

WPI-TSG: Status of diagnostics, future plans

April 29, 2010

- 2010 Run has started – what is the status of WPI-related diagnostics?
 - Please let people know if a diagnostic is not working – this may affect the Run schedule (especially the “RF mini-campaigns”).
- Are new diagnostics coming online for the next Runs?
- Current plans: no NSTX opening between FY11 and FY12.
 - Poses limitation for in-vessel work between FY11 and NSTX upgrade
 - Minor vents still possible (?)
 - Schedule for FY10-FY11 opening is already tight: tFIDA, MSE-LIF; LLD?
 - Availability of technicians, engineers might be limited
 - Need to layout plans for future systems as soon as possible
- Is there anything we need to test/check before NSTX upgrade that requires in-vessel work?

Presentations

- High-K (Y. Ren)
- FReTIP (K. C. Lee)
- Ultra-fast SXR diagnostic (K. Tritz)
- BES (D. Smith)
- HF Mirnov coils upgrade; *AE antenna (E. Fredrickson)
- UCLA reflectometers (N. Crocker)
- RF diagnostics (P. Ryan/J. Hosea)
- FIDA systems (A. Bortolon)
- ssNPA (B. Heidbrink)
- sFLIP and Fusion Source Profile diagnostic (D. Darrow)