

Listing of Statistics for Run3-1999

Total Amount of User Time in this interval 832.04 Hours

User periods in this interval

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06/02/1999 08:00 To 06/08/1999 08:01 144.02 Hours
06/08/1999 15:55 To 06/14/1999 08:00 136.07 Hours
06/16/1999 08:01 To 06/22/1999 08:01 144.01 Hours
06/22/1999 16:00 To 06/28/1999 07:59 135.99 Hours
06/30/1999 08:01 To 07/06/1999 08:00 143.98 Hours
07/06/1999 16:01 To 07/11/1999 24:00 127.98 Hours
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Delivered Beam                805.59 Hours
Percentage of Scheduled Time   96.82 %
Downtime During Period        26.45 Hours
Percentage of scheduled time SR current > 10 ma 97.66 %
Average Delivered Current During This Period 72.60 ma
Total integrated Current During This Period 58.49 A-hr
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Data from an on going fill (if one exists) is not used in Fill length calculations.

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Mean Fill Duration in Period      25.17 Hours
Mean Fill Duration from Poisson Fit 28.44 Hours
Mean Time Between Faults (MTBF)   25.99 Hours
Faults per Day of Delivered Beam  0.92
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Valid fills Beginning in this Time Interval	Reason for	Length	Downtime is associated with the end of a fill.
Fill# Start End Duration	Fill Termination	of	The first fill of a period will have any
		Downtime	downtime before the fill on the line above.
# 1 06/02 08:00 To 06/02 19:48 11.80	shutter open fill [OTH]	0.00	
# 2 06/02 20:26 To 06/03 07:49 11.38	shutter open fill [OTH]	0.63 recovery	
# 3 06/03 08:10 To 06/03 14:05 5.92	ID4 EPS trip [BL]	0.34 recovery	
# 4 06/03 14:58 To 06/03 19:48 4.85	shutter open fill [OTH]	0.88 recovery,	scdu card replacement -> bpld validation
# 5 06/03 20:25 To 06/04 07:45 11.32	Int Refill: Low Current	0.62 recovery	
# 6 06/04 07:53 To 06/04 10:20 2.45	rad mon investgation[OPS]	0.14 .....	
# 7 06/04 10:56 To 06/04 19:45 8.81	Int Refill: Low Current	0.59 recovery	
# 8 06/04 19:52 To 06/04 23:09 3.27	rf4 crowbar [RF]	0.13 .....	
# 9 06/04 23:34 To 06/05 07:45 8.18	Int Refill: Low Current	0.42 recovery,	gaps open slowly
# 10 06/05 07:50 To 06/05 10:17 2.46	Comm loss S18/19 PS[CTL]	0.08 .....	
# 11 06/05 10:37 To 06/05 19:44 9.13	Int Refill: Low Current	0.32 recovery	
# 12 06/05 19:54 To 06/06 00:42 4.80	Lost comm S2/3 PS [PS]	0.16 .....	
# 13 06/06 00:56 To 06/06 02:56 1.99	rf4 orphan load [RF]	0.24 recovery	
# 14 06/06 03:15 To 06/06 07:44 4.48	Int Refill: Low Current	0.33 recovery	
# 15 06/06 07:49 To 06/07 04:03 20.24	brf prob [RF]	0.08 .....	
# 16 06/07 05:38 To 06/07 10:42 5.05	wtr pres. int fault[H2O]	1.59 booster rf fix	
# 17 06/07 11:49 To 06/07 19:45 7.92	Int Refill: Low Current	1.13 recovery	
# 18 06/07 19:49 To 06/07 21:56 2.12	rf4 crowbar [RF]	0.08 .....	
# 19 06/07 22:15 To 06/08 08:00 9.75	Int Dump: End of Period	0.31 recovery	
		0.02	
		0.00	

# 23	06/08 15:55	To	06/11 20:23	76.46	power glitch [OTH]	0.29 recovery
# 30	06/11 20:40	To	06/14 08:00	59.32	Int Dump: End of Period	0.00 .....
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# 36	06/16 08:05	To	06/17 02:22	18.28	EPS trip 35ID [BL]	0.08 orbit correction problems
# 39	06/17 02:51	To	06/18 04:34	25.71	Unknown beam motion[OTH]	0.49 recovery
# 41	06/18 04:57	To	06/18 10:35	5.63	EPS trip 35ID [BL]	0.39 recovery
# 44	06/18 10:47	To	06/19 22:57	36.16	rf4 orphan load [RF]	0.21 recovery
# 49	06/19 23:32	To	06/21 07:48	32.27	Unknown, during inj[OTH]	0.59 trouble injecting
# 51	06/21 08:19	To	06/21 13:10	4.85	rf#4 crowbar [RF]	0.52 recovery
# 53	06/21 15:25	To	06/22 07:59	16.57	Int Dump: End of Period	2.25 booster dipole PS problem
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# 56	06/22 17:41	To	06/24 07:47	38.10	loss during inj [OTH]	0.03 .....
# 58	06/24 08:11	To	06/24 19:44	11.56	IOC Reboot [CTL]	1.68 Network problems after upgrade of switch firmware
# 59	06/24 19:53	To	06/24 22:48	2.92	rf4 corwbar [RF]	0.40 communications problems with sectors 39 and 40
# 63	06/24 23:07	To	06/27 20:01	68.91	S34BH3 set point [PS]	0.14 .....
# 67	06/27 20:13	To	06/28 07:59	11.77	Int Dump: End of Period	0.30 recovery
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# 69	06/30 08:01	To	07/01 21:47	37.77	Raw 12/13 trip H2O [PS]	0.21 recovery
# 72	07/01 22:17	To	07/02 03:17	5.01	raw 12/13 trip H2O [PS]	0.00
# 73	07/02 04:01	To	07/02 09:46	5.76	raw 12/13 trip H2O [PS]	0.49 recovery
# 76	07/02 11:15	To	07/03 12:46	25.51	S10A:V2:PS trip [PS]	0.72 recovery
# 79	07/03 15:23	To	07/04 15:18	23.91	rf4 orphan load [RF]	1.47 repair, recovery
# 82	07/04 17:56	To	07/05 15:07	21.19	PS comm problem [PS]	2.62 linac rf gun2 kicker problems
# 85	07/05 16:31	To	07/06 08:00	15.48	Int Dump: End of Period	2.64 MCR UPS problem
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# 87	07/06 16:05	To	07/07 00:30	8.41	power bump [CTL]	1.39 recovery
# 89	07/07 01:27	To	07/08 06:58	29.52	EPS Trip [BL]	0.00 .....
# 94	07/08 07:25	To	07/11 24:00	88.58	Int Dump: End of Period	0.08