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**From:** Steve Lindley - NOAA Federal <steve.lindley@noaa.gov>  
**Sent:** Monday, April 15, 2019 3:40 PM  
**To:** Maria Rea  
**Cc:** Rachel Johnson; Cathy Marcinkevage  
**Subject:** My review of the draft ROC LTO Analytical Approach  
**Attachments:** ROCLTOMemorandum.pdf

Hi Maria, per the request from Cathy to Rachel, here is a brief review of the early draft of the analytical approach proposed for the ROC LTO biological opinion. Feel free to follow up with any questions.

Best,  
Steve