

**Princeton University Workshop on NCSX Cost Estimating
Princeton Plasma Physics Laboratory, May 1-4, 2007**

Working Group

George Coward, consultant (Chair)
Simon Anderson, University of Wisconsin, Madison
Chris Gruber, consultant
Bill Sands, Princeton University Physics Department
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Agenda, rev. 2

Tuesday, May 1, 2007, Room LSB-318

Overview Session (Plenary)

- 8:30 Charge to the Committee, Review Plan, and Discussion (S. Smith, R. Goldston)
- 9:00 Project History, Status, and Cost Issues (H. Neilson)
- 9:30 Tour of NCSX Manufacturing Facility and NCSX Test Cell (L. Dudek, M. Viola, J. Chrzanowski, E. Perry)
- 10:45 Break
- 11:00 Overview of Remaining Work and Risks (W. Reiersen)
- 11:45 Committee discussion and working lunch

Field Period Assembly (Plenary)

- 1:00 Station 1. Vacuum Vessel Assembly (M. Viola)
- Station 2. Modular Coil Interfaces and Assembly (M. Viola)
- Station 3. Modular Coil Installation (M. Viola)
- Station 5. Final Field Period Assembly (M. Viola)
- 3:30 Committee discussion

Agenda, cont'd.

Wednesday, May 2, 2007

Final Assembly through First Plasma (Plenary) LSB-318

- 8:00 Station 6. Final Machine Assembly (E. Perry)
- 9:30 Integrated System Testing (C. Gentile)
- 10:15 Assembly Specs and Drawings (M. Cole)
- 10:45 Break
- 11:00 Assembly Parts (L. Dudek)
- 11:30 Assembly Tooling (T. Brown, L. Dudek)
- 12:00 Committee discussion and working lunch

Coil Services and Cryogenic Systems, LSB-318

- 1:00 Electrical Leads (P. Goranson)
- 1:30 LN Distribution System (P. Goranson)
- 2:00 Cryogenic System (G. Gettelfinger)
- 2:30 Cryostat (G. Gettelfinger)
- 3:00 Break
- 3:15 Project Management and Control (H. Neilson, R. Strykowski)

Agenda, cont'd.

Thursday, May 3, 2007

Coil Fabrication, LSB-318

- 8:30 Project Engineering (W. Reiersen)
- 9:15 PF, Trim, and TF Coils (M. Kalish)
- 9:45 Support Structures: Central Solenoid, Coils, and Machine Base (F. Dahlgren)
- 10:15 Break
- 10:30 Power Systems (S. Ramakrishnan)
- 11:15 Central Facility I&C (P. Sichta)
- 12:00 Committee discussion and working lunch

Electrical Systems, LSB-318

- 1:00 Modular Coils (J. Chrzanowski, L. Dudek)
- 1:30 Diagnostics (B. Stratton)
- 1:50 Facility Systems (L. Dudek)
- 2:10 Vacuum Pumping and Gas Fueling (W. Blanchard)
- 2:30 Committee discussion

Friday, May 4, 2007, LSB-318

- 8:30 Committee Discussion
- 11:00 Committee De-brief.
- 12:00 Adjourn