Listing of Statistics for Run1-2004 (Created Mon May 03 15:09:03 CDT 2004)

Total Amount of User Time in this interval 1646.92 Hours

User periods in this interval

01/29/2004 08:01 To 02/02/2004 16:01 104.00 Hours, Delivered Beam: 101.64 Hours, 2 Fault(s), 50.82 MTBF, 97.73% of Sched. Time
02/03/2004 08:00 To 02/09/2004 08:00 144.00 Hours, Delivered Beam: 143.61 Hours, 1 Fault(s), 143.61 MTBF, 99.73% of Sched. Time
02/11/2004 08:00 To 02/17/2004 08:00 144.00 Hours, Delivered Beam: 141.12 Hours, 3 Fault(s), 47.04 MTBF, 98.00% of Sched. Time
02/17/2004 16:00 To 02/23/2004 08:00 136.00 Hours, Delivered Beam: 133.97 Hours, 3 Fault(s), 44.66 MTBF, 98.51% of Sched. Time
02/25/2004 08:00 To 03/01/2004 16:01 128.02 Hours, Delivered Beam: 112.73 Hours, 2 Fault(s), 56.37 MTBF, 88.06% of Sched. Time
03/02/2004 08:00 To 03/08/2004 08:00 144.00 Hours, Delivered Beam: 142.76 Hours, 2 Fault(s), 71.38 MTBF, 99.14% of Sched. Time
03/10/2004 08:00 To 03/16/2004 08:00 144.00 Hours, Delivered Beam: 142.36 Hours, 2 Fault(s), 71.18 MTBF, 98.86% of Sched. Time
03/16/2004 16:01 To 03/22/2004 08:01 136.00 Hours, Delivered Beam: 135.70 Hours, 1 Fault(s), 135.70 MTBF, 99.78% of Sched. Time
03/24/2004 08:00 To 03/30/2004 08:00 144.00 Hours, Delivered Beam: 139.76 Hours, 3 Fault(s), 46.59 MTBF, 97.06% of Sched. Time
03/30/2004 16:01 To 04/05/2004 08:00 134.98 Hours, Delivered Beam: 133.64 Hours, 2 Fault(s), 66.82 MTBF, 99.00% of Sched. Time
04/07/2004 08:00 To 04/12/2004 16:00 128.00 Hours, Delivered Beam: 124.19 Hours, 6 Fault(s), 20.70 MTBF, 97.03% of Sched. Time
04/13/2004 08:01 To 04/19/2004 24:00 159.98 Hours, Delivered Beam: 158.50 Hours, 1 Fault(s), 158.50 MTBF, 99.07% of Sched. Time

Delivered Beam   1609.99 Hours
Percentage of Scheduled Time (*)   **97.76 %**
Downtime During Period   36.93 Hours
Percentage of scheduled time SR current > 10 ma 98.51 %
Average Delivered Current During This Period   99.23 ma
Total integrated Current During This Period   159.76 A-hr

Mean Fill Duration in Period   55.52 Hours
Mean Fill Duration from Poisson Fit   63.14 Hours
Mean Time Between Faults (MTBF)   **57.50 Hours**
Faults per Day of Delivered Beam   0.42
Scheduled Topup Time   1239.00 Hours

Length   Downtime is associated with the end of a fill.
 Valid fills Beginning in this Time Interval| Reason for
| of   The first fill of a period will have any
 Fill# Start   End   Duration | Fill Termination
| Downtime   downtime before the fill on the line above.
                                (min: 1.0) |
|


