

NOAA Science On a Sphere Users Collaborative Network Workshop

NOTES
Break Out Group 1a
SOS System Issues and Improvements

Day 2
Bishop Museum
July 30, 2008
Honolulu, HI

Q: PIP? Where? How?

A: We don't have anything that will help you with the image projection and spherical projection, check with Mike Foody. Read descriptions for a text file, will come out in spherical format to fix the distortion problems.

Q: Is there a way to redraw the world so that Washington DC can go through the equator?

A: Doing it in pre-production versus on the fly are two different things.

TIP: Move the poles down so that they are visible though the equator. Basically, Kathy wants a map that is already tilted. That way, she can add shapes to it without worrying about distortion.

Disparities between older computers and higher resolution: 3D geometry, GPUs to do calculations may or may not work on older cards.

Q: # of things about PIPs: possible to put a jump or repeat word in playlist so it starts over automatically?

A: Playback in data animates but PIPs don't come back. Data sets still have no beginning and end points, but yes, we will fix playback behavior, it's not a unique problem.

Kathy: We had to double the memory because the animation kept crashing.

Q: Having multiple kiosks: can send commands? Will SOS be able to send out updates to other interfaces?

A: Have to pull (poll?) SOS user interface and pull (poll?) the system about 30 times a second.
NC: doesn't have to do a lot.

Q: Least demanding to be implemented?

A: Kiosk user interface is easiest, play command. Get some of Mike's interface software. It's very easy and uses Microsoft programs.

Q: How are shows controlled?

A: Timeline to animation.

Q: Labeling-can make automation?

A: No. Right now labels are data overlaps. Example: static map with content on top. Coming soon: more controls over layering and images, movie objects, put in transparent pings.

Q: How do you do a transparent ping?

A: Demo. Maurice copies and pastes. Easiest way to send commands is to use to connect to SOS.