

MMF

Undulator SN18  
Date 11-5-08  
Crew M.R., L.G.  
"X"

PM Checks

BUCKIN

F Value PM1X1) 0

N Value PM4X1) 0

F 27.661+1

N 27.661+1

F \_\_\_\_\_

N \_\_\_\_\_

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

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

LOS 28.661

Undulator

1) 33.152 1 — 34.152 ✓ 28.661 <u>-5.491</u> ✓	2) 33.149 1 — 34.149 ✓ 28.661 <u>-5.488</u> ✓	3) 33.146 1 — 34.146 ✓ 28.661 <u>-5.485</u> ✓	4) 33.148 1 — 34.148 ✓ 28.661 <u>-5.487</u> ✓
5) 23.368 1 — 24.368 ✓ 28.661 <u>4.293</u> ✓	6) 23.364 1 — 24.364 ✓ 28.661 <u>4.297</u> ✓	7) 23.365 1 — 24.365 ✓ 28.661 <u>4.296</u> ✓	8) 23.362 1 — 24.362 ✓ 28.661 <u>4.299</u> ✓

Ref. Block

A) 34.690 1 — 35.690 ✓ 28.661 <u>-7.029</u> ✓	B) 30.164 1 — 31.164 ✓ 28.661 <u>-2.503</u> ✓	C) 28.401 1 — 29.401 ✓ 28.661 <u>-.740</u> ✓	D) 28.402 1 — 29.402 ✓ 28.661 <u>-.741</u> ✓
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PM Checks

"X"

+28.661 LOS

X1) BUCK IN

0

PM4

Y1) 31.261

1 —

32.261 ✓  
28.661

-3.600 ✓

Y2) 31.264

1 —

32.264 ✓  
28.661

-3.603 ✓

PM3

X1) 29.545

1 —

30.545 ✓  
28.661

-1.884 ✓

Y1) 33.140

1 —

34.140 ✓  
28.661

-5.479 ✓

Y2) 33.140

1 —

34.140 ✓  
28.661

-5.479 ✓

PM2

X1) 29.545

1 —

30.545 ✓  
28.661

-1.884 ✓

Y1) 33.140

1 —

34.140 ✓  
28.661

-5.479 ✓

Y2) 33.140

1 —

34.140 ✓  
28.661

-5.479 ✓

PM1

X1) BUCK IN

0

Y1) 31.256

1 —

32.256 ✓  
28.661

-3.595 ✓

Y2) 31.270

1 —

32.270 ✓  
28.661

-3.609 ✓

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PM Checks

"Y"

Avg. PM4Y1 & PM1Y1 = HI

PM4Y1) 7.913  
1. —  
—————  
8.913

PM1Y1) 7.915  
1. —  
—————  
8.915

8.914 HI

PM4

Y1) 7.913  
1. —  
—————  
8.913 ✓  
8.914

+1.001 ✓

X1) 11.519  
1. —  
—————  
12.519 ✓  
8.914

-3.605 ✓

PM3

Y2) 7.915  
1. —  
—————  
8.915 ✓  
8.914

-.001 ✓

X1) 11.517  
1. —  
—————  
12.517 ✓  
8.914

-3.603 ✓

PM2

Y1) 7.918  
1. —  
—————  
8.918 ✓  
8.914

-.004 ✓

X1) 11.517  
1. —  
—————  
12.517 ✓  
8.914

-3.603 ✓

PM1

Y1) 7.915  
1. —  
—————  
8.915 ✓  
8.914

-.001 ✓

X1) 11.525  
1. —  
—————  
12.525 ✓  
8.914

-3.611 ✓

7.918

TOP OF GAGE BLOCK

13.315  
8.914  
-4.401 ✓

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PM Checks

"Y" 8.914 HI

Undulator

1) 4.432 1. — 5.432 ✓ 8.914 <b>+3.482</b> ✓	2) 4.440 1. — 5.440 ✓ 8.914 <b>3.474</b> ✓	3) 4.441 1. — 5.441 ✓ 8.914 <b>3.473</b> ✓	4) 4.437 1. — 5.437 ✓ 8.914 <b>3.477</b> ✓
5) 11.514 1. — 12.514 ✓ 8.914 <b>-3.600</b> ✓	6) 11.514 1. — 12.514 ✓ 8.914 <b>-3.600</b> ✓	7) 11.515 1. — 12.515 ✓ 8.914 <b>-3.601</b> ✓	8) 11.515 1. — 12.515 ✓ 8.914 <b>-3.601</b> ✓

Ref. Block

A) 9.151 1. — 9.151 ✓ 8.914 <b>-.237</b> ✓	B) 	C) 10.298 1. — 11.298 ✓ 8.914 <b>2.384</b> ✓	D) 13.377 1. — 14.377 ✓ 8.914 <b>-5.463</b> ✓
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Flats

<u>U/S</u>		<u>D/S</u>	
(+) 7.200 8.914 <b>1.714</b> ✓	(-) 7.200 8.914 <b>1.714</b> ✓	(+) 7.200 8.914 <b>1.714</b> ✓	(-) 7.200 8.914 <b>1.714</b> ✓

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PM Checks

"X"

PROBE

BUCKIN

Tagets on stand and far wall = - 5.470"

-5.470 LOS  
+0.032 MIC TO + EDGE  
-5.438 ✓  
-0.039 TO SENSOR  
**-5.477** PROBE LOC.