

Undulator SN14
Date 4-10-09
Crew JM, LG

MMF

PM Checks

"X"

29.587 LOS

PM4

X1)
BUCK IN

0

Y1) 32.183

33.183
29.587

-3.596

Y2) 32.189

33.189
29.587

-3.602

PM3

X1) 30.467

31.467
29.587

-1.880

Y1) 34.063

35.063
29.587

-5.476

Y2) 34.063

35.063
29.587

-5.476

PM2

X1) 30.464

31.464
29.587

-1.877

Y1) 34.060

35.060
29.587

-5.473

Y2) 34.062

35.062
29.587

-5.475

PM1

X1)
BUCK IN

0

Y1) 32.187

33.187
29.587

-3.600

Y2) 32.186

33.186
29.587

-3.593

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PM Checks

"Y"

Avg. PM4Y1 & PM1Y1 = HI

PM4Y1) $\begin{array}{r} 7.655 \\ 1. \\ \hline 8.655 \end{array}$

PM1Y1) $\begin{array}{r} 7.659 \\ 1. \\ \hline 8.659 \end{array}$

$\begin{array}{r} 8.657 \\ \hline \end{array}$ HI

PM4

Y1) $\begin{array}{r} 7.655 \\ 1. \\ \hline 8.655 \\ 8.657 \end{array}$

$\boxed{+0.002}$

X1) $\begin{array}{r} 11.260 \\ 1. \\ \hline 12.260 \\ 8.657 \end{array}$

$\boxed{-3.603}$

PM3

Y2) $\begin{array}{r} 7.655 \\ 1. \\ \hline 8.655 \\ 8.657 \end{array}$

$\boxed{+0.002}$

X1) $\begin{array}{r} 11.258 \\ 1. \\ \hline 12.258 \\ 8.657 \end{array}$

$\boxed{-3.601}$

PM2

Y1) $\begin{array}{r} 7.657 \\ 1. \\ \hline 8.657 \\ 8.657 \end{array}$

$\boxed{\cancel{0}}$

X1) $\begin{array}{r} 11.257 \\ 1. \\ \hline 12.257 \\ 8.657 \end{array}$

$\boxed{-3.600}$

PM1

Y1) $\begin{array}{r} 7.659 \\ 1. \\ \hline 8.659 \\ 8.657 \end{array}$

$\boxed{-0.002}$

X1) $\begin{array}{r} 11.261 \\ 1. \\ \hline 12.261 \\ 8.657 \end{array}$

$\boxed{-3.604}$

TOP OF GAGE BLOCK

$\begin{array}{r} 13.054 \\ 8.657 \end{array}$

$\boxed{4.397}$

MMF

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PM Checks

"Y" 8.657 HI

Undulator

1) 4.172 1 — 5.172 8.657 3.485	2) 4.178 1. — 5.178 8.657 3.479	3) 4.177 1 — 5.177 8.657 3.480	4) 4.174 1 — 5.174 8.657 3.483
5) 11.257 1. — 12.257 8.657 -3.600	6) 11.255 1 — 12.255 8.657 -3.598	7) 11.253 1 — 12.253 8.657 -3.596	8) 11.254 1 — 12.254 8.657 -3.597

Ref. Block

A) 7.892 1 — 8.892 8.657 -.235	B) —	C) 10.037 1 — 11.037 8.657 -2.380	D) 13.118 1 — 14.118 8.657 -5.461
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Flats

<u>U/S</u>		<u>D/S</u>	
(+) 6.937 8.657 1.720	(-) 6.937 8.657 1.720	(+) 6.937 8.657 1.720	(-) 6.937 8.657 1.720

MMF

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PM Checks

"X"

PROBE

BUCKIN

Tagets on stand and far wall = - 5.470"

-5.470 LOS
+1.020 MIC TO + EDGE
-5.450
-0.039 TO SENSOR
-5.489 PROBE LOC.

MMF

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LONG COIL CHECK

"X"

BUCKIN

F Value PM1X1) 0
N Value PM4X1) 0

F 27.000+1
N 28.161+1
F 29.000+1
N 28.697+1
F S/R 29.586-1
N S/R 29.586-1

LOS +29.586

COIL

U/S) 38.310

D/S) 38.308

29.586

29.586

-8.724

-8.722

Avg. = -8.723

"Y"

PM4Y1

PM1Y1

3.990

3.996

1

1

4.990

4.996

3.601" Val.

3.599" Val.

8.591

8.595

Avg. HI= 8.593

19.920

REF.

U/S)

Read

D/S)

Read

8.593

HI

12.576

Ref.

12.572

Ref.

11.327

C/L

12.576

Wire C/L

12.572

Wire C/L

11.327

Ref. C/L

11.327

Ref C/L

1.249

1.245

Avg. = 1.247