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**From:** Joe Heublein - NOAA Federal <joe.heublein@noaa.gov>  
**Sent:** Friday, May 31, 2019 4:21 PM  
**To:** Kristin Begun - NOAA Affiliate  
**Cc:** Garwin Yip - NOAA Federal; Brian Ellrott; Naseem Alston; Cathy Marcinkevage; Howard Brown; Barbara Byrne - NOAA Federal  
**Subject:** Re: I&S help

Thanks Kristin,

I added Barb's section on San Joaquin critical habitat, same title- 2.8 Integration and Synthesis SH V6 MASTER

I think this is ready to go other than Rosalie's comments on the table and we'll probably have to skip the hatchery production table for now

-Joe

On Fri, May 31, 2019 at 1:11 PM Kristin Begun - NOAA Affiliate <[kristin.begun@noaa.gov](mailto:kristin.begun@noaa.gov)> wrote:  
Hi Joe,

I added the new table to the SH V6 master doc. In case the formatting gets funky from track changes, the table is also attached in a separate doc.

Kristin

**Kristin Begun | Biologist**

Contractor with Lynker Technologies

Water Operations and Delta Consultations Branch

NOAA Fisheries West Coast Region

[kristin.begun@noaa.gov](mailto:kristin.begun@noaa.gov)

On Fri, May 31, 2019 at 11:10 AM Joe Heublein - NOAA Federal <[joe.heublein@noaa.gov](mailto:joe.heublein@noaa.gov)> wrote:  
All,

I'm mostly finished responding to Maria's and Rosalie's comments on the steelhead I&S- 2.8 Integration and Synthesis SH V6 MASTER

Cathy was going to respond to Rosalie's comments on the Shasta Division in the table (uncertain and NA/none components)

Barb was going to insert text on San Joaquin R critical habitat

I didn't address Maria's comment on page 8- inserting table on steelhead hatchery production. We have a table on hatchery and natural adult returns for the DPS but nothing on hatchery release numbers. Maybe there's something available to cut and paste from the Delta/baseline/status otherwise we may need to do this at a later date.

I still need to generate a complete table (Table 2.8.5-3) for core 1 and 2 populations per Maria's comment on Page 58. Maybe Kristin can do that while we're in the director's meeting.

Thanks

Joe

On Fri, May 31, 2019 at 8:20 AM Joe Heublein - NOAA Federal <[joe.heublein@noaa.gov](mailto:joe.heublein@noaa.gov)> wrote:

Great, I we may need a little help on some of Maria's comments to the Stan/Eastside Division and critical habitat discussion in the Steelhead I&S. I'm going through Barb's latest draft and responding to Maria's comments. If there's anything left I'll email Kristin.

Thanks

On Fri, May 31, 2019 at 8:06 AM Garwin Yip - NOAA Federal <[garwin.yip@noaa.gov](mailto:garwin.yip@noaa.gov)> wrote:

Brian, Joe, and Naseem,

Kristin has some time today so can help with your respective I&S sections.

-Garwin-

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*Garwin Yip*

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