

# Network Update for LONI Management Council

## Network Accomplishments

- Higher-Ed Connections: ULM in Baton Rouge and Shreveport upgraded to 50Mbps, NSU in Marksville at 10Mbps, LSU HSC Shreveport upgraded to 140Mbps, 1GE Layer2 connection for McNeese to LaTech's DRC, and decommissioned P5 routers at UNO and Tulane
- LCTCS Connections: SOWELA upgraded to 50Mbps, LTC Gulf Area back at 10Mbps and RPCC upgraded to 100Mbps
- Partners: Collaborating with DOTD on fiber improvement in Baton Rouge and New Orleans, along the Northshore as well as discussion on a new I-49 permittee.
- General: All Miss. schools have moved away from connecting directly to LONI and now are behind MissION, but they have initiated a call to peer even after Internet2's delivery.
- NSF-EPSCoR-C2: Fiber RFP opens April 26 with an anticipated construction period of 120 days.
- Fiber to Nicholls State: Working on final RFP draft with LSU Purchasing to be submitted to OSP for solicitation.
- Research: NSF Awarded Internet2 DYNES – LONI has been awarded as a sub-recipient. NSF Campus Cyberinfrastructure – not enough research bandwidth to justify Internet2's 100G offering and therefore a submittal from "LONI."
- Internet: 6Gbps today but waiting on delivery of an additional 4Gbps
- Internet2: RAC priorities: Innovation Platform Initiative, Virtual Organizations, Large Data Transfers, Net+ implications for research activities and Researcher Rotator Program - <http://www.internet2.edu/research/rotator-program.cfm>

## Short-term Plans:

- LIGO moves to be directly-connected to LONI instead of LSU
- Dual Delgado WAN configuration
- Decommission P5 routers at ULL and SUBR
- LCRC at 1000Mbps
- ITB 2247512: LCTCS/LONI/BROADBAND - New LTC Greensburg, LA campus as well as 5 other campuses served by T1's.
- New LTC Winnfield campus, LTC Ferriday campus move, New LTC Shriever Campus
- Multiple MPLS/VLAN configuration for LCTCS to SunGard's Hosted Service – Delta Community College is last to be implemented
- World IPv6 Launch Day – June 6, 2012 - <http://www.worldipv6day.org/>

## Long-term Plans:

- LONI PoP at Venyu in Bossier City at CIC as well at DPS
- LONI network data in GIS

## Events:

- TechPawLooza 2012 Educate! Connect! Discover! – March 14, 2012 - <https://sites.google.com/site/techpawlooza12/>

## Issues:

- **2015 – Fiber and Equipment(Network and HPC)**