

# Downtime for Run 2021-3

Fill #	Start	End	Length	Loss Reason	DIN #	Audit	Start	End	User Length	System Length	Cause	System	Group	Type	Description
1	10/04/21 08:00	10/09/21 12:40	124.67	RF4 HVPS trip [RF]			10/09/21 12:40	10/09/21 13:47	1.12	1.12	RF	RF	RF	Store Lost	
2	10/09/21 13:47	10/09/21 21:21	7.57	RF4 HVPS trip [RF]			10/09/21 21:21	10/09/21 23:41	2.33						
							10/09/21 21:21	10/09/21 22:45		1.40	RF	RF	RF	Store Lost	
							10/09/21 22:45	10/09/21 23:41		0.93	MCR	MCR	MCR	Inhibits Beam To User	
4	10/09/21 23:41	10/11/21 08:00	32.32	Int Dump: End of Period					0.00	0.00				Scheduled	
			164.55						3.45	3.45					
5	10/12/21 08:00	10/13/21 02:14	18.23	S:BM Ground Fault [MOM]			10/13/21 02:14	10/13/21 18:14	16.00	16.00	MOM	MOM	MOM	Store Lost	
6	10/13/21 18:14	10/15/21 01:08	30.90	RF-4 Anode OI [RF]			10/15/21 01:08	10/15/21 02:19	1.18	1.18	RF	RF	RF	Store Lost	
7	10/15/21 02:19	10/15/21 17:31	15.20	RF-4 Anode OI [RF]			10/15/21 17:31	10/15/21 18:26	0.92	0.92	RF	RF	RF	Store Lost	
8	10/15/21 18:26	10/16/21 06:06	11.67	RF-4 Anode OI [RF]			10/16/21 06:06	10/16/21 10:10	4.07	4.07	RF	RF	RF	Store Lost	
11	10/16/21 10:10	10/18/21 08:00	45.83	Int Dump: End of Period					0.00	0.00				Scheduled	
			121.83						22.17	22.17					
			0.00				10/19/21 08:00	10/19/21 08:28	0.47	0.47	AOP	AOP	AOP	Inhibits Beam to User	Orbit control issue
12	10/19/21 08:28	10/21/21 16:59	56.52	RF-1 Kalmus trip [RF]			10/21/21 16:59	10/21/21 18:05	1.10	1.10	RF	RF	RF	Store Lost	
13	10/21/21 18:05	10/25/21 08:00	86.92	Int Dump: End of Period					0.00	0.00				Scheduled	
			143.43						1.57	1.57					
14	10/26/21 08:00	11/01/21 08:00	144.00	Int Dump: End of Period					0.00	0.00				Scheduled	
			144.00						0.00	0.00					
15	11/02/21 08:00	11/05/21 18:26	82.43	RF-4 Anode OI [RF]			11/05/21 18:26	11/05/21 18:55	0.48	0.48	RF	RF	RF	Store Lost	
16	11/05/21 18:55	11/08/21 08:00	61.08	Int Dump: End of Period					0.00	0.00				Scheduled	
			143.52						0.48	0.48					
17	11/09/21 08:00	11/13/21 06:03	94.05	RF airflow error [RF]			11/13/21 06:03	11/13/21 06:58	0.92	0.92	RF	RF	RF	Store Lost	
18	11/13/21 06:58	11/15/21 08:00	49.03	Int Dump: End of Period					0.00	0.00				Scheduled	
			143.08						0.92	0.92					
19	11/17/21 08:00	11/20/21 20:47	84.78	S30B:H2 glitch [PS]			11/20/21 20:47	11/20/21 21:59	1.20	1.20	PS	PS	PS	Store Lost	
20	11/20/21 21:59	11/25/21 00:00	98.02	Int Dump: End of Period					0.00	0.00				Scheduled	
			182.80						1.20	1.20					
21	11/26/21 08:00	11/26/21 12:49	4.82	26ID Orbit Error [AOP]			11/26/21 12:49	11/26/21 13:47	0.97	0.97	AOP	AOP	AOP	Store Lost	
22	11/26/21 13:47	12/01/21 14:45	120.97	S2A:H3 Glitch [PS]			12/01/21 14:45	12/01/21 15:43	0.97	0.97	PS	PS	PS	Store Lost	
23	12/01/21 15:43	12/05/21 02:55	83.20	RF-4 Anode OI [RF]			12/05/21 02:55	12/05/21 03:34	0.65	0.65	RF	RF	RF	Store Lost	
24	12/05/21 03:34	12/06/21 08:00	28.43	Int Dump: End of Period					0.00	0.00				Scheduled	
			237.42						2.58	2.58					
25	12/08/21 08:00	12/13/21 08:00	120.00	Int Dump: End of Period					0.00	0.00				Scheduled	
			120.00						0.00	0.00					
26	12/14/21 08:00	12/21/21 08:00	168.00	Int Dump: End of Period					0.00	0.00				Scheduled	
			168.00						0.00	0.00					

Number of Lost Fills 13  
 Number of Intentional Dumps 8  
 Number of Fills 21

Downtime  
 User System  
 32.37 32.37

Total User Beam 1568.63 65.4 User Beam days  
 Total User Downtime 32.37 <-- This downtime includes Gaps Open  
 Total Schedule Run Length 1601

Mean Time Between Faults 120.66  
 Faults/Day of Delivered Beam 0.20

X-ray Availability 98.0%