

NSTX Operation FY'09

<u>Week</u>	<u>Monday</u>	<u>Tuesday</u>	<u>Wednesday</u>	<u>Thursday</u>	<u>Friday</u>
Jul 21 – Dec 31 08	Outage				
Jan 5 – 9 09	Preparation for bakeout				
Jan 12 – 16	MPTS calibration				
Jan 19 – 23	Bakeout (started 1/20)				
Jan 26 – 30	Bakeout				
Feb 2 – 6	Bakeout (ended 2/3), NB cond'n		Bakeout recovery and preparation for operation		
Feb 9 – 13	ISTP-1	TF coil inspection	TF coil water fitting repair	ISTP-1	ISTP-1
Feb 16 – 20	ISTP-1	MP-48 Plasma evaluation Extended GDC	MP-48 Magnetic calib'n, Plasma evaluation	Boronization 73	MP-48 Plasma evaluation Boronization 74
	MP-48 First plasma			MP-48 Plasma evaluation	
Feb 23 – 27	MP-48 Plasma evaluation	MP-48 Plasma evaluation NeGDC	MP-48 Plasma evaluation ArGDC	Ne/He GDC	He GDC
	Extended GDC			MP-48 ArGDC	MP-48 Ne/He GDC
Mar 2 – 6	MP-48 Plasma evaluation	MP-48 Plasma evaluation	MP-48 Plasma evaluation	MP-48 Plasma evaluation	MP-33 MSE calib'n
	Boronization 75			MP-33 MSE calib'n	MP-48 Plasma evaluation
Mar 9 – 13	Boronization 76	MP-48 Shot development	XP-904 Strike pt dynamics	XP-904 Strike pt dynamics	XP-903 EF Threshold
	MP-48 Shot development		Boronization 77		
Mar 16 – 20	Maintenance (HHFW plumbing, LITER loading and installation)				
Mar 23 – 27	Maintenance (HHFW plumbing, LITER loading and installation)				
Mar 30 – Apr 3	Boronization 78	XP-923 Edge transport	XP-923 Edge transport	XP-923 Edge transport	Boronization 79
	XP-923 Edge transport				XP-911 Li pumping
Apr 6 – 10	XP-911 Li pumping	XP-827 LITER character'n	XP-827 LITER character'n First LITER use	XP-827 LITER character'n	XP-903 EF Threshold
					XP-937 Li-improved conf't
Apr 13 – 17	XP-917 FIDA	XP-909 P_L-H vs X-point XP-902 n=3 EF source	XP-916 TAEs & transport	XP-905 J(r)-BAAEs/EPMs	XP-912 SGI fueling
	XP-909 P_L-H vs X-point				XP-833 Halo currents

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Apr 20 – 24	XP-902 n=3 EF source <hr/> XP-937 Maximize W_tot	XP-910 Conf't vs beta <hr/> XP-922 P_L-H vs I_p	XP-911 Li pumping	XP-922 P_L-H vs I_p <hr/> XP-836 High κ <hr/> XP-912 SGI fueling	XP-911 Li pumping <hr/> XP-912 SGI fueling
Apr 27 – May 1	Maintenance (HHFW plumbing, LITER reloading)				
May 4 – 8	Maintenance (HHFW plumbing, LITER reloading)				
May 11 – 15	XP-943 EF ELM pacing	XP-943 EF ELM pacing <hr/> XP-931 RWM effects	XP-931 RWM effects <hr/> XP-932 RWM & fast ions	XP-932 RWM & fast ions	XP-932 RWM & fast ions <hr/> XP-935 Multiple RWMs
May 18 – 22	XP-928 CHI + induction	XP-901 CHI termination	XP-928 CHI + induction	XP-928 CHI + induction	XP-928 CHI + induction
May 25 – 29	Holiday	XP-933 NTV & offset rotn <hr/> XP-935 Multiple RWMs	XP-935 Multiple RWMs <hr/> XP-932 RWM & fast ions	XP-943 EF ELM pacing	XP-930 RFA <hr/> XP-904 Strike pt dynamics
Jun 1 – 5	XP-945 Vert jog ELM trig.	XP-836 High κ <hr/> XP-919 Lower δ charact'n	XP-914 NTM comp'n <hr/> XP-915 Tearing & EF	XP-914 NTM comp'n <hr/> XP-915 Tearing & EF <hr/> XP-918 Tearing & wall	<hr/> XP-918 Tearing & wall <hr/> XP-912 SGI fueling
Jun 8 – 12	XP-905 J(r)-BAAEs/EPMS <hr/> SPA repair	XP-905 J(r)-BAAEs/EPMS <hr/> XP-919 Lower δ charact'n	XP-922 P_L-H vs I_p	XP-950 Imp. vs I_p, gap <hr/> XP-951 Diffused Li	XP-945 Vert jog ELM trig. <hr/> XP-919 Lower δ charact'n
Jun 15 – 19	Maintenance (NB calorimeter, HHFW plumbing, LITER reloading)				
Jun 22 – 26	Maintenance (NB calorimeter, HHFW plumbing, powder dropper installation)				
Jun 29 – Jul 3	NB, HHFW conditioning			MP-48 Plasma comm.	Holiday
Jul 6 – 10	MP-26 HHFW cond. <hr/> HHFW operation	MP-26 HHFW cond.	XP-944 HHFW in L-mode <hr/> XP-908 Pinches & collis'y	XP-908 Pinches & collis'y <hr/> XP-913 Li dropper <hr/> Li Dropper	XP-908 Pinches & collis'y <hr/> XP-948 Extended high β

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Jul 13 – 17	MP-26 HHFW cond.	XP-946 HHFW in H-mode	MP-63 NBI PCS control XP-919 Lower δ charact'n	XP-919 Lower δ charact'n XP-952 ELM-free SOL XP-929 L-H fast camera	XP-952 ELM-free SOL XP-929 L-H fast camera XP-913 Li dropper
Jul 20 – 24	XP-948 Extended high β MP-63 NBI PCS control	XP-942 ELM stability XP-926 Triggered ELMs	MP-26 HHFW cond.	XP-941 L-H vs D/He XP-932 RWM & fast ions	MP-26 HHFW cond. XP-913 Li dropper
Jul 27 – 31	XP-913 Li dropper XP-916 Fast-ion transport	XP-836 High κ XP-948 Extended high β XP-934 Sustained high β_N	XP-924 Snowflake divertor XP-827 LITER charact'n XP-934 Sustained high β_N	XP-927 CHI with abs. coil	XP-927 CHI with abs. coil XP-928 CHI + induction
Aug 3 – 7	MP-26 HHFW cond. XP-950 Imp. vs I_p , gap XP-921 GAEs & e-transp't	XP-921 GAEs & e-transp't XP-951 Diffused Li XP-955 Reversed TF-prep MP-33 MSE calib'n	MP-33 MSE calib'n XP-954 Early EFC	ISTP rev. TF XP-955 Reversed TF Reversed TF operation	XP-955 Reversed TF
Aug 10 – 14	XP-955 Reversed TF	XP-956 L-H thresh & edge with rev. TF	XP-956 L-H thresh & edge with rev. TF HHFW vac.cond.	MP-26 HHFW cond. XP-956 L-H thresh & edge with rev. TF MP-33 MSE calib'n	MP-56 SWIFT comm. XP-928 CHI + induction XP-955 Reversed TF XP-917 FIDA red vs. blue XP-938 Dust mobilization XP-957 Tungsten dust
Aug 17 – 21	MP-48 Magnetics calib'n	MPTS calibration			
Aug 24 – 28	LITER emptying			LITER empty Vent	Outage activities