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**From:** J. Stuart - NOAA Federal <j.stuart@noaa.gov>  
**Sent:** Thursday, May 2, 2019 9:44 AM  
**To:** Perry, Russell  
**Cc:** Cathy Marcinkevage - NOAA Federal; Adam Pope; Garwin Yip; Barbara Byrne  
**Subject:** Re: [EXTERNAL] Revisions to the USGS IA

That is good for me. Thank you all for being flexible!

Jeff

On Thu, May 2, 2019 at 8:28 AM Perry, Russell <[rperry@usgs.gov](mailto:rperry@usgs.gov)> wrote:  
Let's go with Friday, 10 - 10:30, if that works for everyone else.

Russ

Russell W. Perry, Ph.D.  
Research Fisheries Biologist  
Quantitative Fisheries Ecology Section  
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5501A Cook-Underwood Road  
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Phone: (509) 538-2942  
Email: [rperry@usgs.gov](mailto:rperry@usgs.gov)  
Website: <http://wfrc.usgs.gov>

On Wed, May 1, 2019 at 2:22 PM Cathy Marcinkevage - NOAA Federal <[cathy.marcinkevage@noaa.gov](mailto:cathy.marcinkevage@noaa.gov)> wrote:

Oops, that time doesn't work well for Jeff. How about any of these?

Thurs 11 - 11:30 am  
Thurs 1 -1:30 pm  
Fri 9:30-10  
Fri 10-1030

On Wed, May 1, 2019 at 1:50 PM J. Stuart - NOAA Federal <[j.stuart@noaa.gov](mailto:j.stuart@noaa.gov)> wrote:  
Hello All,

I think that list would work - it is what we had for the CWF. I just hope I have enough time to get it into the BiOp document (and have it make sense). It will give support to the WRLCM and DPM results. If (and I am not prejudging the results) it also shows increased travel times through the Delta, it would provide another line of reasoning for the slightly reduced survival under the PA compared to the COS. I am supposed to be on annual leave on Friday but won't be leaving until the early afternoon. If we could do a quick call a little

earlier I would greatly appreciate it. Cathy I will be in tomorrow and we could chat to make this more streamlined on our end.

Jeff

On Wed, May 1, 2019 at 11:33 AM Cathy Marcinkevage - NOAA Federal <[cathy.marcinkevage@noaa.gov](mailto:cathy.marcinkevage@noaa.gov)> wrote:

Hi all --

This sounds like a good start. I'm looping in Jeff Stuart for him to give his take, since he is the lead on the Delta division where this would be included.

Jeff, can you look through this initial list of tasks/results and see if it hits on what you would consider the priority analyses that can be provided by the STARS model (or, is similar to what we did for CWF)? I know that this is tough given the short timeline, which is why I think we should be very targeted. Also, given what you already have for analyses and are seeing in terms of effects, it could be good to use this analysis to either fill a hole or bolster another analysis. So I ask you to strategically think about that.

Russ and Adam, it looks like Jeff and I are free 12:45-1:30 on Friday. Are you available for a call then?

Thanks,  
Cathy

On Tue, Apr 30, 2019 at 9:18 AM Perry, Russell <[rperry@usgs.gov](mailto:rperry@usgs.gov)> wrote:

OK, here's a start. Feel free to edit and add. We would provide analysis of travel times simulated under scenario and provide:

- Annual plots of daily median travel time for October - June for each scenario and the difference in daily medians between scenarios.
- Boxplots and tables that summarize median travel time across years:
  - by day of year
  - by water year
  - by month

Russ

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On Tue, Apr 30, 2019 at 8:50 AM Perry, Russell <[rperry@usgs.gov](mailto:rperry@usgs.gov)> wrote:  
Hi Cathy,

Thanks for the update and heads up. I will not be working for most of May 8th - 17th, but Adam should be here. I agree with lining out the work tasks as much as possible. Can we do that this week? Next week is pretty busy.

Russ

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On Mon, Apr 29, 2019 at 1:30 PM Cathy Marcinkevage - NOAA Federal  
<[cathy.marcinkevage@noaa.gov](mailto:cathy.marcinkevage@noaa.gov)> wrote:

Russ and Adam--

Time for an update on this. We provided revisions to our contracting people and this has been going through the process, including review by counsel, which led to additional questions and clarifications.

Point is, I think that we are closing in, so I wanted to be sure that you had a heads up. Will you be able to work this into your workflow for the next few weeks? I don't want to jump the gun in case the agreement doesn't get modified, but I do think it would be a good idea to be ready to know what tasks we need to hit early when this is ready. I'll go back to your previous emails and I'll also talk with Jeff, but I thought it helpful to put this in your thought queue so we can jump on it once give the go-ahead.

Thanks!  
Cathy

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