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**From:** Howard Brown - NOAA Federal <howard.brown@noaa.gov>  
**Sent:** Friday, February 15, 2019 1:56 PM  
**To:** paul\_souza@fws.gov; Barry Thom  
**Cc:** Beverly Pies - NOAA Federal; Wanda Cantrell; Maria Rea; Garwin Yip; Cathy Marcinkevage; Dan Castleberry; Jana Affonso; Kaylee Allen  
**Subject:** NMFS Update for Friday Director's call  
**Attachments:** NMFS topics for 2\_15\_19.docx

Barry and Paul,

Here is a pretty high level update on the ROC consultation, focusing mostly on our ongoing review of the BA and an update on where things are with the modeling efforts. Talk to you at 3:30.

Howard

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