

Status of 2010 Campaign Coordination Effort

E. Fredrickson & S. Sabbagh

Run time allocated vs. used

- 1 day = 8 hours
- Average of 41.5 'good' shots/day

TSG	1st priority XP run days	1st + 2nd priority XPs	Milestones	Days used	Days scheduled
Advanced Scenarios and Control	6	8	R(10-2)	5.8	1.5
Boundary Physics	8	10	Joint, R(10-3)	9.2	1.5
Lithium Research	5.5	8		8.1	0
Macroscopic Stability	6	8	R(10-1)	6.1	1
Solenoid-free Start-up and Ramp-up	4.5	6	R(10-2)	0	4
Transport and Turbulence	5.5	7		3.5	2.5
Wave-Particle Interactions	6	8	R(10-2)	2	1.5
ITER high priority	5	5.5	R(10-1,2,3)	2.7	3.5
Cross-cutting & Enabling	13	14.5	R(10-2)	12.1	0.5
Total	59.5	75		49.5	16

Short term schedule

	Monday	Tuesday	Wednesday	Thursday	Friday
10	Maqueda 16-Aug	Maqueda 17-Aug	Maqueda 18-Aug	Maqueda 19-Aug	Maqueda 20-Aug
	Maingi XP1043 Heat flux profiles 3 of 3	Maingi XP1043 Park XP1048 RMP/ELMs vs. q95	YS Park XP1022 RWM Statespace cntl	Berkery XP1020 RWM Passive Stab. Sabbagh XP1023 Opt. RWM fdbk	Boedo Soukhanovskii XP1045 Snowflake Maingi XP1029 LH threshold
Shots	41 RF vacuum cond.	35/29	41 RF vacuum cond. TS calibration	29/20	RF vacuum cond. 10/
11	23-Aug	24-Aug	25-Aug	26-Aug	27-Aug
	XMP 26 HHFW Plasma Conditioning HHFW	XMP026 Taylor XP1009 Low Te/lp HHFW	XMP026 Taylor XP1009 Low Te/lp HHFW	Ahn XP1046 ELM heat flux Soukhanovskii XP1045 Snowflake	McLean XP1021 Halo Currents w/LLD midrun assessment
Shots					
12	30-Aug	31-Aug	1-Sept	Bell 2-Sept	Bell 3-Sept
	Loarte XP1026 ELM suppression	Mansfield XP1056 Droppers Soukhanovskii XP1050 divertor detachment	R Bell XP1041 Rotation Zweben XP1051 BEAP	Heidbrink XP1014 Angelfish (0.5) Kolemen XP1058 Squareness	Gerhardt XP1006 High Kappa
Shots					
13	6-Sept	7-Sept	8-Sept	9-Sept	10-Sept
	Labor Day	XP1034 Raman	XP1034 Raman	XP1034 Raman	XP1034 Raman
Shots					

≈3.5 “unscheduled” days

	Monday 13-Sep	Tuesday 14-Sep	Wednesday 15-Sep	Thursday 16-Sep	Friday 17-Sep
14	Ren XP1037 High-k parametric	Canik XP1025 ELMs/Jogs/3-D fields	Tritz XP1013 *AE electron transp.	Smith XP1038 multi-scale turb. Kubota XP1039 Ohmic H-mode	Fu XP1015 M3D-k Validation Buttery XP1032 Error field H-modes
Shots					
	20-Sep	21-Sep	22-Sep	23-Sep	24-Sep
15	Battaglia XP1030 ELM suppression Maingi XP1029 LH threshold	Canik XP1047 density pumpout			Maingi XP1049 edge profile w/LLD Soukhanovskii XP1002 Imp. Red. LLD/divertor
Shots					
	27-Sep	28-Sep	29-Sep	30-Sep	1-Oct
16					
Shots					
	4-Oct	5-Oct	6-Oct	7-Oct	8-Oct
Shots					