

Downtime for Run 2003-2

Fill #	Start	End	Length	Loss Reason	DIN #	Audit	Start	End	User Length	System Length	Cause	System	Group	Type	Description
					104593		10/01/03 08:00	10/01/03 08:03	0.05	0.05	DIAG	DIAG	DIAG	Inhibits Beam to User	SR Orbit Correction [DIAG]
1	10/01/03 08:03	10/01/03 11:40	3.62	Operator error [OPS]			10/01/03 11:40	10/01/03 14:50	3.17						
					104591		10/01/03 11:40	10/01/03 12:10		0.50	OPS	OPS	OPS	Store Lost	Operator error induced PSS trip [OPS]
					104591		10/01/03 12:10	10/01/03 12:37		0.45	PS	PS	PS	Inhibits Beam to User	B:IK not available at beam loss [PS]
					104591		10/01/03 12:37	10/01/03 13:27		0.83	PS	PS	PS	Inhibits Beam to User	Booster corrector rampload problem [PS]
					104591		10/01/03 13:27	10/01/03 13:54		0.45	DIAG	DIAG	DIAG	Inhibits Beam to User	Cleaning up SR orbit [DIAG]
							10/01/03 13:54	10/01/03 14:18		0.40	OAG/software	Software	OAG	Inhibits Beam to User	Beam retained for less than hour
					104592		10/01/03 14:18	10/01/03 14:50		0.53	OAG/software	Software	OAG	Inhibits Beam to User	Beam lost during Steering "Undo" [OAG]
3	10/01/03 14:50	10/02/03 17:48	26.97	S23 RTFB IOC error [CTL]	104595		10/02/03 17:48	10/02/03 18:19	0.52	0.52	CTL	CTL	CTL	Store Lost	Beam lost during RTFB IOC recovery process
6	10/02/03 18:19	10/02/03 22:04	3.75	S9 EPS Trip [SI]			10/02/03 22:04	10/02/03 23:59	1.92						Beam restored, S9 EPS Trip again, fill restored
					104596		10/02/03 22:04	10/02/03 22:44		0.67	SI/Intlks	Beamline Intlks	SI	Store Lost	S9 EPS trip
							10/02/03 22:44	10/02/03 23:19		0.58	SI/Intlks	Beamline Intlks	SI	Inhibits Beam to User	Beam retained for less than hour
					104597		10/02/03 23:19	10/02/03 23:59		0.67	SI/Intlks	Beamline Intlks	SI	Inhibits Beam to User	2nd S9 EPS trip
8	10/02/03 23:59	10/03/03 15:21	15.37	SR-RF3 Crowbar Trip [Unknown]	104599		10/03/03 15:21	10/03/03 15:40	0.32	0.32	Unidentified	Unidentified	Unidentified	Store Lost	RF3 shut off during network storm [Unknown]
9	10/03/03 15:40	10/04/03 04:28	12.80	S9 EPS Trip [SI]	104600		10/04/03 04:28	10/04/03 05:33	1.08	1.08	SI/Intlks	Beamline Intlks	SI	Store Lost	Fault cleared, beam restored
11	10/04/03 05:33	10/05/03 11:40	30.12	Water pump failure [ME]	104601		10/05/03 11:40	10/05/03 12:33	0.88	0.88	Water/ME	Water/ME	ME	Store Lost	S8 Absorber water flow trip caused by pump seizure
14	10/05/03 12:33	10/05/03 22:03	9.50	S9 EPS Trip [SI]	104602		10/05/03 22:03	10/05/03 22:39	0.60	0.60	SI/Intlks	Beamline Intlks	SI	Store Lost	Trip reset, beam restored
16	10/05/03 22:39	10/06/03 15:59	17.33	Int Dump: End of Period			10/06/03 15:59	10/06/03 15:59	0.00	0.00	Scheduled				
			119.45						8.53	8.53					
18	10/07/03 08:00	10/07/03 11:38	3.63	S9 EPS Trip [SI]	104603		10/07/03 11:38	10/07/03 14:01	2.38	2.38	SI/Intlks	Beamline Intlks	SI	Store Lost	The ASD-SI personnel found 2 loose fuses in the 9ID EPS rack; refill
19	10/07/03 14:01	10/08/03 08:34	18.55	Power bump/ComEd [Other]	104605		10/08/03 08:34	10/08/03 09:01	0.45	0.45	Other	Other	Other	Store Lost	Power bump/ ComEd
