

MMF

Undulator SN 37
Date 2-24-09
Crew M.R., L.G.
"X"

PM Checks

BUCKIN

F Value PM1X1) 0
N Value PM4X1) 0
F 27.377+1
N 27.377+1
F _____
N _____
F S/R _____
N S/R _____
LOS +28.377

Undulator

1) <u>32.858</u> 1 — 33.858 ✓ 28.377 <u>-5.481</u> ✓	2) <u>32.853</u> 1 — 33.853 ✓ 28.377 <u>-5.476</u> ✓	3) <u>32.866</u> 1 — 33.866 ✓ 28.377 <u>-5.489</u> ✓	4) <u>32.853</u> 1 — 33.853 ✓ 28.377 <u>-5.476</u> ✓
5) <u>23.082</u> 1 — 24.082 ✓ 28.377 <u>4.295</u> ✓	6) <u>23.084</u> 1 — 24.084 ✓ 28.377 <u>4.293</u> ✓	7) <u>23.083</u> 1 — 24.083 ✓ 28.377 <u>4.294</u> ✓	8) <u>23.083</u> 1 — 24.083 ✓ 28.377 <u>4.294</u> ✓

Ref. Block

A) <u>34.407</u> 1 — 35.407 ✓ 28.377 <u>-7.030</u> ✓	B) <u>29.874</u> 1 — 30.874 ✓ 28.377 <u>-2.497</u> ✓	C) <u>28.118</u> 1 — 29.118 ✓ 28.377 <u>-.741</u> ✓	D) <u>28.118</u> 1 — 29.118 ✓ 28.377 <u>-.741</u> ✓
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MMF

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PM Checks

"Y" 9.224 HI

Undulator

1) 4.751
1
5.751
9.224
3.473

2) 4.747
1
5.747
9.224
3.477

3) 4.750
1
5.750
9.224
3.474

4) 4.744
1
5.744
9.224
3.480

5) 11.829
1
12.829
9.224
-3.605

6) 11.827
1
12.827
9.224
-3.603

7) 11.832
1
12.832
9.224
-3.608

8) 11.829
1
12.829
9.224
-3.605

Ref. Block

A) 8.468
1
9.468
9.224
-.244

B)

C) 10.619
1
11.619
9.224
-2.395

D) 13.695
1
14.695
9.224
-5.471

Flats

U/S

D/S

(+) 7.514
9.224
1.710

(-) 7.515
9.224
1.709

(+) 7.510
9.224
1.714

(-) 7.511
9.224
1.713

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MMF

PM Checks

"X"

28.377 LOS

PM4

X1) BUCK IN

Y1) 30.975 Y2) 30.980

1 —

1 —

31.975 ✓
28.377

31.980 ✓
28.377

0

-3.598 ✓

-3.603 ✓

PM3

X1) 29.257

Y1) 32.852 Y2) 32.854

1 —

1 —

1 —

30.257 ✓
28.377

33.852 ✓
28.377

33.854 ✓
28.377

-1.880 ✓

-5.475 ✓

-5.477 ✓

PM2

X1) 29.257

Y1) 32.853 Y2) 32.854

1 —

1 —

1 —

30.257 ✓
28.377

33.853 ✓
28.377

33.854 ✓
28.377

-1.880 ✓

-5.476 ✓

-5.477 ✓

PM1

X1) BUCK IN

Y1) 30.969 Y2) 30.982

1 —

1 —

31.969 ✓
28.377

31.982 ✓
28.377

0

-3.592 ✓

-3.605 ✓

MMF

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Crew M.R., L.G.

PM Checks

"Y"

Avg. PM4Y1 & PM1Y1 = HI

PM4Y1) 8.230
1. —
—————
9.230

PM1Y1) 8.217
1. —
—————
9.217

9.224 HI

PM4

PM3

Y1) 8.230
1. —
—————
9.230 ✓
9.224
-1.006 ✓

X1) 11.837
1. —
—————
12.837 ✓
9.224
-3.613 ✓

Y2) 8.233
1. —
—————
9.233 ✓
9.224
-.009 ✓

X1) 11.833
1. —
—————
12.833 ✓
9.224
-3.609 ✓

PM2

PM1

Y1) 8.227
1. —
—————
9.227 ✓
9.224
-.003 ✓

X1) 11.827
1. —
—————
12.827 ✓
9.224
-3.603 ✓

Y1) 8.217
1. —
—————
9.217 ✓
9.224
+.007 ✓

X1) 11.828
1. —
—————
12.828 ✓
9.224
-3.604 ✓

TOP OF GAGE BLOCK

13.633
9.224
-4.409 ✓

MMF

Undulator SN37
Date 2-24-09
Crew M.R., L.G.

PM Checks

"X"

PROBE

BUCKIN

Tagets on stand and far wall = - 5.470"

-5.470 LOS
+1.033 MIC TO + EDGE
-5.437
-0.039 TO SENSOR
-5.476 PROBE LOC.

MMF

Undulator SN 37
Date 2-23-09
Crew B.R., L.G.

LONG COIL CHECK

"X"

BUCKIN

F Value PM1X1) 0
N Value PM4X1) 0
F 27.377+1
N 27.377+1
F _____
N _____
F S/R _____
N S/R _____

COIL

U/S) 37.102 D/S) 37.107
28.377 28.377
-8.725 -8.736

Avg. = -8.728

LOS + 28.377

"Y"

PM4Y1

4.035
1
5.035
3.601" Val.
8.636

PM1Y1

4.023
1
5.023
3.599" Val.
8.622

Avg. HI = 8.629

19.966 REF. U/S) ⊖ Read D/S) +.003 Read
8.629 HI 12.563 Ref. 12.564 Ref.
11.337 C/L 12.563 Wire C/L 12.561 Wire C/L
 11.337 Ref. C/L 11.337 Ref C/L
1.226 1.224

Avg. = 1.225

Log

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LONG COIL CHECK

"X"

BUCKIN

F Value PM1X1) 0
N Value PM4X1) 0
F 27.377+1
N 27.377+1
F _____
N _____
F S/R _____
N S/R _____

COIL

U/S) 37.103 D/S) 37.107
28.377 28.377
- 8.726 - 8.730
Avg. = -8.728

LOS +28.377

"Y"

PM4Y1
4.046
1.0
5.046
3.601" Val.
8.647

PM1Y1
4.033
1.0
5.033
3.599" Val.
8.632

Avg. HI= 8.640

19.976 REF.
8.640 HI
11.336 C/L

U/S) ⊖ Read
12.562 Ref.
12.562 Wire C/L
11.336 Ref. C/L
1.226

D/S) ⊖ Read
12.566 Ref.
12.566 Wire C/L
11.336 Ref C/L
1.230

Avg. = 1.228