

Undulator SN10  
Date 4-6-09  
Crew J.M., L.G.

MMF

PM Checks

"X"  
+28.462 LOS

PM4

X1) BUCK IN  

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0

Y1) 31.062  
1 —  

---

32.062  
28.462  

-3.600

Y2) 31.064  
1 —  

---

32.064  
28.462  

-3.602

PM3

X1) 29.343  
1 —  

---

30.343  
28.462  

-1.881

Y1) 32.939  
1 —  

---

33.939  
28.462  

-5.477

Y2) 32.941  
1 —  

---

33.941  
28.462  

-5.479

PM2

X1) 29.339  
1 —  

---

30.339  
28.462  

-1.877

Y1) 32.935  
1 —  

---

33.935  
28.462  

-5.473

Y2) 32.936  
1 —  

---

33.936  
28.462  

-5.474

PM1

X1) BUCK IN  

---

  

0

Y1) 31.061  
1 —  

---

32.061  
28.462  

-3.599

Y2) 31.056  
1 —  

---

32.056  
28.462  

-3.594

MMF

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PM Checks

"Y"

Avg. PM4Y1 & PM1Y1 = HI

$$\begin{array}{r} \text{PM4Y1) } 8.145 \\ \quad \quad \quad 1. \\ \hline 9.145 \end{array}$$

$$\begin{array}{r} \text{PM1Y1) } 8.148 \\ \quad \quad \quad 1. \\ \hline 9.148 \end{array}$$

$$\frac{9.147}{\quad} \quad \text{HI}$$

PM4

$$\begin{array}{r} \text{Y1) } 8.145 \\ \quad \quad \quad 1. \\ \hline 9.145 \\ 9.147 \\ \hline \boxed{+1.002} \end{array}$$

$$\begin{array}{r} \text{X1) } 11.750 \\ \quad \quad \quad 1. \\ \hline 12.750 \\ 9.147 \\ \hline \boxed{-3.603} \end{array}$$

PM3

$$\begin{array}{r} \text{Y2) } 8.145 \\ \quad \quad \quad 1. \\ \hline 9.145 \\ 9.147 \\ \hline \boxed{+1.002} \end{array}$$

$$\begin{array}{r} \text{X1) } 11.746 \\ \quad \quad \quad 1. \\ \hline 12.746 \\ 9.147 \\ \hline \boxed{-3.599} \end{array}$$

PM2

$$\begin{array}{r} \text{Y1) } 8.147 \\ \quad \quad \quad 1. \\ \hline 9.147 \\ 9.147 \\ \hline \boxed{\emptyset} \end{array}$$

$$\begin{array}{r} \text{X1) } 11.747 \\ \quad \quad \quad 1. \\ \hline 12.747 \\ 9.147 \\ \hline \boxed{-3.600} \end{array}$$

PM1

$$\begin{array}{r} \text{Y1) } 8.148 \\ \quad \quad \quad 1. \\ \hline 9.148 \\ 9.147 \\ \hline \boxed{-1.001} \end{array}$$

$$\begin{array}{r} \text{X1) } 11.749 \\ \quad \quad \quad 1. \\ \hline 12.749 \\ 9.147 \\ \hline \boxed{-3.602} \end{array}$$

TOP OF GAGE BLOCK

$$\begin{array}{r} 13.545 \\ 9.147 \\ \hline \boxed{-4.398} \end{array}$$

MMF

Undulator SN 10  
Date 4-6-09  
Crew J.M., L.G.  
"X"

PM Checks

BUCKIN

F Value PM1X1) 0

N Value PM4X1) 0

F 27.462+1

N 27.462+1

F \_\_\_\_\_

N \_\_\_\_\_

F S/R \_\_\_\_\_

N S/R \_\_\_\_\_

LOS +28.462

Undulator

|   |   |   |   |
|---|---|---|---|
| 1) 32.946<br> <br>---<br>33.946<br>28.462<br>-5.484 | 2) 32.940<br> <br>---<br>33.940<br>28.462<br>-5.478 | 3) 32.935<br> <br>---<br>33.935<br>28.462<br>-5.473 | 4) 32.936<br> <br>---<br>33.936<br>28.462<br>-5.474 |
| 5) 23.165<br> <br>---<br>24.165<br>28.462<br>4.297  | 6) 23.161<br> <br>---<br>24.161<br>28.462<br>4.301  | 7) 23.160<br> <br>---<br>24.160<br>28.462<br>4.302  | 8) 23.160<br> <br>---<br>24.160<br>28.462<br>4.302  |

Ref. Block

|   |   |  |  |
|---|---|--|--|
| A) 34.495<br> <br>---<br>35.495<br>28.462<br>-7.033 | B) 29.962<br> <br>---<br>30.962<br>28.462<br>-2.500 | C) 28.203<br> <br>---<br>29.203<br>28.462<br>-.741 | D) 28.203<br> <br>---<br>29.203<br>28.462<br>-.741 |
|---|---|--|--|





MMF

Undulator SN10  
Date 4-6-09  
Crew J.M., L.G.

PM Checks

"X"

PROBE

BUCKIN

Tagets on stand and far wall = - 5.470"

-5.470 LOS  
+1.025 MIC TO + EDGE  
-5.445  
-0.039 TO SENSOR  
-5.484 PROBE LOC.

MMF

Undulator SN 10  
Date 4-3-09  
Crew M.R., L.G.

LONG COIL CHECK

"X"

BUCKIN

COIL

F Value PM1X1) 0  
N Value PM4X1) 0  
  
F 27.000+1  
N 27.337+1  
  
F 28.000+1  
N 27.607+1  
  
F S/R 28.462-1 465  
N S/R 28.462-1

U/S) 37.190  
28.462

D/S) 37.196  
28.462

-8.728 ✓

-8.728 ✓

Avg. = -8.728 ✓

LOS +28.462

"Y"

PM4Y1

PM1Y1

3.968  
1. —  
4.968 ✓  
3.601" Val.  
8.569 ✓

3.972  
1. —  
4.972 ✓  
3.599" Val.  
8.571 ✓

Avg. HI= 8.570

19.901 REF.  
8.570 HI  
11.331 C/L

U/S) 0 Read  
12.573 Ref.  
12.573 Wire C/L  
11.331 Ref. C/L

D/S) 4.067 Read  
12.568 Ref.  
12.575 Wire C/L  
11.331 Ref. C/L

1.242 ✓

1.244 ✓

Avg. = 1.243 ✓