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**From:** Cathy Marcinkevage - NOAA Federal <cathy.marcinkevage@noaa.gov>  
**Sent:** Wednesday, May 22, 2019 4:42 PM  
**To:** Evan Sawyer - NOAA Affiliate  
**Cc:** Garwin Yip  
**Subject:** Fwd: ROC LTO LCM Section  
**Attachments:** 2.5.9 LifeCycle Models--V2 -- MASTER noble.docx

Evan --

Attached is the latest version of the WRLCM section. I have reviewed and edited, and so did Noble. Sorry I didn't get you in the loop on this last week....it fell through the cracks.

Can you take some time Thurs and Fri (and even Tues if needed) to address and clean this up? Then save on the server as a new version. (this copy is also on the server)

Thanks!  
Cathy

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

**From:** Noble Hendrix <[noblehendrix@gmail.com](mailto:noblehendrix@gmail.com)>  
**Date:** Fri, May 17, 2019 at 2:43 PM  
**Subject:** Re: ROC LTO LCM Section  
**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 Cathy and Eric,

Some edits made in track changes and a couple general thoughts.

Love the alliteration Cathy - and your ability to keep a sense of humor with all that is going on! Let me know if you have any questions or need any clarifications once you get a chance to take a look. I'll be around this weekend with the requisite soccer games and birthday parties, but can likely respond if given a little lead time.

We are also working on finishing up the WRLCM description appendix and should have that sent off later this afternoon.

Cheers,  
Noble

On Thu, May 16, 2019 at 8:39 AM Eric Danner - NOAA Federal <[eric.danner@noaa.gov](mailto:eric.danner@noaa.gov)> wrote:  
All the work and travel, and she still has time to come up with alliterations. Wonder Woman basically.

On Wed, May 15, 2019 at 5:37 PM Cathy Marcinkevage - NOAA Federal <[cathy.marcinkevage@noaa.gov](mailto:cathy.marcinkevage@noaa.gov)> wrote:  
Eric and Noble --

Attached is the latest section of the LCM writeup for the ROC BiOp. I'd like you to review this to be sure we are not mis-stating anything. You can make comments and track changes directly in the document.

As of right now, we are still sending sections to the peer review on Sunday evening. If you can turn this around for COB thursday, that would be incredible. But COB Friday is when we absolutely need it. Don't worry about the IOS section --just focus on the WRLCM results.

Note that I have a few comment bubbles where I question hwo we have stated a result and what it means. Please feel free to confirm or clarify or correct (ooh, I just made up that alliteration).

Thanks-  
Cathy

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