Listing of Statistics for Run3-2013 (Created Fri Dec 20 08:05:25 CST 2013)

User periods in this interval

10/01/2013 08:01 To 10/08/2013 08:00 167.98 Hours, Delivered Beam: 159.17 Hours, 6 Fault(s), 26.53 MTBF, 94.75% of Sched. Time
10/09/2013 08:00 To 10/15/2013 08:00 144.00 Hours, Delivered Beam: 142.51 Hours, 1 Fault(s),142.51 MTBF, 98.97% of Sched. Time
10/16/2013 08:00 To 10/22/2013 08:00 144.00 Hours, Delivered Beam: 133.61 Hours, 2 Fault(s), 66.81 MTBF, 92.78% of Sched. Time
10/23/2013 08:00 To 10/28/2013 08:00 120.00 Hours, Delivered Beam: 119.99 Hours, 0 Fault(s),119.99 MTBF, 99.99% of Sched. Time
10/30/2013 08:00 To 11/05/2013 08:00 145.00 Hours, Delivered Beam: 142.49 Hours, 0 Fault(s),142.49 MTBF, 98.27% of Sched. Time
11/06/2013 08:00 To 11/11/2013 08:00 120.00 Hours, Delivered Beam: 119.99 Hours, 0 Fault(s),119.99 MTBF, 99.99% of Sched. Time
11/13/2013 08:00 To 11/19/2013 08:00 144.00 Hours, Delivered Beam: 143.99 Hours, 0 Fault(s),143.99 MTBF,100.00% of Sched. Time
11/20/2013 08:00 To 11/27/2013 24:00 184.00 Hours, Delivered Beam: 177.05 Hours, 4 Fault(s), 44.26 MTBF, 96.22% of Sched. Time
11/29/2013 08:00 To 12/03/2013 08:00 96.00 Hours, Delivered Beam: 96.00 Hours, 0 Fault(s), 96.00 MTBF,100.00% of Sched. Time
12/04/2013 08:00 To 12/10/2013 08:00 144.00 Hours, Delivered Beam: 143.25 Hours, 1 Fault(s),143.25 MTBF, 99.48% of Sched. Time
12/11/2013 08:00 To 12/16/2013 24:00 136.00 Hours, Delivered Beam: 133.35 Hours, 1 Fault(s),133.35 MTBF, 98.05% of Sched. Time

Total Amount of User Time in this interval	**1544.93 Hours**	Delivered Beam	1511.40 Hours
Percentage of Scheduled Time (*)	**97.83 %**		
Mean Time Between Faults (MTBF)	**100.76 Hours**		
Downtime During Period	33.54 Hours		
Total integrated Current During This Period	151.67 A-hr		
Mean Fill Duration in Period	94.46 Hours		
Faults per Day of Delivered Beam	0.24		
Total Number of Faults	15		

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 fi any downtime before the fill on the line
						1.01	S21C:BM P.S. Noise investigation [PS]
# 1	10/01 09:01	To	10/02 05:52	20.86	S37 RF Cav Vacuum [RF]	0.27	Investigation, refill
# 2	10/02 06:09	To	10/06 04:42	94.56	S1/2 Pump trip [MOM]	1.45	MOM techs came and started pump, refill
# 3	10/06 06:09	To	10/06 12:38	6.48	S1/2 pump trip [MOM]	1.20	MOM techs came and started pump, refill
# 4	10/06 13:50	To	10/06 17:35	3.74	S1/2 pump trip [MOM]	1.17	MOM techs started pump, bypassed UPS, refill

