NSTX Operation FY'10 (1)

Week	Monday	Tuesday	Wednesday	Thursday	Friday
Aug 2009 – Feb 12	Outage				
Feb 17 – Mar 8	Bakeout				
Mar 15 – 19	Outage			ISTP-1	ISTP-1
Mar 22 – 26	ISTP-1	MP-3 Magnetic calib'n	LLD prefill ~15g LITER evap.	MP-64 Initial operation First plasmas	MP-64 Initial operation First NBI
Mar 29 – Apr 2	MP-64 Initial operation MP-66 Strike-point cntrl.	MP-66 Strike-point cntrl.	MP-66 Strike-point cntrl.	MP-66 Strike-point cntrl.	MP-66 Strike-point cntrl. XP-1000 LLD characteriz'n LLD 250°C
Apr 5 – 9	XP-1000 LLD characteriz'n LLD 250°C	XP-1000 LLD characteriz'n (ELM free) LLD 250°C	XP-1000 LLD characteriz'n LLD 320°C	XP-1000 LLD characteriz'n (R_{OSP} to 0.70m) LLD 320°C	LITERs empty MP-3 Magnetic calib'n MP-33 MSE calib'n XP-1004 Early EF corr'n
Apr 12 – 16	Bay K LITER TIV issue	MP-65 Beta Control XP-1023 RWM Control	MP-33 MSE calib'n	XP-1023 RWM devel't XP-1020 RWM vs rotation	OH water leak
Apr 19 – May 21	OH leak repair Replaced Bay-K LITER TIV during argon vent on 4/27				
May 24 – 28	OH leak repair		ISTP-1 MP-64 Plasma restart (with LITER)	MP-69 Relay f/b control XP-1003 X-point & OSP control	XP-1003 X-point & OSP control
May 31 – Jun 4	Holiday	XP-1004 Early EFC	XP-1028 H-mode vs. n_e XP-1031 Stab. vs. edge J	XP-1027 RMP imp. screen XP-1064 Extend EPH-mode MP-26 (evening) HHFW cond.	XP-1064 Extend EPH-mode XP-1043 SOL transport
Jun 7 – 11	MP-26 HHFW cond.	MP-26 HHFW cond.	MP-26 HHFW cond.	OH inspection	NB-A removal MP-26 HHFW cond.

NSTX Operation FY'09

Week	Monday	Tuesday	Wednesday	Thursday	Friday
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** **First plasma**	**MP-48** Plasma evaluation **Extended GDC**	**MP-48** Magnetic calib'n, Plasma evaluation	**Boronization 73** **MP-48** Plasma evaluation	**MP-48** Plasma evaluation **Boronization 74**
Feb 23 – 27	**MP-48** Plasma evaluation **Extended GDC**	**MP-48** Plasma evaluation **NeGDC**	**MP-48** Plasma evaluation **ArGDC**	**Ne/He GDC** **MP-48** **ArGDC**	**He GDC** **MP-48** **Ne/He GDC**
Mar 2 – 6	**MP-48** Plasma evaluation **Boronization 75**	**MP-48** Plasma evaluation	**MP-48** Plasma evaluation	**MP-48** Plasma evaluation **MP-33** MSE calib'n	**MP-33** MSE calib'n **MP-48** Plasma evaluation
Mar 9 – 13	**Boronization 76** **MP-48** Shot development	**MP-48** Shot development	**XP-904** Strike pt dynamics **Boronization 77**	**XP-904** Strike pt dynamics	**XP-903** EF Threshold
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	**XP-923** Edge transport	**Boronization 79** **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-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-833** Halo currents

NSTX Operation FY'08

Week	Monday	Tuesday	Wednesday	Thursday	Friday
Jul 2 – Nov 30 07	Outage				
Dec 3 – 7	Outage			Bakeout	
Dec 10 – 14	Bakeout				
Dec 17 – 21	Bakeout	Outage			
Dec 24 – 28	Holiday				
Dec 31 – Jan 4	Holiday		Outage		
Jan 7 – 11	MPTS Raman/Rayleigh calibration				Outage
Jan 14 – 18	Coil hipots	PSRTC comissioning			**ISTP-1** Coil tests
Jan 21 – 25	**ISTP-1** Coil tests	**ISTP-1** Coil tests	**MP-48** **First plasmas** **Boronization 64**	**MP-48** Startup plasmas	**MP-48** Startup plasmas
Jan 28 – Feb 1	**MP-48** Startup plasmas	**MP-48** Startup plasmas	**Boronization 65** **MP-48** Startup plasmas	**MP-48** Startup plasmas	**MP-48** Startup plasmas **XP-806** BEaP
Feb 4 – 8	**MP-48** Startup plasmas	**MP-48** Startup plasmas	**MP-48** Startup plasmas	**MP-33** MSE calibration	Bakeout preparation
Feb 11 – 15	Bakeout			**Boronization 66 (hot)**	Bakeout recovery
Feb 18 – 22	**MP-48** Assess conditions	**XP-801** 2/1 NTM self-stabilization	**XP-810** 2/1 NTM thresh-hold with EFC	**MP-54** FIDA checkout **XP-806** BEaP	**XP-811** Vertical stability **XP-818** ELM suppression
Feb 25 – 29	**XP-812** Rot'n & conf't	**MP-26** HHFW cond.	**XP-812** Rot'n & conf't **XP-820** Core momentum **Boronization 67**	**XP-609** ELMs vs drsep	**XP-721** Small ELMs **XP-809** ELM destabilize
Mar 3 – 7	**XP-818** ELM suppression	**XP-805** n=2 EFC	**MP-26** HHFW cond.	**XP-804** NTV with n=2	**XP-818** ELM suppression
Mar 10 – 14	**XP-817** CHI + induction	**XP-817** CHI + induction **Boronization 68**	**XP-817** CHI + induction	**XP-813** Momentum transp.	**XP-820** Core momentum

