

FY05 NSTX run coordination status

- Meeting with ET leaders to begin drafting run-plan
 - Have met with MHD, ISD, T&T, RF so far
 - Edge and SFSU finished by next Monday
 - Aim to identify the following across ETs:
 - Latest estimate of # of run-days requested for high priority XPs
 - When experiments can be run during run year
 - Commissioning time for diagnostic and control system needs
 - Offsite collaborator needs
 - Mapping between proposed experiments and FY05 milestones
- Logic/vision behind FY05 run to be presented at PAC-17
 - January 20-21st
- Begin preparing draft initial run schedule for PAC meeting

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- Some issues that impact early run scheduling
 - Magnetic calibrations, EFIT, and control algorithms need to be modified to include new PF1A geometry
 - Old shots with PF1A will need to be modified by operators
 - rtEFIT DND target should be established early
 - Precise gap control required by HHFW
 - Desire to scan magnetic balance easily
 - HHFW coupling/heating studies, USN H-modes
 - Possibly for RWM similarity experiment with DIII-D
 - MHD would like to use SPA → RWM coils early in run
 - Most recent projection for this capability is April
 - If we're into plasma ops in early March, this could mean 1 mo. delay
 - Impacts calibrations, error field studies, RFA expts, rotation damping, etc.
 - Several requests for SGI availability
 - Non-D₂ puffing capability for perturbative-Te experiment