \ 2.523 \\ \underline{1.} \\ \checkmark 3.523 \\ 7.007 \\ \hline \checkmark +3.484 \end{array}$$

$$\begin{array}{r} 2) \ 2.528 \\ \underline{1.} \\ \checkmark 3.528 \\ 7.007 \\ \hline \checkmark +3.479 \end{array}$$

$$\begin{array}{r} 3) \ 2.527 \\ \underline{1.} \\ \checkmark 3.527 \\ 7.007 \\ \hline \checkmark +3.480 \end{array}$$

$$\begin{array}{r} 4) \ 2.523 \\ \underline{1.} \\ \checkmark 3.523 \\ 7.007 \\ \hline \checkmark +3.484 \end{array}$$

$$\begin{array}{r} 5) \ 9.604 \\ \underline{1.} \\ \checkmark 10.604 \\ 7.007 \\ \hline \checkmark -3.597 \end{array}$$

$$\begin{array}{r} 6) \ 9.605 \\ \underline{1.} \\ \checkmark 10.605 \\ 7.007 \\ \hline \checkmark -3.598 \end{array}$$

$$\begin{array}{r} 7) \ 9.608 \\ \underline{1.} \\ \checkmark 10.608 \\ 7.007 \\ \hline \checkmark -3.601 \end{array}$$

$$\begin{array}{r} 8) \ 9.606 \\ \underline{1.} \\ \checkmark 10.606 \\ 7.007 \\ \hline \checkmark -3.599 \end{array}$$

Ref. Block

$$\begin{array}{r} A) \ 6.243 \\ \underline{1.} \\ \checkmark 7.243 \\ 7.007 \\ \hline \checkmark -0.236 \end{array}$$

B) \_\_\_\_\_  
\_\_\_\_\_

$$\begin{array}{r} C) \ 8.389 \\ \underline{1.} \\ \checkmark 9.389 \\ 7.007 \\ \hline \checkmark -2.382 \end{array}$$

$$\begin{array}{r} D) \ 11.468 \\ \underline{1.} \\ \checkmark 12.468 \\ 7.007 \\ \hline \checkmark -5.461 \end{array}$$

Flats

U/S

D/S

$$\begin{array}{r} (+) \ 5.286 \\ 7.007 \\ \hline \checkmark +1.721 \end{array}$$

$$\begin{array}{r} (-) \ 5.287 \\ 7.007 \\ \hline \checkmark +1.720 \end{array}$$

$$\begin{array}{r} (+) \ 5.290 \\ 7.007 \\ \hline \checkmark +1.717 \end{array}$$

$$\begin{array}{r} (-) \ 5.291 \\ 7.007 \\ \hline \checkmark +1.716 \end{array}$$

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PM Checks

"X"

PROBE

BUCKIN

Tagets on stand and far wall = - 5.470"

-5.470 LOS

+0.021 MIC TO + EDGE

✓ 5.449

-0.039 TO SENSOR

✓ 5.488 PROBE LOC.