Listing of Statistics for Run2-2013 (Created Tue Aug 27 09:06:03 CDT 2013)

User periods in this interval

05/29/2013 08:00 To 06/04/2013 08:00 144.00 Hours, Delivered Beam: 132.83 Hours, 5 Fault(s), 26.57 MTBF, 92.24% of Sched. Time
06/05/2013 08:00 To 06/11/2013 08:00 144.00 Hours, Delivered Beam: 137.87 Hours, 2 Fault(s), 68.94 MTBF, 95.75% of Sched. Time
06/12/2013 08:00 To 06/18/2013 08:00 144.00 Hours, Delivered Beam: 141.73 Hours, 2 Fault(s), 70.86 MTBF, 98.42% of Sched. Time
06/19/2013 08:00 To 06/24/2013 08:00 120.00 Hours, Delivered Beam: 120.00 Hours, 0 Fault(s),120.00 MTBF,100.00% of Sched. Time
06/26/2013 08:00 To 07/04/2013 08:00 192.00 Hours, Delivered Beam: 179.70 Hours, 4 Fault(s), 44.93 MTBF, 93.60% of Sched. Time
07/05/2013 08:00 To 07/09/2013 08:00 96.00 Hours, Delivered Beam: 95.99 Hours, 0 Fault(s), 95.99 MTBF, 99.99% of Sched. Time
07/10/2013 08:00 To 07/16/2013 08:00 144.00 Hours, Delivered Beam: 142.92 Hours, 1 Fault(s),142.92 MTBF, 99.25% of Sched. Time
07/17/2013 08:00 To 07/22/2013 08:00 120.00 Hours, Delivered Beam: 118.27 Hours, 1 Fault(s),118.27 MTBF, 98.56% of Sched. Time
07/24/2013 08:00 To 07/30/2013 08:00 144.00 Hours, Delivered Beam: 144.00 Hours, 0 Fault(s),144.00 MTBF,100.00% of Sched. Time
07/31/2013 08:00 To 08/06/2013 08:00 144.00 Hours, Delivered Beam: 133.49 Hours, 2 Fault(s), 66.74 MTBF, 92.70% of Sched. Time
08/07/2013 08:00 To 08/13/2013 08:00 144.00 Hours, Delivered Beam: 144.00 Hours, 0 Fault(s),144.00 MTBF,100.00% of Sched. Time
08/14/2013 08:00 To 08/21/2013 08:00 168.00 Hours, Delivered Beam: 161.64 Hours, 3 Fault(s), 53.88 MTBF, 96.22% of Sched. Time

Total Amount of User Time in this interval	**1703.95 Hours**	Delivered Beam	1652.44 Hours
Percentage of Scheduled Time (*)	**96.98 %**		
Mean Time Between Faults (MTBF)	**82.62 Hours**		
Downtime During Period	51.51 Hours		
Total integrated Current During This Period	162.77 A-hr		
Mean Fill Duration in Period	78.69 Hours		
Faults per Day of Delivered Beam	0.29		
Total Number of Faults	20		

Valid fills Beginning in this Time Interval

Fill #	Start		End	Duration (min: 1.0)	Reason for Fill Termination	Length of Downtime	Downtime is associated with the end of a fill. The first fill of a any downtime before the fill on the line above
						0.00	
# 1	05/29 08:00	To	05/30 10:39	26.66	16BM PSS trip [SI]	1.30	Recovered RF systems and P.S., refilled
# 2	05/30 11:57	To	05/30 22:38	10.68	S38 Cav 1&2 IG fault[RF]	1.75	Waveguide switch, Kalmus ALC fault, refill
# 3	05/31 00:23	To	05/31 10:52	10.48	RF2 T/R N2 pressure[RF]	1.79	Gespac & BPM problem Rf[.65hr],PS[.97hr],Diag[.16hr

