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**From:** Howard Brown - NOAA Federal <howard.brown@noaa.gov>  
**Sent:** Tuesday, April 30, 2019 12:14 PM  
**To:** Garwin Yip; Cathy Marcinkevage; Barbara Byrne; J. Stuart; Evan Sawyer - NOAA Affiliate; Sarah Gallagher - NOAA Federal; Joe Heublein - NOAA Federal; Brian Ellrott; Dan Lawson - NOAA Federal; Kristin McCleery - NOAA Affiliate; Brittany Cunningham - NOAA Affiliate  
**Cc:** Maria Rea  
**Subject:** Fwd: BA Ch.4 Redline  
**Attachments:** Chapter\_4\_BA\_04-30-19\_redline.pdf

Folks,

Attached is a revised chapter 4 of the ROC on LTO BA in track changes. I will place this on the ROC drive, but please take some time to read through this and make any updates to your BiOp sections necessary to make it consistent with this revision. Russ has told me that there should not be any thing substantive that was not already provided to us in the tracking table, so if you do see something substantive, please bring it forward for discussion on the Thursday team check-in.

Howard

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

From: **Callejo, Russell** <[rcallejo@usbr.gov](mailto:rcallejo@usbr.gov)>

Date: Tue, Apr 30, 2019 at 7:42 AM

Subject: BA Ch.4 Redline

To: Howard Brown - NOAA Federal <[howard.brown@noaa.gov](mailto:howard.brown@noaa.gov)>, Jana Affonso <[jana.affonso@fws.gov](mailto:jana.affonso@fws.gov)>

Cc: Janice Pinero <[jpinero@usbr.gov](mailto:jpinero@usbr.gov)>, Benjamin Nelson <[bcnelson@usbr.gov](mailto:bcnelson@usbr.gov)>, Luke Davis <[ldavis@usbr.gov](mailto:ldavis@usbr.gov)>

Good Morning Howard and Jana,

Please find attached the latest redline version of the ROC on LTO biological assessment.

Thanks,  
Russ

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