NevadaNet Presentation – Ed Anderson (SCS)

Ed Anderson gave an overview presentation on the state of NevadaNet – key activities, who we serve, capacity information, resource allocation, and current challenges/new directions. Of particular concern are the loading levels on the northern and southern commodity Internet connections and also the North/South connection. (Please see the copy of the presentation included with these minutes.)

Ed is putting together a schedule to allow individual institutions to make their own presentations to the group at future meetings – discussing the state of their networks, current activities, issues of interest, critical needs, goals and objectives etc. He would like to have one or more of these presentations each month. A tentative schedule has been prepared and is displayed below: Please review and comment on your ability to make a small presentation on the date proposed.

| Proposed Institutional Critical Needs, Goals and Objectives Presentation |
|-----------------------------|----------------|
| Entity         | Date         |
| DRI            | 10/6/2009    |
| WNC            | 11/3/2009    |
| CSN            | 12/1/2009    |
| NSC            | 1/5/2010     |
| GBC            | 1/5/2010     |
| UNR            | 2/2/2010     |
| TMCC           | 3/2/2010     |
| UNLV           | 4/6/2010     |
| UNSOM/AHEC/NRHP| 5/4/2010     |

Network Projects Review – Ed Anderson (SCS)

RFQ for 10 Gbps Southern Commodity Internet
To address the problem of the Southern Commodity Internet rapidly nearing its capacity, we issued an RFQ for a 10 Gbps connection. We have now received ten responses back and are in the process of reviewing them.

Economic Stimulus Application Status
SCS created a proposal with NTIA and the RUS for Economic Stimulus funds. The
application was completed and filed on August 17. It entails developing fiber distribution points along our I-80 and U.S. 50 fiber paths in the communities of Fernley, Fallon, Austin, Lovelock, Wells, and an upgrade for the existing facility in Ely.

**UNR IP Address Space Migration**
Bill King from SCS said that changes to the .11 Modem Bank subnet have been completed. At DRI, Bill Dippel has the new firewall on order and is in the process of planning the changes to the .100 subnet. At GBC, Jeff Cox reports continuing progress. The work is approximately 40% complete and progress is being made on the remaining subnets.

**UNR Dorm Internet Link** – Jeff Springer (UNR)
UNR has completed a new internet access link to the UNR residence halls. The dorm residents were complaining about not being able to play Xbox on the dorm network. They were on private address space that was not very compatible with Xbox. To address this, UNR borrowed address space from SCS and were set up with a dedicated link to one of SCS’s routers. The residence halls are now sitting in a kind of intermediate firewall area. There is a firewall between the residence halls and SCS, but the UNR gamers are now outside of UNR’s main border firewall. That gives UNR increased security on the campus network because dorm residents have to come in through the outside and are treated like any other outside connection. UNR can now also give them public IP space, so their Xbox issues should be resolved.

**NRHP/UNSOM Last mile upgrades**
Our application for economic stimulus money covers what is called the “middle mile” which is out to the distribution point. NRHP also submitted an economic stimulus proposal to provide higher bandwidth to some rural facilities, and their proposal addresses the “last mile” portion. NRHP requested that SCS/NSHE assist in developing a plan to address the last mile connections to NevadaNet, and we have provided them estimates for about 10 rural sites.

**Lou Ruvo Center Video Connection (Cleveland Clinic)**
We are in the process of connecting the Cleveland Clinic Lou Ruvo Center to NevadaNet. Ed Anderson asked Dan Tone for a copy of the agreement that has been executed with the Lou Ruvo Center to assist him in the effort.

**Shadow Lane – 48 VDC Connection**
This is a completed project. We connected our Shadow Land optical gear to their voltage supply.

**Systems Support Services** – Chris Gaub (SCS)

SSS is working with UNLV as they prepare for their “go live” on September 14. The Shared Instance is going live on September 14 with the exchange of bio-demographic data and on October 12 for admissions. We are also now beginning to work with UNR as they move toward iNtegrate.
**Information and Application Services** – Dodie Bryant (SCS)

IAS is working on the same iNtegrate activities as Support Services, but on the applications side. Things are going well.

**System Security Update** – Jana Dunn (SCS)

Nothing new to report at this time.

**Systemwide Software/Client Services**

Nobody was available from Client Services to give an update.

**Data Center and Facilities Planning** – Rich Ayala (SCS)

We have been putting together an estimate for an additional tower to the Las Vegas cooling system. That information has been provided to Glenda Krietlow and will also have to be sent to the State Public Works Board as well.

We have also been working with John Goetz and Mark Sexton to collocate some additional equipment in Reno.

**Other Issues**

**New Director at Purchasing** – Ron Ritchey (BCN Purchasing)
Business Center North announced a new director of purchasing – Laura Rivera. She comes from El Paso Community College and K-12 where she was the director of purchasing. We are all pleased and happy to have her aboard.