

MMF

Undulator SN12
Date 1-29-09
Crew M.R., L.G
"X"

PM Checks

BUCKIN

F Value PM1X1) 0

N Value PM4X1) 0

F 28.245+1

N 28.245+1

F _____

N _____

F S/R _____

N S/R _____

LOS 29.245

Undulator

1) 33.735
1 —

34.735 ✓
29.245

-5.490 ✓

5) 23.949
1 —

24.949 ✓
29.245

4.296 ✓

2) 33.728
1 —

34.728 ✓
29.245

-5.483 ✓

6) 23.949
1 —

24.949 ✓
29.245

4.296 ✓

3) 33.730
1 —

34.730 ✓
29.245

-5.485 ✓

7) 23.950
1 —

24.950 ✓
29.245

4.295 ✓

4) 33.730
1 —

34.730 ✓
29.245

-5.485 ✓

8) 23.955
1 —

24.955 ✓
29.245

4.290 ✓

Ref. Block

A) 35.278
1 —

36.278 ✓
29.245

-7.033 ✓

B) 30.749
1 —

31.749 ✓
29.245

-2.504 ✓

C) 28.986
1 —

29.986 ✓
29.245

-.741 ✓

D) 28.986
1 —

29.986 ✓
29.245

-.741 ✓

MMF

Undulator
Date
Crew

SN12
1-29-09
M.R., L.G.

PM Checks

"Y"

9.033 HI

Undulator

1) 4.555 1 — 5.555 ✓ 9.033 3.478 ✓	2) 4.558 1 — 5.558 ✓ 9.033 3.475 ✓	3) 4.557 1 — 5.557 ✓ 9.033 3.476 ✓	4) 4.554 1 — 5.554 ✓ 9.033 3.479 ✓
5) 11.633 1 — 12.633 ✓ 9.033 3.600 ✓	6) 11.635 1 — 12.635 ✓ 9.033 -3.602 ✓	7) 11.637 1 — 12.637 ✓ 9.033 -3.604 ✓	8) 11.632 1 — 12.632 ✓ 9.033 -3.599 ✓

Ref. Block

A) 8.274 1 — 9.274 ✓ 9.033 -0.241 ✓	B) 10.419 1 — /	C) 10.419 1 — 11.419 ✓ 9.033 -2.386 ✓	D) 13.500 1 — 14.500 ✓ 9.033 -5.467 ✓
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Flats

<u>U/S</u>		<u>D/S</u>	
(+) 7.320 9.033 1.713 ✓	(-) 7.320 9.033 1.713 ✓	(+) 7.320 9.033 1.713 ✓	(-) 7.320 9.033 1.713 ✓

Undulator 5N 12
 Date 1-29-09
 Crew M.R., L.G.

MMF

PM Checks

"X"

29.245 LOS

PM4

X1) _____
 BUCK IN

Y1) 31.842 Y2) 31.848

1 1

32.842 ✓ 32.848 ✓
29.245 29.245

0

-3.597 ✓

-3.603 ✓

PM3

X1) 30.128
1

Y1) 33.721 Y2) 33.722

1 1

31.128 ✓ 34.721 ✓ 34.722 ✓
29.245 29.245 29.245

-1.883 ✓

-5.476 ✓

-5.477 ✓

PM2

X1) 30.133
1

Y1) 33.728 Y2) 33.730

1 1

31.133 ✓ 34.728 ✓ 34.730 ✓
29.245 29.245 29.245

-1.888 ✓

-5.483 ✓

-5.485 ✓

PM1

X1) _____
 BUCK IN

Y1) 31.836 Y2) 31.851

1 1

32.836 ✓ 32.851 ✓
29.245 29.245

0

-3.591 ✓

-3.606 ✓

MMF

Undulator SN 12
Date 1-29-09
Crew M.R., L.G.

PM Checks

"Y"

Avg. PM4Y1 & PM1Y1 = HI

PM4Y1) 8.035
1.——
9.035 ✓

PM1Y1) 8.030
1.——
9.030 ✓

9.033 HI

PM4

Y1) 8.035
1.——
9.035 ✓
9.033

-0.002 ✓

X1) 11.639
1.——
12.639 ✓
9.033

-3.606 ✓

PM3

Y2) 8.037 X1) 11.638
1.—— 1.——
9.037 ✓ 12.638 ✓
9.033 9.033

-0.004 ✓

-3.605 ✓

PM2

Y1) 8.037
1.——
9.037 ✓
9.033

-0.004 ✓

X1) 11.637
1.——
12.637 ✓
9.033

-3.604 ✓

PM1

Y1) 8.030 X1) 11.641
1.—— 1.——
9.030 ✓ 12.641 ✓
9.033 9.033

+0.003 ✓

-3.608 ✓

TOP OF GAGE BLOCK

13.437
9.033

-4.404 ✓

MMF

Undulator SN12
Date 1-29-09
Crew M.R., L.C.

PM Checks

"X"

PROBE

BUCKIN

Tagets on stand and far wall = - 5.470"

-5.470 LOS
+ .622 MIC TO + EDGE
-5.448
-0.039 TO SENSOR
-5.487 PROBE LOC.

MMF

Undulator SN12
Date 1-27-09
Crew M.R., L.G.

LONG COIL CHECK

"X"

BUCKIN

COIL

F Value PM1X1) 0
N Value PM4X1) 0

F 28.242+1
N 28.245+1

F 28.245+1
N 28.245+1

U/S) 37.965
29.245
-8.720 ✓

D/S) 37.971
29.245
-8.726 ✓

Avg. = 8.723 ✓

F S/R _____
N S/R _____

LOS 29.245

"Y"

PM4Y1 ⁺²⁴
-18
4.120
1
5.120 ✓
3.601" Val.
8.721 ✓

PM1Y1
4.116
1
5.116 ✓
3.599" Val.
8.715 ✓

Avg. HI= 8.718 ✓

20.053 REF.
8.718 HI
11.335 C/L

U/S) +1.003 Read
12.560 Ref.
12.563 Wire C/L
11.335 Ref. C/L

D/S) -1.006 Read
12.575 Ref.
12.569 Wire C/L
11.335 Ref C/L

1.228 ✓

1.234 ✓

Avg. = 1.231 ✓

MMF

Undulator SN 12
Date 1-23-09
Crew H.I., L.C.

LONG COIL CHECK

"X"

BUCKIN

COIL

F Value PM1X1) 0
N Value PM4X1) 0
F 28.000 + 1
N 28.180 + 1
F 30.100 + 1
N 28.735 + 1

U/S) 37.964

D/S) 37.969

29.242

29.242

8.722 ✓

8.727 ✓

Avg. = -8.725 ✓

F S/R 29.245 - 1 29.242 + 1 ✓
N S/R 29.243 29.242 + 1 ✓

LOS 29.242 ✓

"Y"

PM4Y1

PM1Y1

3.875
1
4.895 ✓
3.601" Val.
8.494 ✓

3.890
1
4.890 ✓
3.599" Val.
8.489 ✓

Avg. HI= 8.493 ✓

19.828 REF.
8.493 HI
11.335 C/L ✓

U/S) 7.005 Read
12.563 Ref.
12.568 Wire C/L
11.335 Ref. C/L
1.233 ✓

D/S) 7.008 Read
12.561 Ref.
12.569 Wire C/L
11.335 Ref C/L
1.234 ✓

Avg. = 1.234 ✓

+29
-112