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**From:** Cathy Marcinkevage - NOAA Federal <cathy.marcinkevage@noaa.gov>  
**Sent:** Thursday, October 25, 2018 10:45 PM  
**To:** Maria Rea - NOAA Federal  
**Cc:** Garwin Yip; Howard Brown  
**Subject:** Re: [EXTERNAL] LCM discussion

Also, FWIW, at today's LCM stakeholder call, Pablo Arroyave (ICF consultant for Friant) was very interested in SWFSC acquisition of scenarios for the ROC, and whether or when those would be available to others, and what they were doing with them. I explained that nothing has been transmitted at all yet, so SWFSC has nothing, and Rec would have to answer in timing and availability of scenarios. -- we don't know. I can provide more tomorrow, but it was a line of questioning that seemed like they were pressing to find out if work is already being done, and working the LCM forum to get things that may not be available through other routes.

**Cathy Marcinkevage**  
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On Oct 25, 2018, at 8:55 PM, Maria Rea - NOAA Federal <[maria.rea@noaa.gov](mailto:maria.rea@noaa.gov)> wrote:

So, this needs to go on Garwins list of resource needs for biop. How is that coming, Garwin?  
Let's touch base in morning.

Sent from my iPad

On Oct 25, 2018, at 5:21 PM, Cathy Marcinkevage - NOAA Federal <[cathy.marcinkevage@noaa.gov](mailto:cathy.marcinkevage@noaa.gov)> wrote:

Just making sure that everybody knows Reclamation's re-iterated statement about NOT paying for the use of the LCM for the BiOp (only for the BA).

I'm not sure where they are going with this, but know that it has been stated and re-stated SEVERAL times.

----- Forwarded message -----

**From:** Harrison, Katrina <[kharrison@usbr.gov](mailto:kharrison@usbr.gov)>  
**Date:** Thu, Oct 25, 2018 at 5:14 PM  
**Subject:** Re: [EXTERNAL] LCM discussion  
**To:** Eric Danner - NOAA Federal <[eric.danner@noaa.gov](mailto:eric.danner@noaa.gov)>  
**Cc:** Cathy Marcinkevage - NOAA Federal <[Cathy.Marcinkevage@noaa.gov](mailto:Cathy.Marcinkevage@noaa.gov)>

Hi Eric -

I caught about 10 minutes of the call today, unfortunately got pulled away from listening more. Hope it went well.

I think we talked a bit earlier, but just to confirm, Reclamation's agreement with UC Santa Cruz for the Winter-run Chinook salmon Life-Cycle Model does NOT include any funds for the SWFSC / UCSC to run the LCM for informing any NMFS Biological Opinions. This is not covered or allowed under our agreement.

Thank you,

Katrina Harrison

On Tue, Oct 9, 2018 at 2:06 PM Eric Danner - NOAA Federal  
<[eric.danner@noaa.gov](mailto:eric.danner@noaa.gov)> wrote:

Hi Katrina,

Since we are not having our Thursday call, Cathy and I thought it would be important for the three of us to have a call tomorrow instead. There are a number of pressing issues we should discuss:

1. BA scenario timeline
2. What scenarios/types of scenarios will be run
3. Use of current funding for BA vs BO

We both have relatively open schedules. I will suggest:

- a. Between 8:30 and 10:30
- b. 12:30
- c. 2:30

Any of those work for you?

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Eric Danner, Ph.D.  
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