

MMF

Undulator 397 34
Date 22 MAY 2009
Crew MR JX9D
"X"

PM Checks

BUCKIN

F Value PM1X1) 0
N Value PM4X1) 0
F 26.681 +1
N 26.616 +1
F 25 — +1
N 26.145 +1
F S/R 27.591 -1
N S/R 27.591 -1
LOS 27.591

Undulator

1) 32.080 <u>1</u> 33.080 27.591 -5.489 ✓	2) 32.072 <u>1</u> 33.072 27.591 -5.481 ✓	3) 32.074 <u>1</u> 33.074 27.591 -5.483 ✓	4) 32.073 <u>1</u> 33.073 27.591 -5.482 ✓
5) 22.295 <u>1</u> 23.295 27.591 4.296 ✓	6) 22.294 <u>1</u> 23.294 27.591 4.297 ✓	7) 22.291 <u>1</u> 23.291 27.591 4.300 ✓	8) 22.291 <u>1</u> 23.291 27.591 4.300 ✓

Ref. Block

A) 33.621 <u>1</u> 34.621 27.591 -7.030 ✓	B) 29.087 <u>1</u> 30.087 27.591 -2.496 ✓	C) 27.332 <u>1</u> 28.332 27.591 -0.741 ✓	D) 27.333 <u>1</u> 28.333 27.591 -0.742 ✓
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MMF

Undulator 398 34
Date 5-22-07
Crew MR JM

PM Checks

"Y" 7.813 HI

Undulator

1) 3.332
1. —
4.332
7.813
+3.481

2) 3.335
1. —
4.335
7.813
+3.478

3) 3.338
1. —
4.338
7.813
+3.475

4) 3.335
1. —
4.335
7.813
+3.478

5) 10.406
1. —
11.406
7.813
-3.593

6) 10.407
1. —
11.407
7.813
-3.594

7) 10.409
1. —
11.409
7.813
-3.596

8) 10.415
1. —
11.415
7.813
-3.602

Ref. Block

A) 7.045
1. —
8.045
7.813
-.232

~~B)~~

C) 9.192
1. —
10.192
7.813
-2.379

D) 12.271
1. —
13.271
7.813
-5.458

Flats

U/S

D/S

(+) 6.095
7.813
+1.718

(-) 6.095
7.813
+1.718

(+) 6.101
7.813
+1.712

(-) 6.102
7.813
+1.711

Undulator 397 34
Date 22 MAY 2009
Crew MR JMSD

MMF

PM Checks

"X"

27.591 LOS

PM4

X1)
BUCK IN

Y1) 30.189

Y2) 30.193

1 _____

1 _____

31.189

31.193

27.591

27.591

0

-3.598 ✓

-3.602 ✓

PM3

X1) 28.472

Y1) 32.066

Y2) 32.066

1 _____

1 _____

1 _____

29.472

33.066

33.066

27.591

27.591

27.591

-1.881 ✓

-5.475 ✓

-5.475 ✓

PM2

X1) 28.473

Y1) 32.065

Y2) 32.067

1 _____

1 _____

1 _____

29.473

33.065

33.067

27.591

27.591

27.591

-1.882 ✓

-5.474 ✓

-5.476 ✓

PM1

X1)
BUCK IN

Y1) 30.186

Y2) 30.185

1 _____

1 _____

31.186

31.185

27.591

27.591

0

-3.595 ✓

-3.594 ✓

MMF

Undulator 39² 34
Date 5-22-09
Crew MR Jmc

PM Checks

"Y"

Avg. PM4Y1 & PM1Y1 = HI

PM4Y1)
6.807
1. —

7.807 ✓

PM1Y1)
6.819
1. —

7.819 ✓

7.813 HI

PM4

Y1)
6.807
1. —

7.807
7.813

+1.006

X1) 10.415
1. —

11.415
7.813

-3.602

PM3

Y2) 6.810
1. —

7.810
7.813

+1.003

X1) 10.411
1. —

11.411
7.813

-3.598

PM2

Y1) 6.818
1. —

7.818
7.813

-.005

X1) 10.418
1. —

11.418
7.813

-3.605

PM1

Y1) 6.819
1. —

7.819
7.813

-.006

X1) 10.419
1. —

11.419
7.813

-3.606

TOP OF GAGE BLOCK

12.210
7.813

-4.397

MMF

Undulator 39734

Date 22 MAY 2009

Crew NAR JMW

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
-5.478 PROBE LOC.

MMF

Undulator SN 34
Date 15-20-09
Crew JM LG

LONG COIL CHECK

"X"

BUCKIN

F Value PM1X1) 0
N Value PM4X1) 0
F 24.000+1
N 25.857+1
F 27.000+1
N 26.703+1
F S/R 27.586-1
N S/R 27.586-1

COIL

U/S) 36.311
27.586
-8.725
D/S) 36.315
27.586
-8.729
Avg. = -8.727

LOS +27.586

"Y"

PM4Y1

3.687
1. —
4.687
3.601" Val.
8.288

PM1Y1

3.697
1. —
4.697
3.599" Val.
8.296

Avg. HI= 8.292

19.623 REF.
8.292 HI
11.331 C/L

U/S) 0 Read
12.577 Ref.
12.577 Wire C/L
11.331 Ref. C/L
1.246

D/S) 0 Read
12.570 Ref.
12.570 Wire C/L
11.331 Ref C/L
1.239

Avg. = 1.243