

Antelope Users' Group Meeting University of Nevada Reno Campus October 23-25, 2012

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Day 1: (1/2 Day - early Day 2 if necessary) 1-5PM:

Presentations - Current Antelope Networks

We ask each network presentation to follow a similar formula; attributes of their network operations, preferably somewhat in the order below (10-15 slides; 20 minutes). We're open for suggestions on improved organization; feel free to forward suggestions. We'll begin with a tour of NSL network facilities.

- 1) How many stations do you operate?
- 2) What's your operating budget and staffing; main sources of operating funds?
- 3) Current hardware platforms; future hardware plans.
- 4) What is the general allocation of datalogger/sensor types; network topology? Mechanisms for bringing in data.
- 5) Failover procedures.
- 6) Do you organize regular network operations meetings; how to you manage these?
- 7) What are the principle telemetry mechanisms, how is it managed/funded?
- 8) What are your obligations as a network; who/what do you serve and what do they want?
- 9) Real-time/reviewed products (ShakeMap, MTs, FMs, etc.), what are the timelines, performance requirements, on deliverables? (we know what this is for ANSS Networks)
- 10) How do you process/build a catalog; incorporate external catalogs.

- Where does it go, who is it primarily for? What event type 'flags' do you include in your database; e.g., blast, probable blasts, sonic, volcanic type source, etc?
- 11) What are the features of your local archive; what about remote archives DMC, NC, CI, NEIC, Menlo, tsunami, etc ...?
 - 12) What other products are produced, what are you working on now, what do you see as short-term needs/challenges?
 - 13) What research tools do you rely on; what development would be most valuable for your research goals?
 - 14) What is a 5-year vision for your network?

Day 2 (all day): Group Assessment/Discussion

Feel free to suggest other topics/changes

- 1) Summary of network presentations; strong-points/needs – further effort required.
- 2) BRTT overview of the 5.2 platform capabilities and new strategies.
- 3) Dbloc3 rewrite? Bring your suggestions.
- 4) Address routine products; ShakeMap, notifications, MTs, short-period mechanisms, high precision relocations, HAZUS? What all is out there in terms of routine network products that could be adopted more broadly. How will Antelope users keep pace with evolving ANSS performance standards/capabilities?
- 5) Where are the challenges, where are the bottlenecks.
- 6) What development efforts are underway; how can they be optimized for within the users' group.
- 7) Are networks converging or diverging on approaches dictated by obligations or other constraints?
- 8) Metadata management?
- 9) Review of new/improved 'core' Antelope functions (e.g., dbloc3)?
- 10) What are/will-be 'contrib'?
- 11) Needs for research applications; how best to integrate with the Antelope platform to appeal to a broader community.

Day 3 (1/2 day): Summary - improved interaction - action items

8AM – 11:30AM: Feel free to suggest other topics/changes

- 1) Action items; discussion of application and product priorities.
- 2) Further discussion of BRTT planned development.
- 3) How does the user community participate and benefit more directly from application development going on within the User Group?
- 4) Mechanisms for better integration of the network operations user community?
- 5) Users' group goals.

Lodging:

The Hyatt Reno Airport has been a popular place for visitors to NSL. Off the downtown casino row; quiet.

<http://renotahoeairport.place.hyatt.com/hyatt/hotels-renotahoeairport-place/place/index.jsp>

When get some feedback on a head count, we'll try to reserve a block of rooms. Also, we'll have a van(s) to pick anyone up who doesn't have a vehicle in the morning.

Let us know if you plan to attend and we can ask for a room block; Tues. & Weds.