NSTX Operation FY'07

Week	Monday	Tuesday	Wednesday	Thursday	Friday
Jul 1, 06 – Feb 11, 07	**Boronization-58**	Outage			
Feb 12 – 16	**ISTP-1** Coil tests	**ISTP-1** Coil tests	**MP-48** **Startup plasmas**	**MP-48** SPA commission; Startup plasmas	**MP-33** MSE calibration **Boronization-59**
Feb 19 – 23	**MP-48** Startup plasmas **XP-711** Breakdown optimization	**XP-708** Divertor heat flux reduction	**XP-703** Locked-mode scaling	**XP-709** SOL width scaling	**MP-26** HHFW coupling
Feb 26 – Mar 2	**Boronization-60** **XP-721** Small ELM comparison	**XP-707** NPA scan in DN H-mode	**ISTP** PF4 comm. **XP-703** Locked-modes	**XP-713** Beta scaling	**MP-33** MSE calibration **XP-708** Divertor heat flux
Mar 5 – 9	NB Calorimeter Bellows Repair				
Mar 12-16	NB Calorimeter Bellows Repair				
Mar 19-23	Leak check	Bakeout			
Mar 26-30	Recovery	**MP-48** Startup plasmas **Boronization-61**	**MP-48** Startup plasmas **MP-49** TESPEL injection	**MP-49** TESPEL injection **XP-710** High f_{BS} at high κ	**XP-716** Impurity transport
Apr 2 – 6	**XP-714** High-k in H-mode **XP-706** Alfvén cascades	**XP-706** Alfvén cascades **XP-720** EBW in H-mode	**XP-720** EBW in H-mode **XP-718** LPI coating	**XP-723** Rotation effect on confinement	**XP-714** High-k in H-mode
Apr 9 – 13	NB Source B Replacement				
Apr 16 20	**XP-725** CHI	Lab. closed (floods)	**XP-725** CHI **XP-726** CHI+OH	**XP-712** HHFW at high B_T	**XP-719** LITER coating **(LITER)**
Apr 23 – 27	**XP-719** LITER coating **(LITER)**	**XP-706** Alfvén cascades **XP-710** High kappa **(LITER)**	**XP-735** High-k in HHFW	**XP-734** Te gradients in RS	**XP-721** Small ELMs **XP-703** Locked-modes **XMP-51** Commission BEaP

NSTX Operation FY'06

Week	Monday	Tuesday	Wednesday	Thursday	Friday
Sep 19, 05 – Jan 6	Outage				
Jan 9 – 13	Outage			Bakeout	
Jan 16 – 20	Bakeout		Boronization 49	Bakeout recovery	
Jan 23 – Feb 3	Run preparation				
Feb 6 – 10	**ISTP-1** Coil tests	**ISTP-1** Coil tests **Plasma shot**	**MP-20** Startup plasmas	MPTS calibration	
Feb 13 – 17	Maintenance		**MP-20** Calibration & Startup plasmas	Maintenance	Bakeout
Feb 20 – 24	Bakeout			Maintenance	
Feb 27 – Mar 3	**MP-20** Startup plasmas	**MP-20** Startup plasmas **Boronization 50**	**XP-616** Movable Glow Probe	**XP-616** Movable Glow Probe **MP-3** Magnetics calib'n	**XP-605** Divertor detach't **XP-626** SGI fueling
Mar 6 – 10	**XP-606** Transient CHI	**XP-606** Transient CHI **XP-533** CHI+induction **Boronization 51**	**XP-603** Long-pulse DN **XP-626** SGI fueling	**XP-604** Density scan **XP-626** SGI fueling	**XP-602** Long pulse with error field corr'n
Mar 13 – 17	**MP-33** MSE calibration	**MP-33** MSE calibration	OH reactor repair, Maintenance		
Mar 20 – 24	**MP-44** High-k Scattering	**MP-44** High-k Scattering **MP-45** RWM/EFC comm.	**MP-44** High-k Scattering **MP-47** TESPEL injection **MP-45** RWM/EFC comm. **Boronization 52**	**XP-614** EFC at high β_N **XP-618** EFC vs rotation	**XP-618** EFC vs rotation **MP-47** TESPEL injection **MP-45** RWM/EFC comm
Mar 27 – 31	**XP-610** RS transport	**XP-610** RS transport **XP-615** RWM stabilization	**XP-615** RWM stabilization	LITER installation, maintenance	