

NSTX Weekly Report (Sept. 22, 2006)

FY 2006 NSTX plasma operations completed on June 23, 2006.

Joule Milestone: 11 weeks

Achieved: 12.66 weeks

The NSTX team made presentations at the DOE Midterm Review of Major MFE Facilities on September 21, 2006 in Germantown, Maryland.

No NSTX Physics Meeting on Monday, Sept. 25, 2006. (S. Kaye)

Engineering Operations (A. von Halle, C. Neumeier)

The NSTX outage continued this past week with the trial fit-up of the lower divertor plates at Bay B, modified for the new Poloidal CHERS diagnostic, and then the reinstallation of in-vessel scaffolding for trial fit-ups of the upper plates. After the successful fit-ups, the plates were removed for vacuum preparation. Maintenance of the Field Coil Power Conversion ground and line switches continues, and tests/inspections of the Neutral Beam calorimeter are underway in preparations for the repair of the drive assembly.

The test cell will remain in free (card reader) access through the coming week, only locking up the test cell for a brief period early Tuesday morning for electrical insulation tests.