

MMF

Undulator SN31
Date 1-15-09
Crew B.R., L.G.
"X"

PM Checks

BUCKIN

F Value PM1X1) 0

N Value PM4X1) 0

F 25.649+1

N 25.649+1

F _____

N _____

F S/R _____

N S/R _____

LOS +26.649

Undulator

1) 31.136
1
32.136
26.649
-5.487

2) 31.130
1
32.130
26.649
-5.481

3) 31.127
1
32.127
26.649
-5.478

4) 31.127
1
32.127
26.649
-5.478

5) 21.355
1
22.355
26.649
4.294

6) 21.352
1
22.352
26.649
4.297

7) 21.352
1
22.352
26.649
4.297

8) 21.350
1
22.350
26.649
4.299

Ref. Block

A) 32.683
1
33.683
26.649
-7.034

B) 28.150
1
29.150
26.649
-2.501

C) 26.392
1
27.392
26.649
-.743

D) 26.391
1
27.391
26.649
-.742

✓POR

MMF

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PM Checks

"Y" 8.819 HI

Undulator

1) 4.342
1
5.342
8.819
3.477

2) 4.345
1
5.345
8.819
3.474

3) 4.346
1
5.346
8.819
3.473

4) 4.340
1
5.340
8.819
3.479

5) 11.422
1
12.422
8.819
-3.603

6) 11.422
1
12.422
8.819
-3.603

7) 11.424
1
12.424
8.819
-3.605

8) 11.420
1
12.420
8.819
-3.601

Ref. Block

A) 8.058
1
9.058
8.819
-2.39

B)

C) 10.206
1
11.206
8.819
-2.387

D) 13.286
1
14.286
8.819
-5.467

Flats

U/S

D/S

(+) 7.105
8.819
1.714

(-) 7.106
8.819
1.713

(+) 7.105
8.819
1.714

(-) 7.106
8.819
1.713

✓BR

Undulator SN 31
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MMF

PM Checks

"X"

26.649 LOS

X1)
BUCK IN

0

PM4

Y1) 29.250

1

30.250
26.649

-3.601

Y2) 29.252

1

30.252
26.649

-3.603

PM3

X1) 27.532

1

28.532
26.649

-1.883

Y1) 31.129

1

32.129
26.649

-5.480

Y2) 31.128

1

32.128
26.649

-5.479

PM2

X1) 27.533

1

28.533
26.649

-1.884

Y1) 31.126

1

32.126
26.649

-5.477

Y2) 31.128

1

32.128
26.649

-5.479

PM1

X1)
BUCK IN

0

Y1) 29.240

1

30.240
26.649

-3.591

Y2) 29.254

1

30.254
26.649

-3.605

✓ 1002

MMF

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Crew B.R., L.G.

PM Checks

"Y"

Avg. PM4Y1 & PM1Y1 = HI

PM4Y1) 7.821
1. —
————
8.821

PM1Y1) 7.817
1. —
————
8.817

8.819 HI

PM4

Y1) 7.821
1. —
————
8.821
8.819
-0.002

X1) 11.427
1. —
————
12.427
8.819
-3.608

PM3

Y2) 7.822
1. —
————
8.822
8.819
-0.003

X1) 11.424
1. —
————
12.424
8.819
-3.605

PM2

Y1) 7.824
1. —
————
8.824
8.819
-0.005

X1) 11.423
1. —
————
12.423
8.819
-3.604

PM1

Y1) 7.817
1. —
————
8.817
8.819
+0.002

X1) 11.428
1. —
————
12.428
8.819
-3.609

TOP OF GAGE BLOCK

13.222
8.819
-4.403

✓ BR

MMF

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Crew B.R., L.G.

PM Checks

"X"

PROBE

BUCKIN

Tagets on stand and far wall = - 5.470"

-5.470 LOS
+ 31 MIC TO + EDGE
-5.439
-0.039 TO SENSOR
-5.478 PROBE LOC.

J LG

MMF

Undulator SN 31
Date 1-14-09
Crew J.M., L.G.

LONG COIL CHECK

"X"

BUCKIN

COIL

F Value PM1X1) 0
N Value PM4X1) 0

U/S) 35.368

D/S) 35.373

26.649

26.649

F 29.000+1

-8.719

-8.724

N 26.563+1

Avg. = -8.722

F 24.008+1

N 25.199+1

F S/R 26.649-1

N S/R 26.649-1

LOS +26.649

"Y"

PM4Y1

PM1Y1

3.902

3.896

1.

1.

4.902

4.896

3.601" Val.

3.599" Val.

8.503

8.495

Avg. HI= 8.499

19.831 REF.
8.499 HI
11.332 C/L

U/S) 8 Read
12.561 Ref.
12.561 Wire C/L
11.332 Ref. C/L

D/S) 8 Read
12.557 Ref.
12.557 Wire C/L
11.332 Ref C/L

1.229

1.225

Avg. = 1.227