Listing of Statistics for Run3-2015 (Created Tue Dec 22 08:05:08 CST 2015)

<u>User periods in this interval</u>

10/06/2015 08:01 To 10/13/2015 08:01 168.00 Hours, Delivered Beam: 165.11 Hours, 2 Fault(s), 82.55 MTBF, 98.28% of Sched. Time
10/14/2015 08:01 To 10/20/2015 08:01 144.00 Hours, Delivered Beam: 142.96 Hours, 1 Fault(s),142.96 MTBF, 99.28% of Sched. Time
10/21/2015 08:01 To 10/27/2015 08:00 143.98 Hours, Delivered Beam: 141.80 Hours, 2 Fault(s), 70.90 MTBF, 98.49% of Sched. Time
10/28/2015 08:01 To 11/02/2015 08:00 120.98 Hours, Delivered Beam: 117.56 Hours, 1 Fault(s),117.56 MTBF, 97.17% of Sched. Time
11/04/2015 08:01 To 11/10/2015 08:00 143.98 Hours, Delivered Beam: 143.36 Hours, 1 Fault(s),143.36 MTBF, 99.57% of Sched. Time
11/11/2015 08:01 To 11/17/2015 08:01 144.00 Hours, Delivered Beam: 142.05 Hours, 2 Fault(s), 71.03 MTBF, 98.65% of Sched. Time
11/18/2015 08:01 To 11/26/2015 00:01 184.00 Hours, Delivered Beam: 182.51 Hours, 1 Fault(s),182.51 MTBF, 99.19% of Sched. Time
11/27/2015 08:01 To 12/01/2015 08:00 95.98 Hours, Delivered Beam: 95.98 Hours, 0 Fault(s), 95.98 MTBF,100.00% of Sched. Time
12/02/2015 08:00 To 12/08/2015 08:00 144.00 Hours, Delivered Beam: 144.00 Hours, 0 Fault(s),144.00 MTBF,100.00% of Sched. Time
12/09/2015 08:01 To 12/15/2015 08:01 144.00 Hours, Delivered Beam: 143.98 Hours, 0 Fault(s),143.98 MTBF, 99.99% of Sched. Time
12/16/2015 08:00 To 12/21/2015 08:01 120.02 Hours, Delivered Beam: 113.72 Hours, 3 Fault(s), 37.91 MTBF, 94.76% of Sched. Time

Total Amount of User Time in this interval	**1552.92 Hours**	Delivered Beam 1533.03 Hours
Percentage of Scheduled Time (*)	**98.72 %**	
Mean Time Between Faults (MTBF)	**117.93 Hours**	
Downtime During Period	19.89 Hours	
Total integrated Current During This Period	153.74 A-hr	
Mean Fill Duration in Period	109.50 Hours	
Faults per Day of Delivered Beam	0.20	
Total Number of Faults	13	

<div align="center">Valid fills Beginning in this Time Interval</div>

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 any downtime before the fill on the line abov
						-0.01	
# 1	10/06 08:00	To	10/08 06:55	46.91	Power event {OTH]	1.63	Multiple systems recovered with troubleshooting
# 2	10/08 08:33	To	10/08 17:02	8.49	S26 Cab.3 Gespac [PS]	1.27	Investigation, standarize, refilled
# 3	10/08 18:18	To	10/13 08:00	109.71	Int Dump: End of Period	0.00	
						0.00	
# 4	10/14 08:01	To	10/15 23:42	39.69	12ID PSS trip [SI]	1.02	Recovered tripped systems, conditioned, filled
# 5	10/16 00:43	To	10/20 08:00	103.27	Int Dump: End of Period	0.02	

							1.03	Human error PS trip, conditioned, refilled [PS]
# 7	10/21 09:02	To	10/22 10:58	25.92	RF1 HV trip [RF]	0.56	Investigation & refill
# 8	10/22 11:31	To	10/22 23:59	12.46	RF2 HV trip[RF]	0.59	Recovered system and reilled.
# 9	10/23 00:35	To	10/27 07:59	103.42	Int Dump: End of Period	0.00	
						0.00	
# 10	10/28 08:01	To	10/28 12:55	4.90	S40B:V4 P.S. glitch{PS}	3.42	2nd trip, investigation, swap-out supply P.S.
# 12	10/28 16:20	To	11/02 07:59	112.65	Int Dump: End of Period	0.00	
						0.18	Multiple issues [AOP]
# 13	11/04 08:12	To	11/04 14:27	6.26	S10B:V1 glitch [PS]	0.44	Investigation, refille
# 14	11/04 14:54	To	11/10 07:59	137.10	Int Dump: End of Period	0.00	
						0.00	
# 15	11/11 08:01	To	11/13 10:31	50.51	S1B:S2 P.S. trip [PS]	1.17	Swapped that supply & another, conditioned, refill
# 16	11/13 11:42	To	11/16 17:53	78.19	12ID PSSS trip [SI]	0.75	Taken off-line, recoveres tripped systems
# 17	11/16 18:39	To	11/17 07:59	13.35	Int Dump: End of Period	0.02	
						1.00	Booted wrong IOCs causing timing issue [AOP]
# 18	11/18 09:01	To	11/25 12:52	171.86	S10A:Q3 glitch [PS]	0.48	Investigation & refill
# 19	11/25 13:21	To	11/26 00:00	10.66	Int Dump: End of Period	0.00	
						0.00	
# 20	11/27 08:01	To	12/01 07:59	95.98	Starting Supplemental	0.00	
						0.00	
# 21	12/02 08:00	To	12/08 07:59	144.00	Int Dump: End of Period	0.00	
						0.00	
# 22	12/09 08:01	To	12/15 07:59	143.98	Int Dump: End of Period	0.02	
						0.00	
# 23	12/16 08:00	To	12/17 12:28	28.47	Absorber Ct. trip [CTL]	0.88	Recovered systems and refilled
# 24	12/17 13:21	To	12/20 09:57	68.62	Mtpl. P.S.&RF trip[RF]	1.59	Conditioned supplies, recovered systems, refilled
# 25	12/20 11:33	To	12/20 14:11	2.64	Int.Dump for RF LOTO[RF]	3.80	F.D. put out fire, removed LOTO& recovered RF
# 26	12/20 17:59	To	12/21 07:59	14.00	Int Dump: End of Period	0.02	