20	10/08/03 09:01	10/11/03 08:36	71.58	S16:BH1 Glitch [PS]	104607		10/11/03 08:36	10/11/03 08:51	0.25	0.25	PS	PS	PS	Store Lost	S16B:H1 glitch
21	10/11/03 08:51	10/13/03 07:59	47.13	Int Dump: End of Period			10/13/03 07:59	10/13/03 07:59	0.00		Scheduled				
			140.90						3.08	3.08					
25	10/15/03 08:00	10/16/03 00:23	16.38	Vac. Valve Closure [CTL]	104614		10/16/03 00:23	10/16/03 00:53	0.50	0.50	CTL	CTL	CTL	Store Lost	Single Vacuum Valve closure [CTL]
26	10/16/03 00:53	10/16/03 02:25	1.53	Cogging restart [DIAG]	104615		10/16/03 02:25	10/16/03 02:49	0.40	0.40	DIAG	DIAG	DIAG	Inhibits Beam to User	Gaps opened to restart cogging after IOCS11BPM reboot
	10/16/03 02:49	10/18/03 22:53	68.07	IOCS25FB [CTL]			10/18/03 22:53	10/18/03 23:42	0.82						
					104617		10/18/03 22:53	10/18/03 23:23		0.50	DIAG	DIAG	DIAG	Store Lost	DSP problem necessitated IOCSFB reboot resulting in lost beam
					104617		10/18/03 23:23	10/18/03 23:42		0.32	OAG/software	Software	OAG	Inhibits Beam to User	Beam was lost when RTFB loops initialized as the part of the IOC reboot procedure.
27	10/18/03 23:42	10/21/03 08:00	56.30	Int Dump: End of Period			10/21/03 08:00	10/21/03 08:00	0.00	0.00	Scheduled				
			142.28						1.72	1.72					
29	10/21/03 16:00	10/23/03 13:48	45.80	S18/19 raw trip [PS]			10/23/03 13:48	10/23/03 15:40	1.87						
					104623		10/23/03 13:48	10/23/03 14:52		1.06	PS	PS	PS	Store Lost	S18:19:R1 raw supply trip
					104623		10/23/03 14:52	10/23/03 15:40		0.81	CTL	CTL	CTL	Inhibits Beam to User	S11 Local MPS fault inhibited injection into the SR
30	10/23/03 15:40	10/27/03 07:59	89.32	Int Dump: End of Period			10/27/03 07:59	10/27/03 07:59	0.00		Scheduled				
			135.12						1.87	1.87					
31	10/29/03 08:00	10/31/03 04:25	44.42	SR valve closure [CTL]	104630		10/31/03 04:25	10/31/03 04:50	0.42	0.42	CTL	CTL	CTL	Store Lost	Single Vacuum Valve closure [CTL]
32	10/31/03 04:50	11/03/03 15:59	83.15	Int Dump: End of Period			11/03/03 15:59	11/03/03 15:59	0.00	0.00	Scheduled				
			127.57						0.42	0.42					
33	11/04/03 08:00	11/04/03 16:24	8.40	PEM Steering Error [OAG]	104634		11/04/03 16:24	11/04/03 16:41	0.28	0.28	OAG/software	Software	OAG	Store Lost	PEM Steering Error [OAG]
34	11/04/03 16:41	11/08/03 23:55	103.23	SR-RF4 Trip [RF]	104639		11/08/03 23:55	11/09/03 00:15	0.33	0.33	RF	RF	RF	Store Lost	Power monitor trip [RF]
35	11/09/03 00:15	11/09/03 01:34	1.32	UPS Fault [IT]	104640		11/09/03 01:34	11/09/03 11:18	9.73	9.73	IT/Network	Network	IT	Store Lost	UPS Fault [IT]
36	11/09/03 11:18	11/10/03 00:09	12.85	UPS Fault [IT]	104641		11/10/03 00:09	11/10/03 06:41	6.53	6.53	IT/Network	Network	IT	Store Lost	UPS Fault [IT]
37	11/10/03 06:41	11/10/03 08:59	2.30	Int Dump: End of Period			11/10/03 08:59	11/10/03 08:59	0.00	0.00	Scheduled				
			128.10						16.88	16.88					
39	11/12/03 08:00	11/12/03 23:14	15.23	IOCS25FB Hung Task [DIA]	104643		11/12/03 23:14	11/12/03 23:38	0.40	0.40	DIAG	DIAG	DIAG	Store Lost	Beam lost during reboot, refilled SR [DIA]
