

MMF

Undulator SN 16  
Date 3-6-09  
Crew J.M., L.G.  
"X"

PM Checks

BUCKIN

F Value PM1X1) 0

N Value PM4X1) 0

F 26.572+1

N 26.572+1

F \_\_\_\_\_

N \_\_\_\_\_

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

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

**LOS +27.572**

Undulator

1) <u>32.054</u> 1 — 33.054 27.572 <b>-5.482</b>	2) <u>32.051</u> 1 — 33.051 27.572 <b>-5.479</b>	3) <u>32.052</u> 1 — 33.052 27.572 <b>-5.480</b>	4) <u>32.055</u> 1 — 33.055 27.572 <b>-5.483</b>
5) <u>22.274</u> 1 — 23.274 27.572 <b>4.298</b>	6) <u>22.274</u> 1 — 23.274 27.572 <b>4.298</b>	7) <u>22.276</u> 1 — 23.276 27.572 <b>4.296</b>	8) <u>22.278</u> 1 — 23.278 27.572 <b>4.294</b>

Ref. Block

A) <u>33.605</u> 1 — 34.605 27.572 <b>-7.033</b>	B) <u>29.071</u> 1 — 30.071 27.572 <b>-2.499</b>	C) <u>27.314</u> 1 — 28.314 27.572 <b>-.742</b>	D) <u>27.317</u> 1 — 28.317 27.572 <b>-.742</b>
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MMF

Undulator SN16  
Date 3-6-09  
Crew S.M., L.G.

PM Checks

"Y" 9.192 HI

Undulator

1) 4.717  
1 —  
5.717  
9.192  
3.475

2) 4.721  
1 —  
5.721  
9.192  
3.471

3) 4.715  
1 —  
5.715  
9.192  
3.477

4) 4.710  
1 —  
5.710  
9.192  
3.482

5) 11.795  
1 —  
12.795  
9.192  
-3.603

6) 11.792  
1 —  
12.792  
9.192  
-3.600

7) 11.792  
1 —  
12.792  
9.192  
-3.600

8) 11.789  
1 —  
12.789  
9.192  
-3.597

Ref. Block

A) 8.436  
1 —  
9.436  
9.192  
-2.44

B) —  
—  
—  
—  
—

C) 10.582  
1 —  
11.582  
9.192  
-2.390

D) 13.663  
1 —  
14.663  
9.192  
-5.471

Flats

U/S

D/S

(+) 7.482  
9.192  
1.710

(-) 7.482  
9.192  
1.710

(+) 7.475  
9.192  
1.717

(-) 7.475  
9.192  
1.717

Undulator

SH16

MMF

Date

3-6-09

PM Checks

Crew

J.M., L.S.

"X"

27.572 LOS

PM4

X1) \_\_\_\_\_  
BUCK IN

Y1) 30.170

Y2) 30.175

1 —

1 —

31.170  
27.572

31.175  
27.572

0

-3.598

-3.603

PM3

X1) 28.454

Y1) 32.047

Y2) 32.047

1 —

1 —

1 —

29.454  
27.572

33.047  
27.572

33.047  
27.572

-1.882

-5.475

-5.475

PM2

X1) 28.458

Y1) 32.054

Y2) 32.054

1 —

1 —

1 —

29.458  
27.572

33.054  
27.572

33.054  
27.572

-1.886

-5.482

-5.482

PM1

X1) \_\_\_\_\_  
BUCK IN

Y1) 30.168

Y2) 30.182

1 —

1 —

31.168  
27.572

31.182  
27.572

0

-3.596

-3.610

MMF

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Crew J.M., L.G.

PM Checks

"Y"

Avg. PM4Y1 & PM1Y1 = HI

PM4Y1) 8.200  
      1  
-----  
      9.200

PM1Y1) 8.183  
      1  
-----  
      9.183

17  
9

9.192 HI

PM4

Y1) 8.200  
      1  
-----  
      9.200  
      9.192  
-----  
      -1.008

X1) 11.806  
      1  
-----  
      12.806  
      9.192  
-----  
      -3.614

PM3

Y2) 8.200  
      1  
-----  
      9.200  
      9.192  
-----  
      -.008

X1) 11.801  
      1  
-----  
      12.801  
      9.192  
-----  
      -3.609

PM2

Y1) 8.193  
      1  
-----  
      9.193  
      9.192  
-----  
      -.001

X1) 11.793  
      1  
-----  
      12.793  
      9.192  
-----  
      -3.601

PM1

Y1) 8.183  
      1  
-----  
      9.183  
      9.192  
-----  
      +.009

X1) 11.794  
      1  
-----  
      12.794  
      9.192  
-----  
      -3.602

TOP OF GAGE BLOCK

13.600  
      9.192  
-----  
      -4.408

MMF

Undulator SN16  
Date 3-6-09  
Crew J.M., L.G.

PM Checks

"X"

PROBE

BUCKIN

Tagets on stand and far wall = - 5.470"

-5.470 LOS  
+1.023 MIC TO + EDGE  
-5.447  
-0.039 TO SENSOR  
-5.486 PROBE LOC.

MMF

Undulator SN 16  
Date 3-5-09  
Crew J.M., L.G.

LONG COIL CHECK

"X"

BUCKIN

F Value PM1X1) 0  
N Value PM4X1) 0  
  
F 28.000+1  
N 26.964+1  
F 25.000+1  
N 26.140+1  
F S/R 27.572-1  
N S/R 26.572+1

COIL

U/S) 36.290  
27.572

D/S) 36.294  
27.572

-8.718

-8.722

Ave. = -8.720

LOS +27.572

"Y"

PM4Y1  
3.808

PM1Y1

1. —

3.792

4.808

1. —

3.601" Val.

4.792

8.409

3.599" Val.

8.391

Ave. HI = 8.400

19.734 REF.

U/S) 0 Read

D/S) +0.003 Read

8.400 HI

12.559 Ref.

12.566 Ref.

11.334 C/L

12.559 Wire C/L

12.563 Wire C/L

11.334 Ref. C/L

11.334 Ref C/L

1.225

1.229

Ave. = +1.227