

Initial Run-time Guidance for XP Prioritization

(Preliminary – can/will be tweaked/modified post-forum)

Baseline (12+4 weeks) # run weeks: 16
 Estimated total # run days: 80
 Estimated XMP run-days: 25
 Reserve for multi-TSG XPs: 10
 Contingency / director's reserve: 5
 Nominal total days for TSG/TFs to prioritize: 50
 Minimum # run days per TSG / TF: 2.5
 Milestone weighting for FY15-early FY16 run: 0.75

Cross-cutting commissioning, shot development, calibrations (may not include TSG-specific XMPs)

Priority #1 fraction
0.75

TSG / Task Force	FY 15 Milestones	FY16 Milestones	FY15 count	FY16 count	Milestone additional runtime	Forum Idea Count Increment	Nominal TSG / TF run days for single TSG XPs	Nominal TSG / TF run days for multi-TSG XPs	Nominal TSG / TF run days for all XPs	Nominal Priority 1 XP run time	Nominal Priority 2 XP run time	
Boundary	Pedestal	R15-1		1	0	0.75	0.5	3.5	1	4.5	3.5	1
	Divertor and SOL	R15-1	R16-1	1	1	1	1	4.5	1	5.5	4	1.5
	Materials and PFCs		R16-2		1	0.25	0	2.5	1	3.5	2.5	1
Core	Macroscopic Stability	JRT-15, R15-3	JRT-16	2	1	1.75	1	5	1	6	4.5	1.5
	Transport & Turbulence	JRT-15, R15-1		2	0	1.5	0.5	4.5	1	5.5	4	1.5
	Energetic Particles	JRT-15, R15-2	R16-3	2	1	1.75	0.5	4.5	1	5.5	4	1.5
Scenarios	Advanced Scenarios and Control	Notable, JRT-15, R15-2, R15-3	JRT-16, R16-4	4	2	3.5	1	7	1	8	6	2
	Solenoid-Free Start-up		R16-4	0	1	0.25	0	2.5	1	3.5	2.5	1
	Wave Heating and Current Drive		R16-3	0	1	0.25	0	2.5	1	3.5	2.5	1
Task Forces	Particle Control	R15-3		1	0	0.75	0.5	3.5	1	4.5	3.5	1
Total:								40	10	50	37	13