

Run	Date	Target body	SOB am	System problems				FDG EOS	Missed Run
				PL-7	Chiller	Target	Synth		
System Tune-up									
1	9/11/06	Niobium	2:30					320	
2	9/12/06	Niobium	3:30					475	
3	9/12/06	Niobium	6:20					680	
4	9/13/06	Niobium	7:00					475	
5	9/14/06	Niobium	3:45					230	
6	9/14/06	Niobium	6:45					654	
Start of Trial									
1	7	9/15/06	Niobium	3:10		1		500	
2	8	9/15/06	Niobium	6:45				503	
3	9	9/18/06	Niobium	2:50				557	
4	10	9/18/06	Niobium	6:15				946	
5	11	9/19/06	Silver	2:45				476	
6					1				1
7	12	9/20/06	Silver	2:55				746	
8					1				1
9	13	9/21/06	Silver	3:00					
10					1				1
11	14	9/22/06	Silver	3:15				471	
12	15	9/22/06	Silver	6:45				700	
13	16	9/25/06	Silver	3:00				470	
14	17	9/25/06	Silver	6:50				630	
15	18	9/26/06	Silver	3:00				364	
16	19	9/26/06	Silver	6:45				750	
17	20	9/28/06	Silver	2:55				700	
18									
19	21	9/29/06	Silver	4:00				790	
20	22	9/29/06	Silver	8:22				870	
21	23	10/2/06	Silver	3:00				760	
22	24	10/2/06	Silver	7:00				940	
23	25	10/4/06	Silver	3:37				705	
24	26	10/4/06	Niobium	7:20				720	
25	27	10/5/06	Silver	3:50				699	
26	28	10/5/06	Silver	7:45				895	
27	29	10/6/06	Silver	4:00				843	
28	30	10/6/06	Silver	7:55				940	
29	31	10/9/06	Niobium	3:55		1	1	676	
30	32	10/9/06	Silver	7:45		1		289	
31	33	10/10/06	Silver	4:25				485	
32	34	10/10/06	Silver	7:40				400	
33	35	10/11/06	Silver	3:40				540	
34	36	10/11/06	Silver	8:25				885	
35	37	10/12/06	Silver	3:55				911	
36	38	10/12/06	Silver	8:15				832	
37	39	10/13/06	Silver	3:10				632	
38	40	10/13/06	Niobium	6:55				703	
39	41	10/16/06	Niobium	3:05				1044	
40	42	10/16/06	Niobium	7:33				1112	
41	43	10/17/06	Niobium	3:56				1096	
42	44	10/17/06	Niobium	7:49				1147	
43	45	10/18/06	Niobium	3:20				1156	
44	46	10/18/06	Niobium	7:58				1033	
45	47	10/19/06	Niobium	3:42		1		744	
46					1				1
47	48	10/24/06	Niobium	3:10				1012	
48	49	10/24/06	Niobium	7:00				1107	
49	50	10/25/06	Niobium	3:10				1088	
50	51	10/25/06	Niobium	7:03				1115	
51	52	10/26/06	Niobium	3:09				1085	
52	53	10/26/06	Niobium	7:07				1006	
53	54	10/27/06	Niobium	3:11				980	
54	55	10/27/06	Niobium	7:18				1082	
55	56	10/30/06	Niobium	3:14				871	
56	57	10/30/06	Niobium	6:58				1109	
57	58	10/31/06	Niobium	3:11			1		
58									
59	59	11/1/06	Niobium	3:01				1060	
60	60	11/1/06	Niobium	7:01				1148	
61	61	11/2/06	Niobium	3:01				940	
62	62	11/2/06	Niobium	6:59		1		1012	
63	63	11/3/06	Niobium	3:09				735	
64	64	11/3/06	Niobium	7:10				912	
65	65	11/6/06	Niobium	3:18				565	
66	66	11/6/06	Niobium	7:01				583	

67	67	11/8/06	Niobium	2:49					545	
68	68	11/8/06	Niobium	6:30					611	
69	69	11/9/06	Niobium	3:35	1				309	
70	70	11/9/06	Niobium	7:13					680	
71	71	11/10/06	Niobium	3:15					859	
72	72	11/10/06	Niobium	7:07					974	
73	73	11/13/06	Niobium	3:20					631	
74					1					1
75										
76	74	11/14/06	Niobium	7:20					714	
77	75	11/15/06	Niobium	3:20					653	
78	76	11/15/06	Niobium	7:00						
79	77	11/16/06	Niobium	3:10			1		208	
80	78	11/16/06	Niobium	6:50					678	

6 3 3 2 53932 5
26906
27026

94%
3%
1383

System Problems

Notes

Compressor thermal overload, Beam off 22 minutes

DTL problem causing excessive sparking and tripping amp breaker.

DTL problem causing excessive sparking and tripping amp breaker.

Amplifier problem

No runs scheduled on 9/27

Only one run scheduled today

Target pressure not holding. Synthesizer buffer vial leaked - Product pH too high
Air bubbles in target fill line - FDG yield low.

Compressor thermal overload

Oct 19 through Oct 23 Trial interrupted for chiller repairs.

Synthesizer cassette failure - Product delivery not completed.
Second run cancelled - mini cell contained activity from first run

Compressor thermal overload

No run scheduled on Nov 7

Accelerator RF problem

Ion Source replacement
Operator overslept

Synthesis cancelled at WMC request
Target load failed

First run
Second run

Scheduled runs performed (Accelerator faults only) 72/77
Production days lost 1/40
mCi per production day