From: Cathy Marcinkevage - NOAA Federal <cathy.marcinkevage@noaa.gov>

Sent: Monday, April 15, 2019 8:48 PM

To: howard.brown@noaa.gov; garwin.yip@noaa.gov; barbara.byrne@noaa.gov

Subject: Fwd: My review of the draft ROC LTO Analytical Approach **Attachments:** Untitled attachment 00189.html; ROCLTOMemorandum.pdf

FYI.

Begin forwarded message:

From: Steve Lindley - NOAA Federal < steve.lindley@noaa.gov >

Date: April 15, 2019 at 3:39:26 PM PDT **To:** Maria Rea < maria.rea@noaa.gov >

Cc: Rachel Johnson < rachel.johnson@noaa.gov>, Cathy Marcinkevage

<<u>Cathy.Marcinkevage@noaa.gov</u>>

Subject: My review of the draft ROC LTO Analytical Approach

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