

NSTX FY2009 Run Schedule (to 14 Aug)

Last Updated: 10/9/2009 at 10:27 AM

Week	Monday	Tuesday	Wednesday	Thursday	Friday
0	9-Feb	10-Feb	11-Feb	12-Feb	13-Feb
	ISTP	ISTP	ISTP	ISTP	ISTP
	Thomson Window Calib.				
0	16-Feb	17-Feb	18-Feb	19-Feb	20-Feb
	ISTP	ISTP	Gerhardt Magnetic Calibrations	Boronization #1 10g TMB	Mueller Plasma Conditioning
		Mueller Plasma Conditioning	Mueller Plasma Conditioning	Stevenson Plasma Conditioning	
		50min D2 GDC + 3 hr HeGDC	4hr HeGDC		Boronization #2 (10g)
0	23-Feb	24-Feb	25-Feb	26-Feb	27-Feb
	Mueller Plasma Conditioning	Mueller Plasma Conditioning	Mueller Plasma Conditioning	Mueller Plasma Conditioning	Mueller Plasma Conditioning
	6Hr D2 GDC + 1hr HeGDC	6hr Ne GDC + 1hr HeGDC	6hr Ar GDC + 1hr Ne + 1hr He	8hr Ar GDC + 1hr Ne + 1hr He	43 hr Ne GDC + 16 hr HeGDC
0	2-Mar	3-Mar	4-Mar	5-Mar	6-Mar
	Mueller Plasma Conditioning	Gates Plasma Conditioning	Stevenson Plasma Conditioning	Mueller Plasma Conditioning	MSE Calibrations
				MSE Calibration	Plasma Conditioning

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	Boronization #3 (10g)	Tuesday	Wednesday	Neon Glow for CHERS	Thursday	Boronization #4 (10g)
	Monday	10-Mar	11-Mar	12-Mar	13-Mar	
1	9-Mar	10-Mar	11-Mar	12-Mar	13-Mar	
	XMP48	XMP48	904 (Kolemen) Strike point control	Fiducial shots	XP903 (Park) Locking at high beta	
	Shot Development	Shot Development	Fiducial shots	904 (Kolemen) Strike point control	Shot Development	

Boronization #5 (10g)

1	16-Mar	17-Mar	18-Mar	19-Mar	20-Mar
	Maintenance Break	Maintenance Break	Maintenance Break	Maintenance Break	Maintenance Break
	ReNeW @ PPPL	ReNeW @ PPPL	ReNeW @ PPPL	ReNeW @ PPPL	ReNeW @ PPPL

1	23-Mar	24-Mar	25-Mar	26-Mar	27-Mar
	Maintenance Break	Maintenance Break	Maintenance Break	Maintenance Break	Maintenance Break
	ReNeW @ GA	ReNeW @ GA	ReNeW @ GA	ReNeW @ GA	ReNeW @ GA

Boronization #6 (10g)

2	30-Mar	31-Mar	1-Apr	2-Apr	3-Apr
	Shot Development for XP911 & 923 XP923 (Maingi) FY10 JRT (SOL Transport)	XP923 (Maingi) FY10 JRT (SOL Transport)	XP923 (Maingi) FY10 JRT (SOL Transport)	XP923 (Maingi) FY10 JRT (SOL Transport)	XP911 (Skinner) FY09 JRT (Gas Retention)

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	Monday 6-Apr	Tuesday 7-Apr	Wednesday 8-Apr	Thursday 9-Apr	Friday 10-Apr
3	XP911 (Skinner) FY09 JRT (Gas Retention)	XP827 (Kugel) Li Characterization	XP827 (Kugel) Li Characterization Li-30mg	XP827 (Kugel) Li Characterization Li-50mg	XP-903 (Park) Locking at high beta XP937 (Gates) High Stored Energy Li-20mg

Hours

	13-Apr	14-Apr	15-Apr	16-Apr	17-Apr
4	XP917 (Heidbrink) FIDA Validation XP909 (Maingi) X-point radius Li-15mg	XP909 (Maingi) X-point radius XP902 (Gerhardt) n=3 source Li-14mg	XP916 (Podesta) TAEs and avalanches D2 L-mode, CS limited	XP905 (Darrow) BAAE/EPM Li-5mg	XP912 (Soukhanovskii) SGI XP833 (Gerhardt) Disruption

5pm - MPTS window calib.

