From: Barbara Byrne - NOAA Federal <barbara.byrne@noaa.gov>

Sent: Friday, March 1, 2019 3:28 PM

To: Evan Sawyer - NOAA Affiliate; Sarah Gallagher - NOAA Federal questions for helpf from SWFSC (or for Tuesday's meetings?)

What exactly was done in Tier 1, 2, 3, and 4 yeartypes?

What does the side-by-side comparison of the Anderson vs. Martin models look like? Is the Anderson Model "Model II" from the Anderson 2018 paper? On p.2 of Appendix D Attachment 2-6 in the "Anderson Model" section, it suggests that mortality for the Anderson model is only applied on the five days before hatching.

Yet the description of Tier 2 in the PA on p. 4-29 of the BA, which in meetings is referred to as the "Anderson approach", talks about providing optimal temperatures for Days 37-67 – does the modeling of tier 2 apply mortality on every day?

Do all the figures in Appendix D, Attachment 3-8 include a mix of Tiers?

What is the distribution of "# of days at 53.5 days" in Tiers 2 and 3 in all modeled years?

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