# 5	10/06 18:45	To	10/07 18:40	23.92	RTFB BPM glitch[CTL]	1.26	Investigation, reboot IOCS17FB, refilled
# 6	10/07 19:56	To	10/08 03:26	7.50	Power sag[COM-ED]	2.45	Rebooted multiple IOCs. conditioned P.S., refilled
# 7	10/08 05:53	To	10/08 08:00	2.11	Int Dump: End of Period	-0.00	
						0.00	
# 8	10/09 08:00	To	10/11 21:19	61.32	RF3 Crowbar [RF]	1.48	Additional faults, waveguide switch, refill
# 9	10/11 22:48	To	10/15 08:00	81.20	Int Dump: End of Period	0.00	
						2.68	Inj. prob.[1.27hrAOP],FB IOC prob.[1.41,CTL]
# 11	10/16 10:40	To	10/16 15:23	4.71	Human Error (AOP)	0.03	Cycled shutter permit key
# 12	10/16 15:25	To	10/22 00:19	128.90	H20 leak @ S12B:Q4[MOM]	7.68	Swap of P.S.[.73hrAOP]Repair leak[6.95hr.MOM]
						0.00	
# 13	10/23 08:00	To	10/28 07:59	119.99	Int Dump: End of Period	0.00	
						2.51	RG2 Water pump trip prevented injection [MOM]
# 14	10/30 10:30	To	11/05 07:59	142.49	Int Dump: End of Period	0.00	
						0.00	
# 15	11/06 08:00	To	11/11 07:59	119.99	Int Dump: End of Period	0.00	
						0.01	
# 16	11/13 08:00	To	11/19 07:59	143.99	Int Dump: End of Period	0.00	
						0.00	
# 17	11/20 08:00	To	11/20 10:46	2.76	RF4Door Swtch Intlk[RF]	1.19	Jumpered intlk, padlocked transformer door, refill
# 18	11/20 11:57	To	11/21 01:50	13.88	Iocrf3hvps reboot[CTL]	0.40	Investigation and refill
# 19	11/21 02:14	To	11/22 12:55	34.69	420 RF TS rad mon [ESH]	0.46	Spurious rad monitor trip, reset RF3, refill
# 20	11/22 13:23	To	11/24 05:25	40.02	MPS VV interlock[MOM]	4.90	Investigation,latch card replaced, valve cycled
# 21	11/24 10:18	To	11/27 23:59	85.68	Int Dump: End of Period	0.00	
						0.00	
# 22	11/29 08:00	To	12/03 07:59	96.00	Int Dump: End of Period	0.00	
						0.00	

# 23	12/04 08:00	To	12/10 01:17	137.29	Bad OC config [AOP]	0.75	IOCS40fb comm. loss,refill .57hr[AOP],.18hr[CTL]
# 24	12/10 02:02	To	12/10 07:59	5.96	Int Dump: End of Period	0.00	
						0.01	
# 25	12/11 08:00	To	12/13 14:33	54.55	BPLD trip[UNK]	2.65	RF trip,.5hr[Unk],1.3hr.[PS],.5hr[RF],.35hr.[AOP]
# 27	12/13 17:12	To	12/17 00:00	78.79	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	95.62 %
Current in Range during Delivered Beam Time	97.95 %
Injector Availability	97.76 %

Period Beginning 10/01/2013 08:01

Current in Range	99.60 %
Injector Availability	99.52 %

Out of Range at:	10/04/2013 05:19:28	to	10/04/2013 05:28:48 :	9.33 minutes
Injector downtime:	10/04/2013 05:14:32	to	10/04/2013 05:28:44 :	14.20 minutes
Out of Range at:	10/06/2013 21:56:56	to	10/06/2013 22:25:36 :	28.67 minutes
Injector downtime:	10/06/2013 21:52:00	to	10/06/2013 22:23:20 :	31.33 minutes

Period Beginning 10/09/2013 08:00

Current in Range	99.07 %
Injector Availability	99.01 %

Out of Range at:	10/09/2013 10:34:56	to	10/09/2013 11:54:40 :	79.73 minutes
Injector downtime:	10/09/2013 10:30:00	to	10/09/2013 11:54:36 :	84.60 minutes

