



MMF

Undulator SN 22  
Date 3-18-09  
Crew J.M., L.G.

PM Checks

"Y"

Avg. PM4Y1 & PM1Y1 = HI

PM4Y1) 7.923  
    1 —  
    ~~8.923~~

PM1Y1) 7.925  
    1 —  
    ~~8.925~~

~~8.924~~ HI

PM4

Y1) 7.923  
    1 —  
    ~~8.923~~  
    ~~8.924~~

+1.001

X1) 11.528  
    1 —  
    ~~12.528~~  
    ~~8.924~~

-3.604

PM3

Y2) 7.922  
    1 —  
    ~~8.922~~  
    ~~8.924~~

+1.002

X1) 11.523  
    1 —  
    ~~12.523~~  
    ~~8.924~~

-3.599

PM2

Y1) 7.925  
    1 —  
    ~~8.925~~  
    ~~8.924~~

-1.001

X1) 11.526  
    1 —  
    ~~12.526~~  
    ~~8.924~~

-3.602

PM1

Y1) 7.925  
    1 —  
    ~~8.925~~  
    ~~8.924~~

-1.001

X1) 11.525  
    1 —  
    ~~12.525~~  
    ~~8.924~~

-3.601

TOP OF GAGE BLOCK

13.327  
8.924  
~~4.403~~

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"X"

PM Checks

BUCKIN

F Value PM1X1) 0

N Value PM4X1) 0

F 26.265+1

N 26.265+1

F \_\_\_\_\_

N \_\_\_\_\_

F S/R \_\_\_\_\_

N S/R \_\_\_\_\_

**LOS +27.265**

Undulator

1) 31.748 1 — 32.748 27.265 <b>-5.483</b>	2) 31.749 1 — 32.749 27.265 <b>-5.484</b>	3) 31.743 1 — 32.743 27.265 <b>-5.478</b>	4) 31.741 1 — 32.741 27.265 <b>-5.476</b>
5) 21.965 1 — 22.965 27.265 <b>4.306</b>	6) 21.963 1 — 22.963 27.265 <b>4.302</b>	7) 21.960 1 — 22.960 27.265 <b>4.305</b>	8) 21.963 1 — 22.963 27.265 <b>4.302</b>

Ref. Block

A) 33.297 1 — 34.297 27.265 <b>-7.032</b>	B) 28.763 1 — 29.763 27.265 <b>-2.498</b>	C) 27.005 1 — 28.005 27.265 <b>-7.40</b>	D) 27.005 1 — 28.005 27.265 <b>-7.40</b>
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MMF

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PM Checks

"Y" 8.924 HI

Undulator

1) 4.440  
1 —  
5.440  
8.924  
3.484

2) 4.442  
1 —  
5.442  
8.924  
3.482

3) 4.442  
1 —  
5.442  
8.924  
3.482

4) 4.439  
1 —  
5.439  
8.924  
3.485

5) 11.521  
1 —  
12.521  
8.924  
-3.597

6) 11.523  
1 —  
12.523  
8.924  
-3.599

7) 11.523  
1 —  
12.523  
8.924  
-3.599

8) 11.522  
1 —  
12.522  
8.924  
-3.598

Ref. Block

A) 8.160  
1 —  
9.160  
8.924  
-1.236

B)   
—————  
          

C) 10.305  
1 —  
11.305  
8.924  
-2.381

D) 13.386  
1 —  
14.386  
8.924  
-5.462

Flats

U/S

D/S

(+) 7.204  
8.924  
-1.720

(-) 7.205  
8.924  
1.719

(+) 7.205  
8.924  
1.719

(-) 7.206  
8.924  
1.718

MMF

Undulator SN 22  
Date 3-18-09  
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PM Checks

"X"

PROBE

BUCKIN

Tagets on stand and far wall = - 5.470"

-5.470 LOS  
+1.021 MIC TO + EDGE  
-5.449  
-0.039 TO SENSOR  
-5.488 PROBE LOC.



MMF

Undulator 5A22  
Date 3-17-09  
Crew J.M., L.G.

LONG COIL CHECK

"X"

BUCKIN

COIL

F Value PM1X1) 0  
N Value PM4X1) 0  
F 26.265 + 1  
N 26.265 + 1  
F \_\_\_\_\_  
N \_\_\_\_\_  
F S/R \_\_\_\_\_  
N S/R \_\_\_\_\_

U/S) 35.986  
27.265  
- 8.721

D/S) 35.989  
27.265  
- 8.724

Avg. = -8.723

LOS +27.265

"Y"

PM4Y1

PM1Y1

4.019  
1. -  
5.019  
3.601" Val.  
8.620

4.021  
1. -  
5.021  
3.599" Val.  
8.620

Avg. HI = 8.420

19.947 REF.  
8.620 HI  
11.327 C/L

U/S) 0 Read  
12.560 Ref.  
12.560 Wire C/L  
11.327 Ref. C/L  
1.233

D/S) 4.002 Read  
12.567 Ref.  
12.565 Wire C/L  
11.327 Ref C/L  
1.238

Avg. = 1.236