# 4	05/31 12:39	To	05/31 18:42	6.05	16-ID PSS trip [SI]	0.62	Recovered RF&PS, refilled
# 5	05/31 19:19	To	06/03 02:19	55.00	S40 VXI fault [RF]	5.71	2 add.trips, VXI P.S. replaced [RF]
# 8	06/03 08:02	To	06/04 07:59	23.96	Int Dump: End of Period	0.00	
						1.42	S38 RF Cav Vac trip[RF]
# 10	06/05 09:25	To	06/05 16:25	7.00	S38 RF Cav Vac trip[RF]	1.57	Raised trip limit, refilled
# 11	06/05 17:59	To	06/07 21:37	51.63	S16B:S2 P.S. glitch [PS]	3.14	Swapped supply,P0fdbk problem 2.36hr[PS],.77hr[AOP]
# 12	06/08 00:45	To	06/11 07:59	79.25	Int Dump: End of Period	0.00	
						0.00	
# 13	06/12 08:00	To	06/12 09:03	1.05	RTFB problem [OTH]	0.34	Removed card from the IOC, refilled
# 14	06/12 09:23	To	06/13 09:41	24.30	RTFB IOC reboot[AOP]	1.93	Investigate, replaced card [.5 hr,AOP][1.43 hr,CTL
# 15	06/13 11:36	To	06/18 07:59	116.38	Int Dump: End of Period	0.00	
						0.00	
# 16	06/19 08:00	To	06/24 07:59	120.00	Int Dump: End of Period	0.00	
						7.64	S37 Scraper removal {under investigation]
# 17	06/26 15:38	To	06/27 15:17	23.65	S39B:Q1 p.s. glitch[PS]	0.67	Investigation & refill
# 18	06/27 15:57	To	06/30 02:51	58.90	14-ID PSS SS fault[SI]	0.83	14-ID offline, condition SR dipole, refill
# 19	06/30 03:41	To	07/02 06:51	51.16	RF2 Kly Arc [RF]	1.49	Reset[.5hrRF],P.S.swap[.59hrPS],H2Oglitch[.4hrMOM]
# 20	07/02 08:20	To	07/03 05:28	21.13	S6A:S1 trip[P.S.]	1.67	S7A:Q4 P.S. tripped when conditioned, swapped [PS]
# 21	07/03 07:08	To	07/04 07:59	24.86	Int Dump: End of Period	0.00	
						0.00	
# 22	07/05 08:00	To	07/09 07:59	95.99	Int Dump: End of Period	0.00	
						0.00	
# 23	07/10 08:00	To	07/12 10:39	50.65	S22Vac Valve fault[MOM]	1.08	Investigation and refill
# 24	07/12 11:43	To	07/16 07:59	92.27	Int Dump: End of Period	0.00	
						0.00	
# 25	07/17 08:00	To	07/19 12:45	52.76	12BM FE-EPS trip[SI]	1.72	Replaced processor, cleared fault, refilled
# 26	07/19 14:29	To	07/22 07:59	65.51	Int Dump: End of Period	0.00	

						0.00	
# 27	07/24 08:00	To	07/30 07:59	144.00	Int Dump: End of Period	0.00	
						0.00	
# 28	07/31 08:00	To	08/01 16:48	32.81	RF3 Mod Anode fault[RF]	3.96	2nd Fault, waveguide switch
# 30	08/01 20:46	To	08/02 04:34	7.81	Com-Ed Power sag [OTH]	6.55	Multiple systems recovered in all machines
# 31	08/02 11:07	To	08/06 07:59	92.87	Int Dump: End of Period	0.00	
						0.00	
# 32	08/07 08:00	To	08/13 07:59	144.00	Int Dump: End of Period	0.00	
						0.00	
# 33	08/14 08:00	To	08/15 10:09	26.15	GESPAC glitch [PS]	1.37	Conditioned P.S., refilled
# 34	08/15 11:31	To	08/15 16:00	4.49	ACIS fault [SI]	4.59	Search,P.S.fault,conditionP.S.[.9hr,PS][3.69hr,SI
# 35	08/15 20:36	To	08/19 16:16	91.67	IEX corr. glitch[P.S.]	0.40	Investigation, refill
# 36	08/19 16:39	To	08/21 07:59	39.34	Int Dump: End of Period	0.00	

Top-Up Mode Statistics

Target Current Range +/- 2.0, Minimum Injector Downtime = 8.0 minutes

Total

Current in Range during Scheduled Topup Time	89.92 %
Current in Range during Delivered Beam Time	93.02 %
Injector Availability	92.88 %

Period Beginning 05/29/2013 08:00

Current in Range	73.82 %
Injector Availability	73.84 %

Out of Range at:	05/29/2013 08:00:16	to	05/30/2013 10:39:36 :	1599.33 minutes
Injector downtime:	05/29/2013 07:55:20	to	05/30/2013 10:39:32 :	1604.20 minutes

