

MMF

Undulator 39
Date 1-16-09
Crew BR MR
"X"

PM Checks

BUCKIN

F Value PM1X1) 0
N Value PM4X1) 0
F 23.900+1
N 24.747+1
F 31.000+1
N 26.752+1
F S/R 26.080-1
N S/R 26.080-1
LOS 26.080

Undulator

1) 30.573
1. —
31.573
26.080
-5.493

2) 30.568
1. —
31.568
26.080
-5.488

3) 30.567
1. —
31.567
26.080
-5.487

4) 30.568
1. —
31.568
26.080
-5.488

5) 20.787
1. —
21.787
26.080
4.293

6) 20.788
1. —
21.788
26.080
4.292

7) 20.787
1. —
21.787
26.080
4.293

8) 20.787
1. —
21.787
26.080
4.293

Ref. Block

A) 32.116
1. —
33.116
26.080
-7.036

B) 27.583
1. —
28.583
26.080
-2.503

C) 25.823
1. —
26.823
26.080
-0.743

D) 25.823
1. —
26.823
26.080
-0.743

✓BR

MMF

Undulator 39
Date 1-16-09
Crew BR MR

PM Checks

"Y" 8.764 HI

Undulator

$$\begin{array}{r} 1) 4.293 \\ \underline{1.} \\ 5.293 \\ 8.764 \\ \hline 3.471 \end{array}$$

$$\begin{array}{r} 2) 4.290 \\ \underline{1.} \\ 5.290 \\ 8.764 \\ \hline 3.474 \end{array}$$

$$\begin{array}{r} 3) 4.292 \\ \underline{1.} \\ 5.292 \\ 8.764 \\ \hline 3.472 \end{array}$$

$$\begin{array}{r} 4) 4.289 \\ \underline{1.} \\ 5.289 \\ 8.764 \\ \hline 3.475 \end{array}$$

$$\begin{array}{r} 5) 11.363 \\ \underline{1.} \\ 12.363 \\ 8.764 \\ \hline -3.599 \end{array}$$

$$\begin{array}{r} 6) 11.367 \\ \underline{1.} \\ 12.367 \\ 8.764 \\ \hline -3.603 \end{array}$$

$$\begin{array}{r} 7) 11.367 \\ \underline{1.} \\ 12.367 \\ 8.764 \\ \hline -3.603 \end{array}$$

$$\begin{array}{r} 8) 11.367 \\ \underline{1.} \\ 12.367 \\ 8.764 \\ \hline -3.603 \end{array}$$

Ref. Block

$$\begin{array}{r} A) 8.006 \\ \underline{1.} \\ 9.006 \\ 8.764 \\ \hline -0.242 \end{array}$$

B) ~~XXXXXXXXXX~~

$$\begin{array}{r} C) 10.152 \\ \underline{1.} \\ 11.152 \\ 8.764 \\ \hline -2.388 \end{array}$$

$$\begin{array}{r} D) 13.233 \\ \underline{1.} \\ 14.233 \\ 8.764 \\ \hline -5.469 \end{array}$$

Flats

U/S

D/S

$$\begin{array}{r} (+) 7.051 \\ 8.764 \\ \hline 1.713 \end{array}$$

$$\begin{array}{r} (-) 7.051 \\ 8.764 \\ \hline 1.713 \end{array}$$

$$\begin{array}{r} (+) 7.051 \\ 8.764 \\ \hline 1.713 \end{array}$$

$$\begin{array}{r} (-) 7.051 \\ 8.764 \\ \hline 1.713 \end{array}$$

✓BR

Undulator 39
Date 1-16-09
Crew BR MR

MMF

PM Checks

"X"

26.080 LOS

X1)
BUCK IN

0

~~PM4~~ 1

Y1) ⁶³¹
28.673
1.
29.673
26.080

-3.593

Y2)
28.688
1.
29.688
26.080

-3.608

~~PM5~~ 2⁵⁵¹

X1) 26.968
1.
27.968
26.080

-1.888

Y1) 30.563
1.
31.563
26.080

-5.483

Y2) 30.568
1.
31.568
26.080

-5.488

30.560

~~PM2~~ 3

X1) 26.969
1.
27.969
26.080

-1.889

Y1) 30.560
1.
31.560
26.080

-5.480

Y2) 30.563
1.
31.563
26.080

-5.483

~~PM1~~ 4

X1)
BUCK IN

0

Y1) 28.681
1.
29.681
26.080

-3.601

Y2) 28.686
1.
29.686
26.080

-3.606

✓ 1002

MMF

Undulator 39
Date 1-16-09
Crew BR MR

PM Checks

"Y"

Avg. PM4Y1 & PM1Y1 = HI

PM4Y1)

PM1Y1)

$$\begin{array}{r} 7.764 \\ 1. \\ \hline 8.764 \end{array}$$

$$\begin{array}{r} 7.764 \\ 1. \\ \hline 8.764 \end{array}$$

8.764 HI

PM4

PM3

Y1)

$$\begin{array}{r} 7.764 \\ 1. \\ \hline 8.764 \\ 8.764 \end{array}$$

X1)

$$\begin{array}{r} 11.375 \\ 1. \\ \hline 12.375 \\ 8.764 \end{array}$$

Y2)

$$\begin{array}{r} 7.770 \\ 1. \\ \hline 8.770 \\ 8.764 \end{array}$$

X1)

$$\begin{array}{r} 11.372 \\ 1. \\ \hline 12.372 \\ 8.764 \end{array}$$

\emptyset

-3.611

-0.006

-3.608

PM2

PM1

Y1)

$$\begin{array}{r} 7.770 \\ 1. \\ \hline 8.770 \\ 8.764 \end{array}$$

X1)

$$\begin{array}{r} 11.370 \\ 1. \\ \hline 12.370 \\ 8.764 \end{array}$$

Y1)

$$\begin{array}{r} 7.764 \\ 1. \\ \hline 8.764 \\ 8.764 \end{array}$$

X1)

$$\begin{array}{r} 11.373 \\ 1. \\ \hline 12.373 \\ 8.764 \end{array}$$

-0.006

-3.606

\emptyset

-3.609

TOP OF GAGE BLOCK

$$\begin{array}{r} 13.168 \\ 8.764 \\ \hline -4.404 \end{array}$$

✓ BR2

MMF

Undulator 39
Date 1-16-09
Crew BR MR

PM Checks

"X"

PROBE

BUCKIN

Tagets on stand and far wall = - 5.470"

-5.470 LOS
0.019 MIC TO + EDGE
-5.451
-0.039 TO SENSOR
- 5.490 PROBE LOC.

✓ BR MR