

Downtime for Run 2022-3

Fill #	Start	End	Length	Loss Reason	DIN #	Audit	Start	End	User Length	System Length	Cause	System	Group	Type	Description
1	10/03/22 08:00	10/04/22 13:08	29.13	RF1 HVPS trip [RF]			10/04/22 13:08	10/04/22 14:32	1.40	1.40	RF	RF	RF	Store Lost	
2	10/04/22 14:32	10/10/22 08:00	137.47	Int Dump: End of Period					0.00	0.00				Scheduled	
			166.60						1.40	1.40					
3	10/11/22 08:00	10/17/22 08:00	144.00	Int Dump: End of Period					0.00	0.00				Scheduled	
			144.00						0.00	0.00					
4	10/18/22 08:00	10/24/22 08:00	144.00	Int Dump: End of Period					0.00	0.00				Scheduled	
			144.00						0.00	0.00					
5	10/25/22 08:00	10/27/22 18:07	58.12	Corrector ramp error [MCR]			10/27/22 18:07	10/27/22 19:04	0.95	0.95	AOP	AOP	AOP	Inhibits Beam to User	Orbit control issue
6	10/27/22 19:04	10/27/22 20:42	1.63	S34 PS H2O leak [PS]			10/27/22 20:42	10/28/22 15:00	18.30	18.30	RF	RF	RF	Store Lost	
8	10/28/22 15:00	10/31/22 08:00	66.00	Int Dump: End of Period					0.00	0.00				Scheduled	
			125.75						19.25	19.25					
			0.00				11/01/22 08:00	11/01/22 09:34	1.57	1.57	RF	RF	RF	Store Lost	
10	11/01/22 09:34	11/04/22 16:37	79.05	5ID BPLD trip [UNK]			11/04/22 16:37	11/04/22 17:32	0.92	0.92				Store Lost	
11	11/04/22 17:32	11/07/22 08:00	63.47	Int Dump: End of Period					0.00	0.00				Scheduled	
			142.52						0.92	0.92					
12	11/08/22 08:00	11/14/22 08:00	144.00	Int Dump: End of Period					0.00	0.00				Scheduled	
			144.00						0.00	0.00					
13	11/16/22 08:00	11/16/22 19:26	11.43	User hutch error [OTH]			11/16/22 19:26	11/16/22 20:30	1.07	1.07	OTH	OTH	OTH	Store Lost	
14	11/16/22 20:30	11/24/22 00:00	171.50	Int Dump: End of Period					0.00	0.00				Scheduled	
			182.93						1.07	1.07					
17	11/25/22 08:00	11/30/22 04:11	116.18	IOCS37FB heartbeat [CTL]			11/30/22 04:11	11/30/22 05:02	0.85	0.85	CTL	CTL	CTL	Store Lost	
18	11/30/22 05:02	12/05/22 08:00	122.97	Int Dump: End of Period					0.00	0.00				Scheduled	
			239.15						0.85	0.85					
25	12/07/22 08:00	12/12/22 08:00	120.00	Int Dump: End of Period					0.00	0.00				Scheduled	
			120.00						0.00	0.00					
26	12/13/22 08:00	12/20/22 00:00	160.00	Int Dump: End of Period					0.00	0.00				Scheduled	
			160.00						0.00	0.00					

Number of Lost Fills 6
Number of Intentional Dumps 9
Number of Fills 15

Downtime
 User System
24.27 24.27

Total User Beam 1568.95 65.4 User Beam days
Total User Downtime 24.27 <-- This downtime includes Gaps Open
Total Schedule Run Length 1593

Mean Time Between Faults 261.49
Faults/Day of Delivered Beam 0.09

X-ray Availability 98.5%