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                                          |
|  0.00
#  1  01/29 08:01  To  01/29 13:01    5.01  | 30ID Radmon failure[Oth]
|  0.62 Contractor damaged monitor, puppet installed.
#  2  01/29 13:38  To  02/02 09:33   91.92  | Power Sag to 90%   [PFS]
|  1.72 PFS energized transformer, sag resulted, refill.
# 11  02/02 11:17  To  02/02 15:59    4.71  | Int Dump: End of Period
|  0.02
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                                          |
|  0.00
# 12  02/03 08:00  To  02/04 11:43   27.72  | Power sag 89%    [ComEd]
|  0.39 Recovery, refill, resume top-up
# 13  02/04 12:06  To  02/09 07:59  115.89  | Int Dump: End of Period
|  0.00
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                                          |
|  0.00
# 14  02/11 08:00  To  02/14 00:38   64.64  | S33EPS Vacuum Fault[VAC]
|  0.88 Fault reset, refill, resume top-up
# 15  02/14 01:31  To  02/15 14:31   37.00  | Gate valve closure [CTL]
|  0.48 Gate valve opened,refill, resume top-up
# 16  02/15 15:00  To  02/16 11:26   20.43  | Zone C MPEOB trip   [PS]
|  1.51 S20-21 tunnel MPEOB strobe failure, refill, top-up
# 17  02/16 12:56  To  02/17 07:59   19.05  | Int Dump: End of Period
|  0.00
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                                          |
|  0.00
# 18  02/17 16:00  To  02/18 09:58   17.97  | LLRF2 Trip         [RF]
|  0.24 Reset RF-2, refill, resume top-up.
# 19  02/18 10:12  To  02/19 11:09   24.94  | LLRF2 Interlock Trip[RF]
|  0.54 S37 cavity 1 tuner by-pass inst., refill, top-up.
# 20  02/19 11:41  To  02/20 07:58   20.29  | S37C3 coupler trip  [RF]
|  1.25 S37 coupler body temp jumpered, refill, top-up
# 21  02/20 09:13  To  02/23 07:59   70.77  | Int Dump: End of Period
|  0.00
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                                          |
|  0.00
# 22  02/25 08:00  To  02/29 21:31  109.52  | S20DBPLD trip      [DIA]
|  7.35 Investigation ongoing, top-up resumed
# 24  03/01 04:52  To  03/01 08:05    3.22  | RTFB Problem       [DIA]
|  7.93 S23/25 Reflective memory problem, Booster vacuum
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                                          |
|  0.00
# 25  03/02 08:00  To  03/02 13:52    5.87  | S29 DSP Hung Up    [DIA]
|  0.82 Beam loss upon initialization of RTFB, refill.
# 26  03/02 14:41  To  03/07 02:50  108.14  | SR-RF3 Trip        [ComEd]
|  0.42 11% power sag at time of RF trip, reset, refill.
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# 36  03/07 03:15  To  03/08 07:59   28.75  | Int Dump: End of Period
|  0.00
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                                                    |
|  0.00
# 40  03/10 08:00  To  03/10 22:05   14.09  | 15-ID DPBLD Trip   [DIAG]
|  0.84 20 min. delay due to 3-ID gap, fill, resume top-up
# 41  03/10 22:55  To  03/11 09:42   10.78  | ACIS Chain C trip   [RF]
|  0.79 ACIS trip due to human error, refill, top-up
# 42  03/11 10:30  To  03/16 07:59  117.49  | Int Dump: End of Period
|  0.00
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                                                    |
|  0.00
# 43  03/16 16:01  To  03/20 10:01   90.01  | Power Sag        [ComEd]
|  0.28 10% power sag, refill, resume top-up.
# 44  03/20 10:18  To  03/22 08:00   45.69  | Int Dump: End of Period
|  0.02
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                                                    |
|  0.00
# 50  03/24 08:00  To  03/24 14:55    6.92  | 4-ID BPLD Trip   [Other]
|  0.37 CPU Mode changed accidentally by User, refill.
# 51  03/24 15:17  To  03/25 11:24   20.12  | 14-ID BPLD Trip    [DIA]
|  3.04 .5 Diag, 2.03 XFD-FE 3-ID switch, ME .51 MPS flow
# 54  03/25 14:27  To  03/27 16:40   50.23  | S3B:H1 PS trip      [PS]
|  0.82 Supply swapped out, refill, resume top-up
# 55  03/27 17:30  To  03/30 07:59   62.50  | Int Dump: End of Period
|  0.00
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                                                    |
|  0.00
# 59  03/30 16:01  To  03/31 06:50   14.82  | S25B:H1 trip       [ME]
|  1.10 Klixon jumpered out, refill, resume top-up.
# 60  03/31 07:56  To  04/05 02:52  113.94  | 15-ID BPLD Trip    [DIA
|  0.24 Refill, resume top-up
# 62  04/05 03:07  To  04/05 07:59    4.87  | Int Dump: End of Period
|  0.00
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                                                    |
|  0.03
# 68  04/07 08:01  To  04/07 10:07    2.09  | 18-ID Rad Trip     [UES]
|  0.84 Spurious trip, not real, refill, resume top-up.
# 69  04/07 10:57  To  04/07 16:14    5.28  | IOCS25FB Hung Task [DIA]
|  0.42 Beam lost after IOC reboot, refill, resume top-up.
# 70  04/07 16:39  To  04/09 12:46   44.12  | S15 ID DBPLD trip [DIA]
|  0.91 Suspect crate problem, refill, resume top-up.
# 71  04/09 13:41  To  04/11 01:02   35.35  | S15 ID DBPLD trip [DIA]
|  0.36 Suspect crate problem, refill, resume top-up.
# 72  04/11 01:23  To  04/12 07:21   29.96  | S15 DPBLD Trip     [DIA]
|  0.45 Same trip as fills 70 & 71. Refill, resume top-up.
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# 73  04/12 07:48  To  04/12 10:35    2.79  | Zone F rad mon      [UES]
|  0.79 Trip not real .5 HP,.29 PS. Refill, resume top-up.
# 74  04/12 11:23  To  04/12 15:59    4.61  | Int Dump: End of Period
|  0.00
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-----------------------------------------------------------------
                                             |
|  0.00
# 75  04/13 08:01  To  04/19 07:12  143.19  | 14-ID FEEPS Trip    [SI]
|  1.48 30min. 14-ID EPS, 5 min. RF-4, 53 min. SR orbit.
# 76  04/19 08:41  To  04/19 23:59   15.31  | Int Dump: End of Period
|  0.00
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An official operations statistics page will be posted at the end of each user period.