

# Obsidian primary exhibit located in Booth 1230 (Xnet) Longbow technology deployed throughout show floor



**US Department of Energy - Dr. Nagi Rao, ORNL**  
(2) **Longbow XRs** over 4600 miles of OC-192 SONET  
**Wide Area InfiniBand RDMA** bandwidth demonstrations  
**Booth 538**

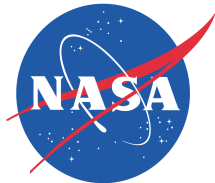


**US Department of Defense - Dr. Henry Dardy, NRL**  
(4) **Longbow XRs** over 2600 miles of dual-10GbEthernet  
**Joint Capabilities Technology Demonstration**  
**Booths 2623 and 703**



AMES LABORATORY

**US Department of Energy - Troy Benjegerdis, Ames**  
(2) **Longbow XRs** over 1600 miles of 10GbEthernet  
High performance **long-haul routed InfiniBand PVFS**  
**Booth 181**



**NASA Advanced Supercomputing – Chris Buchanan**  
(2) **Longbow Enterprise** over 6 miles of 10GbEthernet  
Visualization with integrated **InfiniBand Encryption**  
**Booth 318**

Xnet exhibits



**Supercomputing 2007 show floor Infrastructure**  
(4) **Longbow XRs** – over dark fiber  
**InfiniBand routing** across three showfloor subnets

**Supercomputing 2007 show floor Infrastructure**  
(10) **Longbow Campus** over dark fiber  
**InfiniBand range-extension** to span convention center



**QLogic**  
(8) **Longbow Campus** - 40Gbits/s  
**InfiniBand System Area Networks**  
**Booth 261**

## Participating Exhibitor Booths

