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				
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