

MMF

Undulator 09
Date 4-22-09
Crew JM, LCG
"X"

PM Checks

BUCKIN

F Value PM1X1) 0
N Value PM4X1) 0
F 26.914 + 1
N 26.914 + 1
F _____
N _____
F S/R _____
N S/R _____
LOS +27.914

Undulator

1) 32.397 1 — 33.397 27.914 <u>-5.483</u>	2) 32.399 1 — 33.399 27.914 <u>-5.485</u>	3) 32.405 1 — 33.405 27.914 <u>-5.491</u>	4) 32.399 1 — 33.399 27.914 <u>-5.485</u>
5) 22.616 1 — 23.616 27.914 <u>4.298</u>	6) 22.614 1 — 23.614 27.914 <u>4.300</u>	7) 22.614 1 — 23.614 27.914 <u>4.300</u>	8) 22.615 1 — 23.615 27.914 <u>4.299</u>

Ref. Block

A) 33.947 1 — 34.947 27.914 <u>-7.033</u>	B) 29.412 1 — 30.412 27.914 <u>-2.498</u>	C) 27.655 1 — 28.655 27.914 <u>-.741</u>	D) 27.655 1 — 28.655 27.914 <u>-.741</u>
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MMF

Undulator 5H09
Date 4-22-09
Crew JM, LG

PM Checks

"Y" 9.705 HI

Undulator

1) 5.221
1 —
6.221
9.705
3.484

2) 5.224
1 —
6.224
9.705
3.481

3) 5.221
1 —
6.221
9.705
3.484

4) 5.222
1 —
6.222
9.705
3.483

5) 12.300
1 —
13.300
9.705
-3.595

6) 12.300
1 —
13.300
9.705
-3.595

7) 12.301
1 —
13.301
9.705
-3.596

8) 12.302
1 —
13.302
9.705
-3.597

Ref. Block

A) 8.939
1 —
9.939
9.705
-2.334

B) —
—
—
—
—

C) 11.083
1 —
12.083
9.705
-2.378

D) 14.165
1 —
15.165
9.705
-5.460

Flats

U/S

D/S

(+) 7.984
9.705
1.721

(-) 7.985
9.705
1.720

(+) 7.986
9.705
1.719

(-) 7.986
9.705
1.719

Undulator SN09
Date 4-22-09
Crew JM, LG

MMF

PM Checks

"X"

27.914 LOS

PM4

X1) BUCK IN

Y1) 30.512

Y2) 30.519

1 —

1 —

31.512

31.519

27.914

27.914

0

-3.598

-3.605

PM3

X1) 28.790

Y1) 32.386

Y2) 32.388

1 —

1 —

1 —

29.790

33.386

33.388

27.914

27.914

27.914

-1.876

-5.472

-5.474

PM2

X1) 28.790

Y1) 32.387

Y2) 32.387

1 —

1 —

1 —

29.790

33.387

33.387

27.914

27.914

27.914

-1.876

-5.473

-5.473

PM1

X1) BUCK IN

Y1) 30.517

Y2) 30.512

1 —

1 —

31.517

31.512

27.914

27.914

0

-3.603

-3.598

MMF

Undulator 5H09
Date 4-22-09
Crew JM, LG

PM Checks

"Y"

Avg. PM4Y1 & PM1Y1 = HI

PM4Y1) 8.702
1 ———
—————
9.702

PM1Y1) 8.707
1 ———
—————
9.707

9.705 HI

PM4

Y1) 8.702
1 ———
—————
9.702
9.705
—————
+0.003

X1) 12.308
1 ———
—————
13.308
9.705
—————
-3.603

PM3

Y2) 8.703
1 ———
—————
9.703
9.705
—————
+0.002

X1) 12.305
1 ———
—————
13.305
9.705
—————
-3.600

PM2

Y1) 8.704
1 ———
—————
9.704
9.705
—————
+0.001

X1) 12.304
1 ———
—————
13.304
9.705
—————
-3.599

PM1

Y1) 8.707
1 ———
—————
9.707
9.705
—————
-.002

X1) 12.307
1 ———
—————
13.307
9.705
—————
-3.602

TOP OF GAGE BLOCK

14.102
9.705
—————
-4.397

MMF

Undulator SNO9
Date 4-22-09
Crew JM, LG

PM Checks

"X"

PROBE

BUCKIN

Tagets on stand and far wall = - 5.470"

-5.470 LOS
+0.034 MIC TO + EDGE
-5.436
-0.039 TO SENSOR
-5.475 PROBE LOC.

MMF

Undulator SN 09
Date 4-21-09
Crew B.R., L.G.

LONG COIL CHECK

"X"

BUCKIN

F Value PM1X1) 0
N Value PM4X1) 0
F 27.000 + 1
N 26.937 + 1
F 26.000 + 1
N 26.667 + 1
F S/R 27.914 - 1
N S/R 27.914 - 1

COIL

U/S) 36.646
27.914
- 8.732 ✓
D/S) 36.643
27.914
- 8.729 ✓
Ave. = -8.731 ✓

LOS +27.914

"Y"

PM4Y1
3.984
1
4.984
3.601" Val.
8.585 ✓
PM1Y1
3.990
1
4.990
3.599" Val.
8.589 ✓

Ave. HI = 8.587 ✓

19.918 REF. U/S) +0.005 Read D/S) -0.005 Read
8.587 HI 12.577 Ref. 12.582 Ref.
11.331 C/L ✓ 12.582 Wire C/L 11.331 Ref C/L
11.331 Ref. C/L
1.251 ✓ 1.246 ✓

Ave. = 1.249 ✓

By Ruthless