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**From:** Joe Heublein - NOAA Federal <joe.heublein@noaa.gov>  
**Sent:** Monday, May 20, 2019 3:20 PM  
**To:** Garwin Yip - NOAA Federal  
**Cc:** Sarah Gallagher; j.stuart@noaa.gov; Evan Sawyer - NOAA Affiliate; Brian Ellrott; Kristin Begun; Brittany Cunningham - NOAA Affiliate; Barbara Byrne; Cathy Marcinkevage; Howard Brown; Susan Boring; Naseem Alston  
**Subject:** Re: "I&S tables"

Hi Team,

The latest GS and SH I&S versions are saved on ROCON as-

2.8 Integration and Synthesis SH V4 srb  
2.8 Integration and Synthesis GS V6 srb

These are ready for Garwin's review now but Susan is finishing up steelhead references (maybe tomorrow) and division leads still need to review I&S tables (leads please send me an email when your review is complete). We may have time for another review from Rosalie after all of that.

Thanks

Joe

On Mon, May 20, 2019 at 2:58 PM Garwin Yip - NOAA Federal <[garwin.yip@noaa.gov](mailto:garwin.yip@noaa.gov)> wrote:

There's been talk about moving the "I&S tables" in the beginning of the I&S sections to the end of the effects sections. There are reasons to move them, and reasons not to move them. I'm going with the latter. Let's keep them in the I&S sections.

Division leads, please take a look at your effects tables and the I&S tables and make sure they are consistent.

I think we talked about this before, but just to make sure, for those programmatic PA components that we said there's not enough detail to analyze, please mention, to the extent that you can, general trends in effects (e.g., likely beneficial, likely negative), and have them reflected in the effects and I&S tables.

Also, for those PA components where you made assumptions, please have those PA components reflected in the effects and I&S tables with the assumptions realized. For example, often times, assumptions are made to replace uncertainties, so if we made an assumption, the effects row should not reflect the uncertainty.

We will be distributing the winter-run I&S section to Reclamation on Wednesday, and the spring-run, steelhead, and green sturgeon I&S sections on Thursday, so hopefully they are tight and right for distribution.

Brian and Joe:

-- I need to track Maria's comments in the winter-run I&S section, and also to make sure transfer over to the other I&S sections where appropriate. Please let me know when they are ready for my review.

-- Rosalie wants to see the revised sections prior to peer review. I understand that sending to Reclamation is not peer review, but if there is enough time for Rosalie's eyes before they go to Reclamation, that'd be great.

-Garwin-

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*Garwin Yip*

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