

# Run schedule assumptions

FY15			Early FY16	
Run Weeks 1-4	Run Weeks 5-8	Run Weeks 9-12	Run Weeks 13-16	17-18
Commissioning	Science	Science	Science	



Mid-run assessment



Scope of pre-forum meeting #2 - see next page for additional details



Scope of Research Forum

- Pre-forum meeting #2 should emphasize XMP/XP title, goal, author identification to cover first 2 run months (Weeks 1-8)
- Forum should emphasize prioritization of XPs for weeks 3-18, but also document commissioning XMP/XP goals + run-time
- Mid-run (re-)assessment after first 6-8 Science run-weeks

# Assumptions for first 2 run-months to use in identifying XMP/XP titles/goals/authors for Jan 29<sup>th</sup> pre-forum meeting #2

- Machine Commissioning...assume 1 month (run weeks 1-4)
  - Develop basic breakdown, current ramp, shape/position control, diverted plasmas, H-mode access, basic fuelling optimizations.
  - Goal: 1 MA, 0.5 T, NBI-heated H-mode (i.e. ~NSTX fiducial levels)
  - Diagnostic commissioning
  - Boronized PFCs
  - Mostly XMPs
  - **What science (aka XPs) can be done during this phase?**
- 1st Month of Science Campaign (run weeks 5-8)
  - Boronized PFCs, possibly begin lithium coatings
  - Operations and basic profile diagnostics, neutron rate,...
  - Operation up to 1.4 MA and 0.65 T, 2 seconds
  - 6 beam sources up to 90 kV
  - HHFW available for commissioning
  - **What critical XPs can/should be done during this phase?**