Out of Range at:	05/30/2013 11:57:36	to	05/30/2013 16:56:48 :	299.20 minutes
Injector downtime:	05/30/2013 11:53:24	to	05/30/2013 13:23:36 :	90.20 minutes
Injector downtime:	05/30/2013 13:47:04	to	05/30/2013 16:52:32 :	185.47 minutes
Out of Range at:	05/31/2013 10:35:44	to	05/31/2013 10:52:00 :	16.27 minutes
Injector downtime:	05/31/2013 10:30:48	to	05/31/2013 10:51:56 :	21.13 minutes
Out of Range at:	05/31/2013 18:15:36	to	05/31/2013 18:31:12 :	15.60 minutes
Injector downtime:	05/31/2013 18:10:40	to	05/31/2013 18:30:12 :	19.53 minutes
Out of Range at:	06/01/2013 11:36:48	to	06/01/2013 14:00:00 :	143.20 minutes
Injector downtime:	06/01/2013 11:31:52	to	06/01/2013 13:59:56 :	148.07 minutes
Out of Range at:	06/03/2013 15:29:52	to	06/03/2013 15:42:56 :	13.07 minutes
Injector downtime:	06/03/2013 15:24:56	to	06/03/2013 15:40:48 :	15.87 minutes

Period Beginning 06/05/2013 08:00

Current in Range	81.88 %
Injector Availability	81.86 %

Out of Range at:	06/05/2013 14:00:16	to	06/05/2013 15:43:04 :	102.80 minutes
Injector downtime:	06/05/2013 13:55:20	to	06/05/2013 15:42:00 :	106.67 minutes
Out of Range at:	06/05/2013 17:59:28	to	06/06/2013 15:10:40 :	1271.20 minutes
Injector downtime:	06/05/2013 17:54:32	to	06/06/2013 14:34:24 :	1239.87 minutes
Injector downtime:	06/06/2013 14:39:52	to	06/06/2013 14:48:24 :	8.53 minutes
Injector downtime:	06/06/2013 14:53:40	to	06/06/2013 15:08:32 :	14.87 minutes
Out of Range at:	06/07/2013 16:25:28	to	06/07/2013 16:50:48 :	25.33 minutes
Injector downtime:	06/07/2013 16:20:32	to	06/07/2013 16:48:40 :	28.13 minutes
Out of Range at:	06/08/2013 01:24:32	to	06/08/2013 02:17:52 :	53.33 minutes
Injector downtime:	06/08/2013 01:19:36	to	06/08/2013 02:15:44 :	56.13 minutes
Out of Range at:	06/08/2013 02:54:32	to	06/08/2013 03:40:40 :	46.13 minutes
Injector downtime:	06/08/2013 02:49:36	to	06/08/2013 03:36:24 :	46.80 minutes

Period Beginning 06/12/2013 08:00

Current in Range			90.43 %	
Injector Availability			89.75 %	
Out of Range at:	06/12/2013 20:49:12	to	06/12/2013 20:50:08 :	0.93 minutes
Injector downtime:	06/12/2013 20:41:12	to	06/12/2013 20:49:12 :	~ 8.00 minutes
Out of Range at:	06/13/2013 01:34:56	to	06/13/2013 01:35:20 :	0.40 minutes
Injector downtime:	06/13/2013 01:26:56	to	06/13/2013 01:34:56 :	~ 8.00 minutes
Out of Range at:	06/14/2013 02:08:40	to	06/14/2013 08:30:24 :	381.73 minutes
Injector downtime:	06/14/2013 02:03:44	to	06/14/2013 08:30:20 :	386.60 minutes
Out of Range at:	06/14/2013 09:06:24	to	06/14/2013 10:42:16 :	95.87 minutes
Injector downtime:	06/14/2013 09:01:28	to	06/14/2013 10:40:08 :	98.67 minutes
Out of Range at:	06/15/2013 00:46:56	to	06/15/2013 01:18:16 :	31.33 minutes
Injector downtime:	06/15/2013 00:42:00	to	06/15/2013 01:16:00 :	34.00 minutes
Out of Range at:	06/15/2013 06:55:20	to	06/15/2013 07:04:24 :	9.07 minutes
Injector downtime:	06/15/2013 06:50:24	to	06/15/2013 07:04:20 :	13.93 minutes
Out of Range at:	06/15/2013 07:10:08	to	06/15/2013 07:10:24 :	0.27 minutes
Injector downtime:	06/15/2013 07:02:08	to	06/15/2013 07:10:08 :	~ 8.00 minutes
Out of Range at:	06/16/2013 22:01:28	to	06/16/2013 22:40:24 :	38.93 minutes
Injector downtime:	06/16/2013 21:56:32	to	06/16/2013 22:38:08 :	41.60 minutes
Out of Range at:	06/16/2013 23:21:04	to	06/16/2013 23:54:16 :	33.20 minutes
Injector downtime:	06/16/2013 23:16:08	to	06/16/2013 23:48:00 :	31.87 minutes
Out of Range at:	06/17/2013 02:38:16	to	06/17/2013 02:50:16 :	12.00 minutes
Injector downtime:	06/17/2013 02:33:20	to	06/17/2013 02:48:00 :	14.67 minutes
Out of Range at:	06/17/2013 06:18:08	to	06/17/2013 06:20:48 :	2.67 minutes
Injector downtime:	06/17/2013 06:10:08	to	06/17/2013 06:18:08 :	~ 8.00 minutes
Out of Range at:	06/17/2013 07:37:20	to	06/17/2013 10:54:48 :	197.47 minutes
Injector downtime:	06/17/2013 07:32:24	to	06/17/2013 10:54:44 :	202.33 minutes
Out of Range at:	06/17/2013 16:13:04	to	06/17/2013 16:20:48 :	7.73 minutes
Injector downtime:	06/17/2013 16:05:04	to	06/17/2013 16:13:04 :	~ 8.00 minutes

