US ITER Project Office: Communications

Communications and Human Resources

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US Hardware Contributions
US Hardware Contributions

**ORNL**
- 100% of Central Solenoid
- 8% of Toroidal Field Conductor
- 100% Pellet Injector
- Blanket/Shield (design only)
- 100% Tokamak Cooling Water System

**PPPL**
- 75% Steady State Electrical Network
- In-Vessel Coils (prelim. design only)

**ORNL**
- 16% of Port-based Diagnostics
- 88% Ion Cyclotron Transmission Lines
- 88% Electron Cyclotron Transmission Lines

**SRNL**
- 100% Tokamak Exhaust Processing System

**ORNL**
- 100% Roughing Pumps, Vacuum Auxiliary, Standard Components
Latest News from US ITER

- Successful Department of Energy / Office of Science Review (April)
- Short-term Goal: Achieve CD-2 status in 2012
- Designs are on track for completion in 2011 and 2012; focus will shift to fabrication in 2013
- Over $103 million in contracts have been awarded by US ITER
US ITER Communications

Goals

• Explain significance of ITER and fusion research
• Convey US commitment to ITER
• Highlight industry engagement
• Support fusion research community

Strategies Include

• Providing accurate and timely progress updates to key project, science and policy audiences
• Improving US ITER web and media presence
• Extending public and education outreach activities
Website: www.usiter.org

**Videos:** *Energy for the Future, Careers in Fusion Science*

**US ITER Building Displays**

**Established Publication Schedule** for Newsletters, Updates, Congressional Summaries

**New and Updated Exhibits** including Perot Museum of Nature and Science in Dallas, Texas and American Museum of Science and Energy in Oak Ridge, Tennessee

20+ US DA presentations annually

US ITER has awarded 90 major contracts totaling over $103 million. Significant awards include $25.9 million to Lurita Waterbury and $7.7 million to Oxford Instruments for toroidal field (TF) conductor fabrication, $19 million to AREVA Federal Services for design and engineering support of the tokamak cooling water systems, $9 million to AIT for scientific/engineering support of the magnet and electron cyclotron systems, and $4.1 million to High Performance Magnetics (formerly known as CEET) for integration services for the TF conductor.

US contributions to ITER are managed as a Department of Energy Office of Science project through Oak Ridge National Laboratory, with partners Princeton Plasma Physics Laboratory and Savannah River National Laboratory.