

MMF

Undulator 5H07
Date 2-9-09
Crew M.R., L.G.
"X"

PM Checks

BUCKIN

F Value PM1X1) 0
N Value PM4X1) 0
F 26.741+1
N 26.741+1
F _____
N _____
F S/R _____
N S/R _____
LOS +27.741

Undulator

1) 32.222 1 — 33.222 ✓ 27.741 -5.481 ✓	2) 32.224 1 — 33.224 ✓ 27.741 -5.483 ✓	3) 32.227 1 — 33.227 ✓ 27.741 -5.486 ✓	4) 32.226 1 — 33.226 ✓ 27.741 -5.485 ✓
5) 22.440 1 — 23.440 ✓ 27.741 4.301 ✓	6) 22.444 1 — 23.444 ✓ 27.741 4.297 ✓	7) 22.444 1 — 23.444 ✓ 27.741 4.297 ✓	8) 22.440 1 — 23.440 ✓ 27.741 4.301 ✓

Ref. Block

A) 33.775 1 — 34.775 ✓ 27.741 -7.034 ✓	B) 29.242 1 — 30.242 ✓ 27.741 -2.501 ✓	C) 27.482 1 — 28.482 ✓ 27.741 -.741 ✓	D) 27.482 1 — 28.482 ✓ 27.741 -.741 ✓
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MMF

Undulator SN07
Date 2-9-09
Crew M.R., L.G.

PM Checks

"Y" 9,306 HI

Undulator

1) 4.826 1 — 5.826 ✓ 9.306 3.480 ✓	2) 4.828 1 — 5.828 ✓ 9.306 3.478 ✓	3) 4.827 1 — 5.827 ✓ 9.306 3.479 ✓	4) 4.823 1 — 5.823 ✓ 9.306 3.483 ✓
5) 11.911 1 — 12.911 ✓ 9.306 -3.605 ✓	6) 11.908 1 — 12.908 ✓ 9.306 -3.602 ✓	7) 11.910 1 — 12.910 ✓ 9.306 -3.604 ✓	8) 11.910 1 — 12.910 ✓ 9.306 -3.604 ✓

Ref. Block

A) 8.547 1 — 9.547 ✓ 9.306 -1.241 ✓	B) — — — — —	C) 10.692 1 — 11.692 ✓ 9.306 -2.386 ✓	D) 13.773 1 — 14.773 ✓ 9.306 -5.467 ✓
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Flats

<u>U/S</u>		<u>D/S</u>	
(+) 7.595 9.306 1.711 ✓	(-) 7.595 9.306 1.711 ✓	(+) 7.591 9.306 1.715 ✓	(-) 7.591 9.306 1.715 ✓

Undulator SNO7
Date 2-9-09
Crew M.R., L.G.

MMF

PM Checks

"X"

27.741 LOS

PM4

X1) _____
BUCK IN

Y1) 30.341

Y2) 30.345

1 —

1 —

31.341 ✓
27.741

31.345 ✓
27.741

0

-3.600 ✓

-3.604 ✓

PM3

X1) 28.619

Y1) 32.212

Y2) 32.215

1 —

1 —

1 —

29.619 ✓
27.741

33.212 ✓
27.741

33.215 ✓
27.741

-1.878 ✓

-5.471 ✓

-5.474 ✓

PM2

X1) 28.620

Y1) 32.216

Y2) 32.216

1 —

1 —

1 —

29.620 ✓
27.741

33.216 ✓
27.741

33.216 ✓
27.741

-1.879 ✓

-5.475 ✓

-5.475 ✓

PM1

X1) _____
BUCK IN

Y1) 30.330

Y2) 30.345

1 —

1 —

31.330 ✓
27.741

31.345 ✓
27.741

0

-3.589 ✓

-3.604 ✓

MMF

Undulator SN 07
Date 2-9-09
Crew M.R., L.G.

PM Checks

"Y"

Avg. PM4Y1 & PM1Y1 = HI

PM4Y1) 8.310
1. —
————
9.310 —

PM1Y1) 8.302
1. —
————
9.302 —

9.306 HI —

PM4

Y1) 8.310
1. —
————
9.310 ✓
9.306
-0.004 ✓

X1) 11.914
1. —
————
12.914 ✓
9.306
-3.608 ✓

PM3

Y2) 8.311
1. —
————
9.311 ✓
9.306
-0.005 ✓

X1) 11.912
1. —
————
12.912 ✓
9.306
-3.606 ✓

PM2

Y1) 8.308
1. —
————
9.308 ✓
9.306
-0.002 ✓

X1) 11.908
1. —
————
12.908 ✓
9.306
-3.602 ✓

PM1

Y1) 8.302
1. —
————
9.302 ✓
9.306
+0.004 ✓

X1) 11.913
1. —
————
12.913 ✓
9.306
-3.607 ✓

TOP OF GAGE BLOCK

13.710
9.306
-4.404 ✓

MMF

Undulator SN 07
Date 2-9-09
Crew M.R., L.G.

PM Checks

"X"

PROBE

BUCKIN

Tagets on stand and far wall = - 5.470"

-5.470 LOS
+ .037 MIC TO + EDGE
-5.433 ✓
-0.039 ✓ TO SENSOR
-5.472 PROBE LOC.

MMF

Undulator 5407
Date 2-6-09
Crew J.M., L.G.

LONG COIL CHECK

"X"

BUCKIN

COIL

F Value PM1X1) 0
N Value PM4X1) 0

U/S) 36.464
27.741

D/S) 36.462
27.741

F 29.000+1

-8.723

-8.721

N 27.342+1

Avg. = 8.722

F 25.000+1

N 26.278+1

F S/R 27.741-1

N S/R 26.741+1

LOS +27.741

"Y"

PM4Y1

PM1Y1

3.874
1.0
4.874
3.601" Val.
8.475

3.868
1.0
4.868
3.599" Val.
8.467

Avg. HI = 8.471

19.806 REF.
8.471 HI
11.335 C/L

U/S) 12.559 Read
12.559 Ref.
11.335 Wire C/L
1.224 Ref. C/L

D/S) 12.564 Read
12.564 Ref.
11.335 Wire C/L
1.229 Ref. C/L

Avg. = 1.227