

MMF

Undulator SN16
Date 7-1-08
Crew M.R., L.G.
"X"

PM Checks

BUCKIN

F Value PM1X1) 0
N Value PM4X1) 0
F 30.000+1
N 28.349+1
F 23.000+1
N 26.515+1
F S/R 28.763-1 27.765+1
N S/R — 27.765+1
LOS 28.765 ✓

Undulator

| | | | |
|---|---|---|---|
| 1) <u>33.244</u> 1 — <u>34.244 ✓</u> 28.765 <u>-5.479 ✓</u> | 2) <u>33.239</u> 1 — <u>34.239 ✓</u> 28.765 <u>-5.474 ✓</u> | 3) <u>33.243</u> 1 — <u>34.243 ✓</u> 28.765 <u>-5.478</u> | 4) <u>33.242</u> 1 — <u>34.242 ✓</u> 28.765 <u>-5.477 ✓</u> |
| 5) <u>23.463</u> 1 — <u>24.463 ✓</u> 28.765 <u>4.302 ✓</u> | 6) <u>23.464</u> 1 — <u>24.464 ✓</u> 28.765 <u>4.301 ✓</u> | 7) <u>23.464</u> 1 — <u>24.464 ✓</u> 28.765 <u>4.301</u> | 8) <u>23.464</u> 1 — <u>24.464 ✓</u> 28.765 <u>4.301 ✓</u> |

Ref. Block

| | | | |
|---|---|--|--|
| A) <u>34.795</u> 1 — <u>35.795 ✓</u> 28.765 <u>-7.030 ✓</u> | B) <u>30.262</u> 1 — <u>31.262 ✓</u> 28.765 <u>-2.497 ✓</u> | C) <u>28.505</u> 1 — <u>29.505 ✓</u> 28.765 <u>-.740 ✓</u> | D) <u>28.505</u> 1 — <u>29.505 ✓</u> 28.765 <u>-.740 ✓</u> |
|---|---|--|--|

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PM Checks

"Y" 7,882 HI

Undulator

1) 3.403
1. —

2) 3.409
1. —

3) 3.410
1. —

4) 3.408
1. —

4.403 ✓
7.882

4.409 ✓
7.882

4.410 ✓
7.882

4.408 ✓
7.882

3.479 ✓

3.473 ✓

3.472 ✓

3.474 ✓

5) 10.481
1. —

6) 10.483
1. —

7) 10.487
1. —

8) 10.489
1. —

11.481 ✓
7.882

11.483 ✓
7.882

11.487 ✓
7.882

11.489 ✓
7.882

-3.599 ✓

-3.601 ✓

-3.605 ✓

-3.607 ✓

Ref. Block

A) 7.120
1. —

B) ~~_____~~

C) 9.265
1. —

D) 12.347
1. —

8.120 ✓
7.882

~~_____~~
7.882

10.265 ✓
7.882

13.347 ✓
7.882

-1.238 ✓

~~_____~~

-2.383 ✓

-5.465 ✓

Flats

U/S

D/S

(+) 6.174
7.882

(-) 6.175
7.882

(+) 6.167
7.882

(-) 6.167
7.882

1.708 ✓

1.707 ✓

1.715 ✓

1.715 ✓

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PM Checks

"X"

28.765 LOS

PM4

X1) BUCK IN

Y1) 31.363

Y2) 31.368

1. —

1. —

32.363 ✓

32.368 ✓

28.765

28.765

0

-3.598 ✓

-3.603 ✓

PM3

X1) 29.641

Y1) 33.238

Y2) 33.236

1. —

1. —

1. —

30.641 ✓

34.238 ✓

34.236 ✓

28.765

28.765

28.765

-1.876 ✓

-5.473 ✓

-5.471 ✓

PM2

X1) 29.644

Y1) 33.241

Y2) 33.244

1. —

1. —

1. —

30.644 ✓

34.241 ✓

34.244 ✓

28.765

28.765

28.765

-1.879 ✓

-5.476 ✓

-5.479 ✓

PM1

X1) BUCK IN

Y1) 31.358

Y2) 31.366

1. —

1. —

32.358 ✓

32.366 ✓

28.765

28.765

0

-3.588

-3.601

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PM Checks

"Y"

Avg. PM4Y1 & PM1Y1 = HI

PM4Y1) 6.881
 1. —
 7.881 ✓

PM1Y1) 6.883
 1. —
 7.883 ✓

7.882 HI

PM4

Y1) 6.881
 1. —
 7.881 ✓
 7.882
 + .001 ✓

X1) 10.489
 1. —
 11.489 ✓
 7.882
 -3.607 ✓

PM3

Y2) 6.884
 1. —
 7.884 ✓
 7.882
 - .002 ✓

X1) 10.487
 1. —
 11.487 ✓
 7.882
 -3.605 ✓

PM2

Y1) 6.893
 1. —
 7.893 ✓
 7.882
 - .011 ✓

X1) 10.493
 1. —
 11.493 ✓
 7.882
 -3.611 ✓

PM1

Y1) 6.883
 1. —
 7.883 ✓
 7.882
 - .001 ✓

X1) 10.491
 1. —
 11.491 ✓
 7.882
 -3.609 ✓

TOP OF GAGE BLOCK

12.285
7.882
-4.403 ✓

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PM Checks

"X"

PROBE

BUCKIN

Tagets on stand and far wall = - 5.470"

-5.470 LOS
+0.024 MIC TO + EDGE
-5.446 ✓
-0.039 TO SENSOR
-5.485 PROBE LOC.