41	11/12/03 23:38	11/13/03 22:17	22.65	SR Gate Valve [CTL]	104644		11/13/03 22:17	11/13/03 22:40	0.38	0.38	CTL	CTL	CTL	Store Lost	SR gate Valve VM:02:VV02 closed, refill [CTL]
44	11/13/03 22:40	11/17/03 13:09	86.48	22ID EPS trip [SI]	104647		11/17/03 13:09	11/17/03 14:07	0.97	0.97	SI/Intlks	Beamline Intlks	SI	Store Lost	Recover from EPS trip, refill [SI]
52	11/17/03 14:07	11/18/03 07:59	17.87	Int Dump: End of Period			11/18/03 07:59	11/18/03 07:59	0.00		Scheduled		CTL		
			142.23						1.75	1.75					
54	11/18/03 16:00	11/24/03 06:57	134.95	UPS AC breaker trip [IT]			11/24/03 06:57	11/24/03 10:41	3.73						
					104650		11/24/03 06:57	11/24/03 10:23		3.43	IT/Network	Network	IT	Store Lost	UPS AC Breaker Trip [IT]
					104650		11/24/03 10:23	11/24/03 10:41		0.30	DIAG	DIAG	DIAG	Inhibits Beam to User	RT Feedback problem [DIA]
55	11/24/03 10:41	11/24/03 14:37	3.93	S32/33 Raw PS Trip [ES]	104651		11/24/03 14:37	11/24/03 15:18	0.68	0.68	PS	PS	PS	Store Lost	S32/33 Raw PS trip, reset, conditioning, refill [ES]
56	11/24/03 15:18	11/25/03 07:59	16.68	Int Dump: End of Period			11/25/03 07:59	11/25/03 07:59	0.00	0.00	Scheduled				
			155.57						4.42	4.42					

Downtime for Run 2003-2

Fill #	Start	End	Length	Loss Reason	DIN #	Audit	Start	End	User Length	System Length	Cause	System	Group	Type	Description
57	11/25/03 16:00	11/26/03 23:59	31.98	Int Dump: End of Period			11/26/03 23:59	11/26/03 23:59	0.00	0.00	Scheduled				
			31.98						0.00	0.00					
58	11/28/03 08:00	11/29/03 04:04	20.07	SR-RF4 pwr mon trip [RF]	104656		11/29/03 04:04	11/29/03 04:30	0.43	0.43	RF	RF	RF	Store Lost	RF 4 tripped on an ion gauge fault Cavity #1 Sector 40 [RF]
59	11/29/03 04:30	12/02/03 16:00	83.50	Int Dump: End of Period			12/02/03 16:00	12/02/03 16:00	0.00	0.00	Scheduled				
			103.57						0.43	0.43					
64	12/04/03 08:00	12/05/03 12:21	28.35	BPLD Trip [Unknown]	104657		12/05/03 12:21	12/05/03 12:48	0.45	0.45	Unidentified	Unidentified	Unidentified	Store Lost	Unknown cause, still under investigation
65	12/05/03 12:48	12/09/03 06:30	89.70	S22 Converter Trip [PS]	104658		12/09/03 06:30	12/09/03 08:00	1.50	1.50	PS	PS	PS	Store Lost	Five power supplies in S22 tripped,, beam retained less than 1 hr. [PS]
			118.05						1.95	1.95					
67	12/09/03 16:00	12/09/03 22:34	6.57	Rad.Mon. fault [UES]	104662		12/09/03 22:34	12/09/03 23:09	0.58	0.58	UES/Intlk	Intlk/Rad	UES	Store Lost	
68	12/09/03 23:09	12/11/03 21:34	46.42	34ID PSS trip [SI]	104665		12/11/03 21:34	12/11/03 22:16	0.70	0.70	SI/Intlks	Beamline Intlks	SI	Store Lost	34ID PSS trip [SI]
69	12/11/03 22:16	12/13/03 05:19	31.05	S17BQ4 PS fault [PS]	104666		12/13/03 05:19	12/13/03 06:36	1.28	1.28	PS	PS	PS	Store Lost	S17BQ4 PS fault and swapout [PS]
70	12/13/03 06:36	12/15/03 15:59	57.38	Int Dump: End of Period			12/15/03 15:59	12/15/03 15:59	0.00	0.00	Scheduled				
			141.42						2.57	2.57					
72	12/16/03 08:00	12/22/03 00:00	136.00	Int Dump: End of Period			12/22/03 00:00	12/22/03 00:00	0.00	0.00	Scheduled				
			136.00						0.00	0.00					