Top-Up Mode Statistics

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

Total

Current in Range during Scheduled Topup Time		88.07 %		
Current in Range during Delivered Beam Time		98.30 %		
Injector Availability		98.22 %		

Period Beginning 10/06/2015 08:01

Current in Range		99.66 %		
Injector Availability		99.76 %		

Out of Range at:	10/06/2015 16:52:48	to	10/06/2015 17:04:08 :	11.33 minutes
Injector downtime:	10/06/2015 16:44:48	to	10/06/2015 16:52:48 :	~ 8.00 minutes

Period Beginning 10/14/2015 08:01

Current in Range		100.00 %		
Injector Availability		100.00 %		

Period Beginning 10/21/2015 08:01

Current in Range		99.89 %		
Injector Availability		99.83 %		

Out of Range at:	10/21/2015 09:11:20	to	10/21/2015 09:20:56 :	9.60 minutes
Injector downtime:	10/21/2015 09:06:24	to	10/21/2015 09:20:52 :	14.47 minutes

Period Beginning 10/28/2015 08:01

Current in Range		96.89 %		
Injector Availability		96.60 %		

Out of Range at:	10/29/2015 01:22:00	to	10/29/2015 01:43:28 :	21.47 minutes

Injector downtime:	10/29/2015 01:17:04	to	10/29/2015 01:43:24 :	26.33 minutes
Out of Range at:	10/29/2015 02:32:24	to	10/29/2015 05:45:04 :	192.67 minutes
Injector downtime:	10/29/2015 02:27:28	to	10/29/2015 05:45:00 :	197.53 minutes
Out of Range at:	10/31/2015 00:29:44	to	10/31/2015 00:30:32 :	0.80 minutes
Injector downtime:	10/31/2015 00:21:44	to	10/31/2015 00:29:44 :	~ 8.00 minutes
Out of Range at:	11/01/2015 19:12:08	to	11/01/2015 19:16:32 :	4.40 minutes
Injector downtime:	11/01/2015 19:04:08	to	11/01/2015 19:12:08 :	~ 8.00 minutes

Period Beginning 11/04/2015 08:01
Current in Range   98.18 %
Injector Availability   98.13 %

Out of Range at:	11/09/2015 03:34:16	to	11/09/2015 06:11:12 :	156.93 minutes
Injector downtime:	11/09/2015 03:29:20	to	11/09/2015 06:09:52 :	160.53 minutes

Period Beginning 11/11/2015 08:01
Current in Range   100.00 %
Injector Availability   100.00 %

Period Beginning 11/18/2015 08:01
Current in Range   92.86 %
Injector Availability   92.71 %

Out of Range at:	11/18/2015 15:31:04	to	11/18/2015 23:41:52 :	490.80 minutes
Injector downtime:	11/18/2015 15:26:08	to	11/18/2015 23:40:00 :	493.87 minutes
Out of Range at:	11/21/2015 02:40:08	to	11/21/2015 05:21:12 :	161.07 minutes
Injector downtime:	11/21/2015 02:35:12	to	11/21/2015 05:21:08 :	165.93 minutes
Out of Range at:	11/21/2015 15:25:12	to	11/21/2015 15:39:12 :	14.00 minutes
Injector downtime:	11/21/2015 15:20:16	to	11/21/2015 15:39:08 :	18.87 minutes
Out of Range at:	11/24/2015 06:03:12	to	11/24/2015 07:13:12 :	70.00 minutes
Injector downtime:	11/24/2015 05:58:16	to	11/24/2015 07:10:56 :	72.67 minutes

Period Beginning 11/27/2015 08:01

Current in Range   100.00 %
Injector Availability   100.00 %

Period Beginning 12/02/2015 08:00

Current in Range   99.44 %
Injector Availability   99.31 %

Out of Range at: 12/07/2015 12:41:20   to   12/07/2015 13:28:16 :   46.93 minutes
Injector downtime: 12/07/2015 12:36:24   to   12/07/2015 13:28:12 :   51.80 minutes
Out of Range at: 12/07/2015 14:07:44   to   12/07/2015 14:08:56 :   1.20 minutes
Injector downtime: 12/07/2015 13:59:44   to   12/07/2015 14:07:44 :   ~ 8.00 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.