

MMF

Undulator SN32
Date 1-22-09
Crew B.R., L.G.
"X"

PM Checks

BUCKIN

F Value PM1X1) 0
N Value PM4X1) 0
F 26.946 + 1
N 26.946 + 1
F _____
N _____
F S/R _____
N S/R _____
LOS 27.946

✓BR

Undulator

1) 32.434 1 — 33.434 27.946 -5.488	2) 32.435 1 — 33.435 27.946 -5.489	3) 32.430 1 — 33.430 27.946 -5.484	4) 32.430 1 — 33.430 27.946 -5.484
5) 22.654 1 — 23.654 27.946 4.292	6) 22.650 1 — 23.650 27.946 4.296	7) 22.650 1 — 23.650 27.946 4.296	8) 22.655 1 — 23.655 27.946 4.291

Ref. Block

A) 33.979 1 — 34.979 27.946 -7.033	B) 29.448 1 — 30.448 27.946 -2.502	C) 27.688 1 — 28.688 27.946 -.742	D) 27.689 1 — 28.689 27.946 -.743
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MMF

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PM Checks

"Y" 8.027 HI

Undulator

1) 3.551
1 —
4.551
8.027
3.476

2) 3.556
1 —
4.556
8.027
3.471

3) 3.556
1 —
4.556
8.027
3.471

4) 3.551
1 —
4.551
8.027
3.476

5) 10.630
1 —
11.630
8.027
-3.603

6) 10.634
1 —
11.634
8.027
-3.607

7) 10.635
1 —
11.635
8.027
-3.608

8) 10.631
1 —
11.631
8.027
-3.604

Ref. Block

A) 7.268
1 —
8.268
8.027
-2.41

B) ~~9.414~~
1 —
~~10.414~~
~~8.027~~
~~-2.387~~

C) 9.414
1 —
10.414
8.027
-2.387

D) 12.495
1 —
13.495
8.027
-5.468

Flats

U/S

D/S

(+) 6.314
8.027
1.713

(-) 6.315
8.027
1.712

(+) 6.313
8.027
1.714

(-) 6.314
8.027
1.713

✓BR

Undulator SN32
Date 1-22-09
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MMF

PM Checks

"X"

27.946 LOS

X1) BUCK IN

0

PM4

Y1) 30.544

1

31.544
27.946

-3.598

Y2) 30.550

1

31.550
27.946

-3.604

PM3

X1) 28.830

1

29.830
27.946

-1.884

Y1) 32.426

1

33.426
27.946

-5.480

Y2) 32.426

1

33.426
27.946

-5.480

✓BR

PM2

X1) 28.832

1

29.832
27.946

-1.886

Y1) 32.427

1

33.427
27.946

-5.481

Y2) 32.429

1

33.429
27.946

-5.483

PM1

X1) BUCK IN

0

Y1) 30.534

1

31.534
27.946

-3.588

Y2) 30.550

1

31.550
27.946

-3.604

MMF

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PM Checks

"Y"

Avg. PM4Y1 & PM1Y1 = HI

PM4Y1) 7.029
1. —
8.029

PM1Y1) 7.025
1. —
8.025

8.027 HI

PM4

Y1) 7.029
1. —
8.029
8.027
-1.002

X1) 10.636
1. —
11.636
8.027
-3.609

PM3

Y2) 7.033
1. —
8.033
8.027
-.006

X1) 10.636
1. —
11.636
8.027
-3.609

PM2

Y1) 7.032
1. —
8.032
8.027
-.005

X1) 10.634
1. —
11.634
8.027
-3.607

PM1

Y1) 7.025
1. —
8.025
8.027
+1.002

X1) 10.636
1. —
11.636
8.027
-3.609

TOP OF GAGE BLOCK

12.430
8.027
-4.403

✓BR

MMF

Undulator LN 32
Date 1.22.09
Crew LG BR

PM Checks

"X"

PROBE

BUCKIN

Tagets on stand and far wall = - 5.470"

-5.470 LOS
+0.037 MIC TO + EDGE
-5.433
-0.039 TO SENSOR
-5.472 PROBE LOC.

✓ LG

MMF

Undulator SN 32
Date 1-22-09
Crew B.R., L.G.

LONG COIL CHECK

"X"

BUCKIN

F Value PM1X1) 0
N Value PM4X1) 0
F 28.000+1
N 27.230+1
F 25.000+1
N 26.422+1
F S/R 27.946-1
N S/R 27.946-1
LOS 27.946

COIL

U/S) 36.669
27.946
-8.723
D/S) 36.672
27.946
-8.724
Avg. = -8.725

"Y"

PM4Y1
4.143
1
5.143
3.601" Val.
8.744
PM1Y1
4.139
1
5.139
3.599" Val.
8.738

Avg. HI= 8.741

20.077 REF. U/S) +1.001 Read D/S) +1.004 Read
8.741 HI 12.559 Ref. 12.5661 Ref.
11.336 C/L 12.560 Wire C/L 12.565 Wire C/L
11.336 Ref. C/L 11.336 Ref C/L
1.224 1.229

Avg. = 1.227

✓ B.R.