Out of Range at:	06/17/2013 17:55:36	to	06/17/2013 17:58:08 :	2.53 minutes
Injector downtime:	06/17/2013 17:47:36	to	06/17/2013 17:55:36 :	~ 8.00 minutes

Period Beginning 06/19/2013 08:00

Current in Range	100.00 %
Injector Availability	100.00 %

Period Beginning 06/26/2013 08:00

Current in Range	98.19 %
Injector Availability	98.02 %

Out of Range at:	06/26/2013 17:52:40	to	06/26/2013 18:11:04 :	18.40 minutes
Injector downtime:	06/26/2013 17:47:44	to	06/26/2013 18:11:00 :	23.27 minutes
Out of Range at:	07/01/2013 14:57:44	to	07/01/2013 15:58:40 :	60.93 minutes
Injector downtime:	07/01/2013 14:52:48	to	07/01/2013 15:58:36 :	65.80 minutes
Out of Range at:	07/02/2013 08:35:36	to	07/02/2013 09:19:28 :	43.87 minutes
Injector downtime:	07/02/2013 08:30:40	to	07/02/2013 09:18:08 :	47.47 minutes
Out of Range at:	07/04/2013 04:57:28	to	07/04/2013 06:09:44 :	72.27 minutes
Injector downtime:	07/04/2013 04:52:32	to	07/04/2013 06:09:40 :	77.13 minutes

Period Beginning 07/05/2013 08:00

Current in Range	100.00 %
Injector Availability	100.00 %

Period Beginning 07/24/2013 08:00

Current in Range	97.79 %
Injector Availability	97.65 %

Out of Range at:	07/24/2013 08:00:16	to	07/24/2013 08:15:52 :	15.60 minutes

Injector downtime:	07/24/2013 07:55:20	to	07/24/2013 08:15:48 :	20.47 minutes
Out of Range at:	07/24/2013 21:26:48	to	07/24/2013 22:24:32 :	57.73 minutes
Injector downtime:	07/24/2013 21:21:52	to	07/24/2013 22:22:12 :	60.33 minutes
Out of Range at:	07/27/2013 19:12:40	to	07/27/2013 19:20:48 :	8.13 minutes
Injector downtime:	07/27/2013 19:04:40	to	07/27/2013 19:12:40 :	~ 8.00 minutes
Out of Range at:	07/28/2013 15:50:24	to	07/28/2013 17:40:08 :	109.73 minutes
Injector downtime:	07/28/2013 15:45:36	to	07/28/2013 17:39:36 :	114.00 minutes

Period Beginning 07/31/2013 08:00

Current in Range	95.48 %
Injector Availability	95.29 %

Out of Range at:	07/31/2013 08:00:32	to	07/31/2013 08:00:40 :	0.13 minutes
Injector downtime:	07/31/2013 07:52:32	to	07/31/2013 08:00:32 :	~ 8.00 minutes
Out of Range at:	08/01/2013 21:33:20	to	08/02/2013 03:30:56 :	357.60 minutes
Injector downtime:	08/01/2013 21:28:24	to	08/02/2013 03:29:52 :	361.47 minutes
Out of Range at:	08/02/2013 21:27:28	to	08/02/2013 21:31:36 :	4.13 minutes
Injector downtime:	08/02/2013 21:19:28	to	08/02/2013 21:27:28 :	~ 8.00 minutes

Period Beginning 08/07/2013 08:00

Current in Range	100.00 %
Injector Availability	100.00 %

The information on this page is automatically generated and may contain errors.
An official operations statistics page will be posted at the end of each user period.