



Re: UPDATE

Bill Lehr o Peter Cornillon

05/24/2010 06:10 PM

Alberto Aliseda, Franklin Shaffer, ira leifer, Juan Lasheras, Poojitha Yapa, "Espina, Pedro I.", pete, Marcia K McNutt, Paul Bommer,
Cc: James J Riley, "savas@newton.berkeley.edu", "Steven Wereley T.",
"Caramanian, Lori"
Please respond to Bill.Lehr

Our guys will do whatever the team wants.

On 5/24/10 2:45 PM, Peter Cornillon wrote:

Bill,

I wonder if it would be useful for your editing guys:

- 1) To make a low quality subsampled video, e.g., one frame a second or one frame every few seconds, and
- 2) To break the high quality video into say 5 minute segments.

We could then use the low quality video to collectively choose one or two reference times that everyone would use for a first estimate, and then, assuming that we have good agreement between the groups, we could choose a suite of times to sample and divide them up among the different groups to get a sense for how the flux varies in time.

I'm assuming that the full resolution, high quality videos (2 above) can be saved in such a way that one can easily identify and download the segments of interest from the browse video. Note that this will not preclude looking at sections of the high quality video in the initial selection phase.

Given that the file is too large to FTP to Seattle, it seems that we need to have a plan in place to efficiently select and acquire the segments of interest once they have been transferred. I've offered one alternative for doing this above. Another alternative is to have someone at Seattle do the subsampling/selection, but my guess is that the group will quickly find that they want more. Furthermore, we do not have the context that would have if we had a browse video.

What do the rest of you think about this?

Peter

On May 24, 2010, at 4:55 PM, Marcia K McNutt wrote:

Right. The problem is that the workclass ROVs record their data in one large file. No EOFs during the deployments, which can last for more than a day. When BP tried before to use simple tools to extract segments of video from these huge files, they ended up degrading the quality such that it wasn't useful for scientific analysis. Not wanting to do that again, they left the entire file intact, and just provided the video time codes for the sections that would be the best for analysis thinking that people could just fast forward to those places. However, the file itself is too large to FTP to Seattle.

BP offered to get a professional video editing company in this evening to edit out the

sections that were selected and then FTP those short sections, but Bill decided it would be better to just Fed Ex the disk overnight to him in Seattle and let his folks there do the job. That way he will have all of the data and can choose what looks best.

Another setback. Sigh :(

Marcia

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From: Bill Lehr <Bill.Lehr@noaa.gov>

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To: Ira Leifer <ira.leifer@bubbleology.com>, "pete@gso.uri.edu" <pete@gso.uri.edu>, "Espina, Pedro I." <pedro.espina@nist.gov>, Juan Lasheras <lasheras@ucsd.edu>, Alberto Aliseda <aaliseda@u.washington.edu>, Poojitha Yapa <pdy@clarkson.edu>, James J Riley <rileyj@u.washington.edu>, Paul Bommer <pmbommer@mail.utexas.edu>, "Savas@newton.berkeley.edu" <Savas@newton.berkeley.edu>, "Wereley@purdue.edu" <Wereley@purdue.edu>, Franklin Shaffer <Franklin.Shaffer@NETL.DOE.GOV>

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CC: Marcia K McNutt <mcnutt@usgs.gov>

Date: 05/24/2010 04:41 PM

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Subject: UPDATE

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Apparently the video data is contained on a hard drive with other clips that are not useful and the BP folks in the Gulf do not have editing capability on site. Dr. McNutt is arranging for the hard drive to be

fedexed to NOAA-Seattle where we have staff from some of our
sister
groups who can edit it for us.

In the meantime, how is the analysis going on the smaller leak?
Anybody
have any numbers yet?

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