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**From:** Garwin Yip - NOAA Federal <garwin.yip@noaa.gov>  
**Sent:** Monday, April 29, 2019 11:29 AM  
**To:** Barbara Byrne  
**Cc:** Cathy Marcinkevage; Howard Brown  
**Subject:** Fwd: ROC on LTO, Delta effects section  
**Attachments:** Untitled attachment 00913.html; 2.5 and 2.6 Delta V4mr.docx

FYI. Maria has a specific comment for you in the attached track changes. Please take a look, and let's chat.

Sent from my iPad

Begin forwarded message:

**From:** Garwin Yip - NOAA Federal <[garwin.yip@noaa.gov](mailto:garwin.yip@noaa.gov)>  
**Date:** April 28, 2019 at 7:11:03 PM PDT  
**To:** "[j.stuart@noaa.gov](mailto:j.stuart@noaa.gov)" <[j.stuart@noaa.gov](mailto:j.stuart@noaa.gov)>  
**Cc:** Howard Brown <[Howard.Brown@NOAA.GOV](mailto:Howard.Brown@NOAA.GOV)>, Cathy Marcinkevage <[cathy.marcinkevage@noaa.gov](mailto:cathy.marcinkevage@noaa.gov)>  
**Subject:** Fwd: ROC on LTO, Delta effects section

Jeff,

Please take a look at Maria's overarching comments, below, and in track changes, attached (author is NMFS), then let me know your ETA to get a revised draft back to me. Thanks.

-Garwin-

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*Garwin Yip*  
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----- Forwarded message -----

**From:** Maria Rea - NOAA Federal <[maria.rea@noaa.gov](mailto:maria.rea@noaa.gov)>  
**Date:** Fri, Apr 26, 2019 at 3:52 PM

Subject: Re: ROC on LTO, Delta effects section  
To: Garwin Yip - NOAA Federal <[garwin.yip@noaa.gov](mailto:garwin.yip@noaa.gov)>  
Cc: Howard Brown <[Howard.Brown@noaa.gov](mailto:Howard.Brown@noaa.gov)>, Cathy Marcinkevage <[cathy.marcinkevage@noaa.gov](mailto:cathy.marcinkevage@noaa.gov)>, Susan Boring <[susan\\_boring@fws.gov](mailto:susan_boring@fws.gov)>

Garwin et al -

This is certainly a thick section to get through, and a lot of work!

A few overarching comments -

1. I focused on how we characterized and analyzed changes in the PA from COS - - in DCC, OMR flex, and lack of HOR, I:E. I skimmed a lot of other sections.
2. I think you need to find a consistent way in flagging changes from the COS, since they are part of the baseline. Its difficult to know where to do that structurally when whole actions are missing (I:E, HORB, Georgiana)
3. I would elect to bring in more figures and quoted sections from SST 2017 report - - since widely accepted.
4. I would like Barb to review and edit the south delta hydrodynamics piece (in OMR) to make sure it is reflecting current science that she has been discussing on phone with John Watts and others
5. Its challenging to review with the text separated from the figures and data tables, but I was thinking I was going to see more of the recent model outputs that ICF has provided. Has that been included?
6. its not clear what is programmatic versus project specific analysis - - that might help to organize and structure the detail in the section a bit more if time.

Thank you for the opportunity for early review - - good luck!

- Maria

**Maria Rea**

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On Fri, Apr 26, 2019 at 1:28 AM Garwin Yip - NOAA Federal <[garwin.yip@noaa.gov](mailto:garwin.yip@noaa.gov)> wrote:

Maria,

Attached is the Delta section, along with separate files for the figures and tables.

My next priority is to (try to) sleep in, then I will review the revised Clear Creek effects section sometime "tomorrow," but Sarah indicated that it still needs a lot of work.

-Garwin-

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*Garwin Yip*

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