From: Garwin Yip - NOAA Federal <garwin.yip@noaa.gov>

**Sent:** Tuesday, May 14, 2019 2:57 PM

**To:** Barbara Byrne - NOAA Federal; Brittany Cunningham - NOAA Affiliate; Sarah Gallagher -

NOAA Federal; J. Stuart - NOAA Federal; Evan Sawyer - NOAA Affiliate; Joe Heublein - NOAA Federal; Brian Ellrott - NOAA Federal; Kristin Begun - NOAA Affiliate; Dan Lawson

- NOAA Federal

Cc: Boring, Susan; Cathy Marcinkevage; Howard Brown - NOAA Federal; Naseem Alston -

**NOAA** Federal

**Subject:** Capturing beneficial effects in the effects and I&S sections

Brian--Good chat.

### Brian and Joe:

- -- Please include (undelete) those rows in the I&S tables that reflect beneficial effects of the various PA components.
- -- Make sure not to combine beneficial and adverse effects in a single row.
- -- The column heading "Severity of Stressor" should be changed to "Severity of Stressor/Level of Benefit," and for beneficial effects, use "Low, Medium, or High." The rest of the column heading should remain the same.
- -- Don't wait for Cathy to update the analytical approach before you do the above. Right now, I think it's more important to capture the beneficial effects than to do this sequentially and make sure each step is tight and right before moving to the next step.

#### Division leads:

-- When Brian and Joe are done with your division, they will let you know to make sure those beneficial effects are captured in your effects tables.

#### Cathy:

-- Placeholder for you to update the analytical approach section to reflect beneficial aspects of PA components, both in the stressor table and text.

## Effects/I&S tables:

-- Look at the effects and I&S tables for words that convey uncertainty, and change them, if possible, to something with more likelihood. For example, if you have to make an assumption in your analysis, characterize the effect based on the assumption you made, even if there is some uncertainty.

-Garwin-

Garwin Yip

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On Tue, May 14, 2019 at 12:22 PM Boring, Susan < susan\_boring@fws.gov > wrote: Hi All -

Just a heads up - As Norma, Brittany, and I are incorporating Endnote citations into your sections, the references we use will be listed as a bibliography at the end of the document. Please just ignore them. You can even put a page break if you like. They are linked to the CVO References Library and should not be edited in individual documents.

If you have a question or concern with anything you see there, please ask me and I will make sure it's addressed by the correct person!

Thanks Susan

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ON DETAIL WITH NOAA FISHERIES THRU 6/17/19

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