

MMF

Undulator 5H 31
Date 9-17-08
Crew M.R., L.G.
"X"

PM Checks

BUCKIN

F Value PM1X1) 0
N Value PM4X1) 0
F 30.000+1
N 26.579+1
F 25.000+1
N 25.194+1
F S/R 26.268-1
N S/R 26.268-1
LOS 26.268

Undulator

1) <u>30.752</u> 1 — <u>31.752</u> ✓ 26.268 -5.484 ✓	2) <u>30.746</u> 1 — <u>31.746</u> ✓ 26.268 -5.478 ✓	3) <u>30.743</u> 1 — <u>31.743</u> ✓ 26.268 -5.475 ✓	4) <u>30.742</u> 1 — <u>31.742</u> ✓ 26.268 -5.474 ✓
5) <u>20.975</u> 1 — <u>21.975</u> ✓ 26.268 4.293 ✓	6) <u>20.972</u> 1 — <u>21.972</u> ✓ 26.268 4.296 ✓	7) <u>20.972</u> 1 — <u>21.972</u> ✓ 26.268 4.296 ✓	8) <u>20.972</u> 1 — <u>21.972</u> ✓ 26.268 4.296 ✓

Ref. Block

A) <u>32.300</u> 1 — <u>33.300</u> ✓ 26.268 -7.032 ✓	B) <u>27.766</u> 1 — <u>28.766</u> ✓ 26.268 -2.498 ✓	C) <u>26.012</u> 1 — <u>27.012</u> ✓ 26.268 -.744 ✓	D) <u>26.012</u> 1 — <u>27.012</u> ✓ 26.268 -.744 ✓
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MMF

Undulator SN 31
Date 9-17-08
Crew M.R., L.G.

PM Checks

"Y" 7.534 HI

Undulator

1) <u>3.055</u> 1. — <u>4.055</u> 7.534 3.479	2) <u>3.058</u> 1. — <u>4.058</u> 7.534 3.476	3) <u>3.061</u> 1. — <u>4.061</u> 7.534 3.473	4) <u>3.056</u> 1. — <u>4.056</u> 7.534 3.478
5) <u>10.131</u> 1. — <u>11.131</u> 7.534 -3.597	6) <u>10.132</u> 1. — <u>11.132</u> 7.534 -3.598	7) <u>10.134</u> 1. — <u>11.134</u> 7.534 -3.600	8) <u>10.133</u> 1. — <u>11.133</u> 7.534 -3.599

Ref. Block

A) <u>6.774</u> 1. — <u>7.774</u> 7.534 -.240	B) <u> </u> <u> </u> <u> </u> 7.534 	C) <u>8.916</u> 1. — <u>9.916</u> 7.534 2.382	D) <u>11.997</u> 1. — <u>12.997</u> 7.534 -5.463
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Flats

U/S

D/S

(+) <u>5.817</u> 7.534 1.717	(-) <u>5.817</u> 7.534 1.717	(+) <u>5.819</u> 7.534 1.715	(-) <u>5.819</u> 7.534 1.715
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Undulator SN31
Date 9-17-08
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MMF

PM Checks

"X"

26.268 LOS

X1)
BUCK IN

0

PM4

Y1) 28.866

Y2) 28.872

1. —

1. —

29.866 ✓
26.268

29.872 ✓
26.268

-3.598 ✓

-3.604 ✓

PM3

X1) 27.150

Y1) 30.743

Y2) 30.745

1. —

1. —

1. —

28.150 ✓
26.268

31.743 ✓
26.268

31.745 ✓
26.268

-1.882 ✓

-5.475 ✓

-5.477 ✓

PM2

X1) 27.150

Y1) 30.746

Y2) 30.746

1. —

1. —

1. —

28.150 ✓
26.268

31.746 ✓
26.268

31.746 ✓
26.268

-1.882 ✓

-5.478 ✓

-5.478 ✓

PM1

X1)
BUCK IN

0

Y1) 28.860

Y2) 28.874

1. —

1. —

29.860 ✓
26.268

29.874 ✓
26.268

-3.592 ✓

-3.606 ✓

MMF

Undulator SN 31
Date 9-17-09
Crew M. R., L. G.

PM Checks

"Y"

Avg. PM4Y1 & PM1Y1 = HI

PM4Y1) 6.533
1. —

7.533 ✓

PM1Y1) 6.535
1. —

7.535 ✓

7.534 HI ✓

PM4

Y1) 6.533
1. —

7.533 ✓
7.534

+0.001 ✓

X1) 10.139
1. —

11.139 ✓
7.534

-3.605 ✓

PM3

Y2) 6.534
1. —

7.534 ✓
7.534

0 ✓

X1) 10.135
1. —

11.135 ✓
7.534

-3.601 ✓

PM2

Y1) 6.537
1. —

7.537 ✓
7.534

-0.003 ✓

X1) 10.137
1. —

11.137 ✓
7.534

-3.603 ✓

PM1

Y1) 6.535
1. —

7.535 ✓
7.534

-0.001 ✓

X1) 10.145
1. —

11.145 ✓
7.534

-3.611 ✓

TOP OF GAGE BLOCK

11.934
7.534

-4.400 ✓

MMF

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Date 9-17-08
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PM Checks

"X"

PROBE

BUCKIN

Tagets on stand and far wall = - 5.470"

-5.470 LOS
+.031 MIC TO + EDGE
- 5.439
-0.039 TO SENSOR
5.470 PROBE LOC.