Neon Glow

ReLoad LITER

	20-Apr	21-Apr	22-Apr	23-Apr	24-Apr
5	XP902 (Gerhardt) n=3 source XP937 (Gates) High Stored Energy Li-15/40mg	XP910 (Kaye) Confinement scaling with beta XP922 (Kaye) L-H dependence on Ip	XP911 (Skinner) FY09 JRT (Gas Retention) Li-14mg	XP922 (Kaye) L-H dependence on Ip XP836 (Gates) High elongation plasmas XP912 (Soukhanovskii) SGI Li-15/30/10mg	XP911 (Skinner) FY09 JRT (Gas Retention) XP912 (Soukhanovskii) SGI Li-17mg

	27-Apr	28-Apr	29-Apr	30-Apr	1-May
2	Maintenance Break	Maintenance Break	Maintenance Break	Maintenance Break	Maintenance Break

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	Monday	Tuesday	Wednesday	Thursday	Friday
2	4-May Maintenance Break	5-May Maintenance Break	6-May Maintenance Break	7-May Maintenance Break	8-May Maintenance Break
	8	8	10	8	8
6	11-May XP943 (Canik) ELM control with 3D coils Li 40mg	12-May XP943 (Canik) ELM control with 3D coils XP931 (Delgado-Aparicio) RWM & background plasma Li 40/10-12.5mg	13-May XP931 (Delgado-Aparicio) RWM & background plasma XP932 (Berkery) Li 10-12.5mg	14-May XP932 (Berkery) Hot ions & RWM stability NBI / Camac Testing Li 10-12.5mg	15-May XP932 (Berkery) Hot ions & RWM stability XP935 (Sabbagh) Li 10-12.5mg
	0	0	10	8	8
7	18-May XP928 (Raman) CHI before Divertor conditioning Li 10-12.5mg	19-May XP901 (Gerhardt) Disruption with CHI Test noise during biasing	20-May XP928 (Raman) DC PS Configuration Divertor conditioning	21-May XP928 (Raman) CHI after Divertor cleaning Li 10-12.5/20mg	22-May XP928 (Raman) CHI after Divertor cleaning Li 10-12.5/20mg
8	25-May Memorial Day	26-May XP935 (Sabbagh) XP933 (Sabbagh) NTV physics Li 10-12.5mg	27-May XP932 (Berkery) Hot ions & RWM stability XP935 (Sabbagh) Li 10-12.5mg	28-May XP943 (Canik) Elm cntr, fueling optimization Li 10-12.5mg	29-May Shot develop for XP930, and 914 XP904 (Kolemen) Strike point control No Lithium

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	Monday 1-Jun	Tuesday 2-Jun	Wednesday 3-Jun	Thursday 4-Jun	Friday 5-Jun
9	<p style="text-align: center;">XP945 (Gerhardt) ELM trig (vertical Jogs)</p> <p style="text-align: center; color: red;">No Li /10mg</p>	<p style="text-align: center;">XP836 (Gates) High elongation plasmas</p> <p style="text-align: center;">Shot development for XP919</p> <p style="text-align: center; color: red;">Li 30-40mg</p>	<p style="text-align: center;">XP914 (LaHaye) Aspect ratio NTM Physics</p> <p style="text-align: center;">XP915 (Buttery) EF on tearing mode beta limits</p> <p style="text-align: center; color: red;">Li 0-10mg</p>	<p style="text-align: center;">XP915 (Buttery)</p> <p style="text-align: center;">XP918 (Volpe) Imp on NTM</p> <p style="text-align: center; color: red;">Li 0-10mg</p>	<p style="text-align: center;">XP918 (Volpe)</p> <p style="text-align: center;">XP912 (Soukhanovskii) SGI</p> <p style="text-align: center; color: red;">Li 0-10mg</p>

	8-Jun	9-Jun	10-Jun	11-Jun	12-Jun
10	<p style="text-align: center;">XP905 (Darrow) BAAE/EPM</p> <p style="text-align: center; color: red;">Li 0-5mg</p>	<p style="text-align: center;">XP905 (Darrow) XP916 (Podesta) missing data</p> <p style="text-align: center;">Shot develop. XP919</p> <p style="text-align: center; color: red;">Li 5-10/10-40mg</p>	<p style="text-align: center;">XP922 (Kaye) L-H dependence on Ip</p>	<p style="text-align: center;">XP950 (Paul) Metal impurity vs outer gap</p> <p style="text-align: center;">XP951 (Skinner) Diffuse Li deposition</p> <p style="text-align: center; color: red;">Li 5-15/10-40mg</p>	<p style="text-align: center;">XP945 (Gerhardt) Elm trig (vertical jogs)</p> <p style="text-align: center;">XP919 (Kallman) Strike Point & Li coatings</p> <p style="text-align: center; color: red;">Li 0/5-40mg</p>

	15-Jun	16-Jun	17-Jun	18-Jun	19-Jun
10	<p style="text-align: center; color: green;">Maintenance Break</p> <p style="text-align: center; color: magenta;">Discussion on TF Reversal</p>	<p style="text-align: center; color: green;">Maintenance Break</p>	<p style="text-align: center; color: green;">Maintenance Break</p> <p style="text-align: center; color: magenta;">Mid-Run Assessment</p>	<p style="text-align: center; color: green;">Maintenance Break</p>	<p style="text-align: center; color: green;">Maintenance Break</p>