Period Beginning 10/16/2013 08:00

Current in Range	99.32 %
Injector Availability	99.17 %

Out of Range at:	10/18/2013 16:39:20	to	10/18/2013 17:32:48 :	53.47 minutes
Injector downtime:	10/18/2013 16:34:24	to	10/18/2013 17:32:44 :	58.33 minutes
Out of Range at:	10/21/2013 05:14:08	to	10/21/2013 05:14:48 :	0.67 minutes
Injector downtime:	10/21/2013 05:06:08	to	10/21/2013 05:14:08 :	~ 8.00 minutes

Period Beginning 10/23/2013 08:00

Current in Range	97.07 %
Injector Availability	96.93 %

Out of Range at:	10/23/2013 18:16:16	to	10/23/2013 18:57:12 :	40.93 minutes
Injector downtime:	10/23/2013 18:11:20	to	10/23/2013 18:54:56 :	43.60 minutes
Out of Range at:	10/25/2013 02:29:04	to	10/25/2013 02:51:12 :	22.13 minutes
Injector downtime:	10/25/2013 02:24:08	to	10/25/2013 02:48:56 :	24.80 minutes
Out of Range at:	10/27/2013 08:01:36	to	10/27/2013 10:29:20 :	147.73 minutes
Injector downtime:	10/27/2013 07:56:40	to	10/27/2013 10:29:16 :	152.60 minutes

Period Beginning 10/30/2013 08:00

Current in Range	97.23 %
Injector Availability	97.02 %

Out of Range at:	10/30/2013 13:28:48	to	10/30/2013 14:31:44 :	62.93 minutes
Injector downtime:	10/30/2013 13:23:52	to	10/30/2013 14:31:40 :	67.80 minutes
Out of Range at:	10/30/2013 15:47:52	to	10/30/2013 16:30:40 :	42.80 minutes
Injector downtime:	10/30/2013 15:42:56	to	10/30/2013 16:29:20 :	46.40 minutes
Out of Range at:	10/30/2013 16:42:48	to	10/30/2013 18:31:52 :	109.07 minutes
Injector downtime:	10/30/2013 16:37:52	to	10/30/2013 18:31:48 :	113.93 minutes

Out of Range at:	10/31/2013 03:54:48	to	10/31/2013 04:16:56 :	22.13 minutes
Injector downtime:	10/31/2013 03:49:52	to	10/31/2013 04:16:52 :	27.00 minutes

Period Beginning 11/06/2013 08:00

Current in Range	96.34 %
Injector Availability	96.16 %

Out of Range at:	11/07/2013 02:42:16	to	11/07/2013 03:51:20 :	69.07 minutes
Injector downtime:	11/07/2013 02:37:20	to	11/07/2013 03:50:40 :	73.33 minutes
Out of Range at:	11/07/2013 06:46:32	to	11/07/2013 09:40:24 :	173.87 minutes
Injector downtime:	11/07/2013 06:41:36	to	11/07/2013 09:39:36 :	178.00 minutes
Out of Range at:	11/07/2013 13:51:44	to	11/07/2013 14:12:08 :	20.40 minutes
Injector downtime:	11/07/2013 13:46:48	to	11/07/2013 14:12:04 :	25.27 minutes

