

Antelope User Group

Antelope User Group Agenda

4-6 November, 2013

Papagayo, Costa Rica

Monday, 4 November 2013 / Network specifics

Time	Topic	Presenter
9:00	Welcome and Introduction	Javier Pacheco, OVSICORI
9:15	Current Networks – Antelope Summary, 15-30 minutes per group (See questions for all networks to answer at the end of the agenda) A. OVSICORI B. ANF C. PGC D. Alaska E. Others?	Pacheco- OVSICORI, Vernon-ANF, Cote- NRCAN, Ruppert- Alaska
11:30	Met data recorded by ANF	Frank Vernon, ANF
12:15	Lunch	
1:30	Real-Time Volcano Monitoring with Antelope	Mathias Franke, KMI
2:00	Seismic/Volcano Monitoring in Costa Rica	Pacheco- OVSICORI
3:00	Break	
3:30	Infrastructure for large seismic networks	Geoff Davis, ANF/UCSD
4:15	break out sessions to discuss individual network issues/problems?	
5:00	Conclude for the day	

Tuesday, 5 November 2013 / Antelope topics

Time	Topic	Presenter
9:00	“New Products”	KMI
9:30	What’s New in Antelope including discussion of python developments	Kent Lindquist, BRTT
10:45	BRTT’s New Support Ticket System	Kent or Jennifer, BRTT
11:00	Discussion of problems, missing tools, etc.	all
11:30	Next generation of analysis tools (dbloc)	Taimi
12:15	Lunch	

1:30	Status of contributed software development including a brief update on state of moment tensor development, polarization detector.	Frank Vernon, ANF
2:00	Bulletin server	Jennifer Eakins, ANF/UCSD
2:15	Peregrine: Web-enhanced Antelope	Kent Lindquist, BRTT
3:00	Ask Mathias if he'll give "Measuring the RMS Velocity Level in Buildings" (talk he gave in Brisbane)	Mathias Franke, KMI
3:30	Break	
4:00	Open discussion/catch-up slot	
5:00	Conclude for the day	

Wednesday, 6 November 2013 / Training topics

Time	Topic	Presenter
9:00	Network Processing in Antelope	Danny Harvey, BRTT
10:30	Examples of programming, discussions of setting up real-time systems, git contrib environment, metadata environment	Juan & others ANF/UCSD
12:15	Lunch	
1:30	orbassoc, orbevproc and tuning techniques for better locations	Danny Harvey, BRTT
3:30	Break	
4:00	Wrap up/summary of meeting	
5:00	Conclude meeting	

Additional topics that might be covered/discussed:

- A Streaming Processing Model for Efficient Computations of Large Continuous Data Sets (Danny/BRTT)
- shakemaps (no one has claimed this topic)
- setting up alerts/alarms
- user/network specific questions. Note - network operational support is **outside the scope of this meeting**

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. (Based on a list put together by Ken Smith for AUG in Reno Sept. 2012).

1. How many stations do you operate?
2. What is the general allocation of datalogger/sensor types; network topology? What mechanisms do you use to bring in data?
3. What's your operating staffing (number of analysts, sys-admins, etc); main sources of operating funds?
4. Current hardware platforms; future hardware plans.
5. Failover needs and current procedures.
6. Do you organize regular network operations meetings (both internal and/or with surrounding networks)? How often and what do you see as lacking?
7. What are the principle telemetry mechanisms, all real-time, some stand-alone that needs to be merged in?
8. What are your obligations as a network; who/what do you serve and what do they want?
9. Real-time/reviewed products (origins, magnitudes, shakemap, etc.), what are the timelines, performance requirements, on deliverables?
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 (who do you share your data with), how is your data backed up?
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?