	22-Jun	23-Jun	24-Jun	25-Jun	26-Jun
10	<p style="text-align: center; color: green;">Maintenance Break</p>	<p style="text-align: center; color: green;">Maintenance Break</p>	<p style="text-align: center; color: green;">Maintenance Break</p>	<p style="text-align: center; color: green;">Maintenance Break</p>	<p style="text-align: center; color: green;">Maintenance Break</p>

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	Monday 29-Jun	Tuesday 30-Jun	Wednesday 1-Jul	Thursday 2-Jul	Friday 3-Jul
10	Maintenance Break	Maintenance Break	Maintenance Break	Maintenance Break	Maintenance Break

	6-Jul	7-Jul	8-Jul	9-Jul	10-Jul
11	XM26 (Hosea) RF Plasma Conditioning	XM26 (Hosea) RF Plasma Conditioning	XP944 (Hosea) RF Heat/CD in L-Mode XP908 (Shot Develop.) Li - 5-10mg	XP908 (Shot Develop) XP913 (Mansfield) Li dropper Testing. XP908 (Solomon) Collisinality & part pinch Li - 0/10mg	XP908 (Solomon) Collisinality & part pinch XP948 (Gerhardt) Li - 10/0mg

	13-Jul	14-Jul	15-Jul	16-Jul	17-Jul
12	XMP26/XP944 (Hosea) RF Heat/CD in H-Mode Li - 20mg	XP946 (Ryan) RF Heat/CD in H-Mode Li - 20mg	XMP63 (Gerhardt) Beta feedback control XP919 (Kallman) Strike Point Control Li - 10/30mg	XP919 (Kallman) XP952 (Ahn) Fast Probe & ELM-free H-mode XP929 (Zweben) Fast GPI Measurements Li - 10/10/0mg	XP952 (Ahn) XP929 (Zweben) GPI XP913 (Mansfield) Li dropper Li - 0/30mg

	20-Jul	21-Jul	22-Jul	23-Jul	24-Jul
13	XP948 or XMP63 (Gerhardt) High Beta-T disc. Li - 5-10mg	XP942 (Sontag) ELM physics XP926 (Canik) ELM parameters Li - 5-10mg	XMP26 (Hosea) He L-mode (high Te) Li - 0mg	XP941 Kaye (L-H, RF, D2/He) XP932 Berkery (hot ion & RWM) Li 15/10/30/30mg	XMP26 (Hosea) XP913 (Mansfield) Li dropper Li-0mg

ReLoad LITER

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	Monday 27-Jul	Tuesday 28-Jul	Wednesday 29-Jul	Thursday 30-Jul	Friday 31-Jul
14	<p style="text-align: center;">XP913 (Mansfield) Li dropper XP916 (Podesta) TAEs and avalanches D2 L-mode, CS limited Li 5-10mg</p>	<p style="text-align: center;">XP836, XP948, XP934 (Gates/Gerhardt/Sabbagh). Li 30mg</p>	<p style="text-align: center;">XP924 (Soukhanovskii) Snowflake divertor XP827 Maingi (low delta, nbi/Li) XP934 (Sabbagh) Li 10/30mg</p>	<p style="text-align: center;">XP927/928 (CHI) Mueller/Raman Li 10-15mg</p>	<p style="text-align: center;">XP927/928 (CHI) Mueller/Raman Li 10-15mg</p>

	3-Aug	4-Aug	5-Aug	6-Aug	7-Aug
15	<p style="text-align: center;">Magnetic calibrations XMP26 (Hosea) 2 shots XP950 (Paul) - 1.5 hr XP921 (Tritz) - 6 hr GAE in H-modes Li 0/0/15/10</p>	<p style="text-align: center;">XP921 (Tritz) - 1.5 hr XP951 (Skinner) - 2.5 hr XP955 (Mueller) -2.0 hr MSE calibrations Li 15/80/20</p>	<p style="text-align: center;">MSE calibrations XP954 (Menard) Early EFC Li 0/20</p>	<p style="text-align: center;">XP955 (Mueller) Reversed TF Li 20</p>	<p style="text-align: center;">XP955 (Mueller) Reversed TF Li 0</p>

Switch over to Reversed TF

	10-Aug	11-Aug	12-Aug	13-Aug	14-Aug
16	<p style="text-align: center;">XP955 (Mueller) Reversed TF XP956 (Kaye) Li 20</p>	<p style="text-align: center;">XP956 (Kaye) Reversed TF Li 20</p>	<p style="text-align: center;">XP956 (Kaye) Reversed TF Li 20</p>	<p style="text-align: center;">XMP26 (4-hrs) (RF) XP956 (Kaye) Reversed TF MSE Calibrations rtEFIT Upgrade Li 20</p>	<p style="text-align: center;">XMP56 (Swift camera) XP955(Mueller) XP928 (Raman) XP917 (Heidbrink) XP938 (Skinner) XP957 (Roquemore)</p>

	17-Aug	18-Aug	19-Aug	20-Aug	21-Aug
17	<p style="text-align: center;">Magnetic calibrations</p>				