Period Beginning 11/13/2013 08:00

Current in Range	98.03 %
Injector Availability	97.60 %

Out of Range at:	11/13/2013 09:14:48	to	11/13/2013 10:30:00 :	75.20 minutes
Injector downtime:	11/13/2013 09:09:52	to	11/13/2013 10:29:56 :	80.07 minutes
Out of Range at:	11/14/2013 13:56:40	to	11/14/2013 14:23:04 :	26.40 minutes
Injector downtime:	11/14/2013 13:51:44	to	11/14/2013 14:23:00 :	31.27 minutes
Out of Range at:	11/15/2013 10:02:40	to	11/15/2013 10:03:20 :	0.67 minutes
Injector downtime:	11/15/2013 09:54:40	to	11/15/2013 10:02:40 :	~ 8.00 minutes
Out of Range at:	11/17/2013 04:00:48	to	11/17/2013 04:01:04 :	0.27 minutes
Injector downtime:	11/17/2013 03:52:48	to	11/17/2013 04:00:48 :	~ 8.00 minutes
Out of Range at:	11/17/2013 05:48:24	to	11/17/2013 05:57:36 :	9.20 minutes
Injector downtime:	11/17/2013 05:43:28	to	11/17/2013 05:57:32 :	14.07 minutes
Out of Range at:	11/17/2013 11:46:16	to	11/17/2013 12:09:36 :	23.33 minutes
Injector downtime:	11/17/2013 11:41:20	to	11/17/2013 12:07:20 :	26.00 minutes

Out of Range at:	11/17/2013 14:00:32	to	11/17/2013 14:36:00 :	35.47 minutes
Injector downtime:	11/17/2013 13:55:36	to	11/17/2013 14:35:56 :	40.33 minutes

Period Beginning 11/20/2013 08:00

Current in Range	97.15 %
Injector Availability	96.79 %

Out of Range at:	11/21/2013 06:28:24	to	11/21/2013 06:44:40 :	16.27 minutes
Injector downtime:	11/21/2013 06:23:28	to	11/21/2013 06:44:36 :	21.13 minutes
Out of Range at:	11/21/2013 13:54:16	to	11/21/2013 15:58:16 :	124.00 minutes
Injector downtime:	11/21/2013 13:49:20	to	11/21/2013 15:56:00 :	126.67 minutes
Out of Range at:	11/21/2013 23:49:20	to	11/21/2013 23:49:20 :	0.00 minutes
Injector downtime:	11/21/2013 23:41:20	to	11/21/2013 23:49:20 :	~ 8.00 minutes
Out of Range at:	11/25/2013 07:35:28	to	11/25/2013 07:49:52 :	14.40 minutes
Injector downtime:	11/25/2013 07:30:32	to	11/25/2013 07:47:36 :	17.07 minutes
Out of Range at:	11/25/2013 23:24:40	to	11/25/2013 23:33:52 :	9.20 minutes
Injector downtime:	11/25/2013 23:19:44	to	11/25/2013 23:33:48 :	14.07 minutes
Out of Range at:	11/26/2013 00:38:08	to	11/26/2013 00:48:32 :	10.40 minutes
Injector downtime:	11/26/2013 00:33:12	to	11/26/2013 00:46:16 :	13.07 minutes
Out of Range at:	11/26/2013 04:57:52	to	11/26/2013 06:17:44 :	79.87 minutes
Injector downtime:	11/26/2013 04:52:56	to	11/26/2013 06:13:20 :	80.40 minutes
Out of Range at:	11/26/2013 12:26:16	to	11/26/2013 12:26:48 :	0.53 minutes
Injector downtime:	11/26/2013 12:18:16	to	11/26/2013 12:26:16 :	~ 8.00 minutes
Out of Range at:	11/27/2013 08:08:08	to	11/27/2013 08:26:24 :	18.27 minutes
Injector downtime:	11/27/2013 08:03:12	to	11/27/2013 08:24:08 :	20.93 minutes
Out of Range at:	11/27/2013 14:48:08	to	11/27/2013 15:17:36 :	29.47 minutes
Injector downtime:	11/27/2013 14:43:12	to	11/27/2013 15:15:20 :	32.13 minutes

Period Beginning 11/29/2013 08:00

Current in Range	97.23 %

Injector Availability			97.15 %	
Out of Range at:	11/30/2013 04:15:28	to	11/30/2013 06:55:12 :	159.73 minutes
Injector downtime:	11/30/2013 04:10:32	to	11/30/2013 06:54:32 :	164.00 minutes

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.