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**From:** Kristin Begun - NOAA Affiliate <kristin.begun@noaa.gov>  
**Sent:** Friday, February 22, 2019 2:40 PM  
**To:** Brittany Cunningham - NOAA Affiliate  
**Subject:** Re: Keep calm and ROC on LTO--Status of the species section

Hi Brittany,

The attached SOS document has been updated with consistent formatting and made 508 compliant, although errors still show up since Track Changes are present. Can you please put this in the CVP ROCON drive? You might have to add a new folder called "SOS."

Thanks!  
Kristin

Kristin Begun, Natural Resource Specialist  
Contractor with Ocean Associates, Inc.  
NOAA Fisheries West Coast Region  
[kristin.begun@noaa.gov](mailto:kristin.begun@noaa.gov)

On Wed, Feb 6, 2019 at 4:02 PM Brittany Cunningham - NOAA Affiliate <[brittany.cunningham@noaa.gov](mailto:brittany.cunningham@noaa.gov)> wrote:  
Hi Kristin,

Feel free to let me know if you need help with anything else on the SOS (writing or downloading / uploading for server).

Brittany

On Thu, Jan 31, 2019 at 1:49 PM Kristin Begun - NOAA Affiliate <[kristin.begun@noaa.gov](mailto:kristin.begun@noaa.gov)> wrote:  
Thanks Brittany,

It looks like that worked! I had tried everything including turning track changes on and off. I will be getting a new laptop from Shawn next week so hopefully won't have any more formatting problems.

As soon as I make sure spacing is consistent throughout the document, I will probably send it back to you to save on the server, since I don't currently have access.

Kristin

Kristin Begun, Natural Resource Specialist  
Contractor with Ocean Associates, Inc.  
NOAA Fisheries West Coast Region  
[kristin.begun@noaa.gov](mailto:kristin.begun@noaa.gov)

On Thu, Jan 31, 2019 at 2:18 PM Brittany Cunningham - NOAA Affiliate <[brittany.cunningham@noaa.gov](mailto:brittany.cunningham@noaa.gov)> wrote:

Hi Kristin,

Here is the file with my parts added. It looks like it copied over properly. I think the problem was that track changes was still turned on in my file, which will mess with the copying.

Let me know if I can do anything else for you,  
Brittany

On Thu, Jan 31, 2019 at 10:48 AM Kristin Begun - NOAA Affiliate <[kristin.begun@noaa.gov](mailto:kristin.begun@noaa.gov)> wrote:  
Hi Brittany,

I am still working from my personal computer which is a Mac, and I cannot figure out how to copy and paste your steelhead and green sturgeon sections into my SOS version without losing your track changes. Can you please open the attached SOS version, remove the steelhead and green sturgeon sections, and paste your sections with track changes?

Kristin Begun, Natural Resource Specialist  
Contractor with Ocean Associates, Inc.  
NOAA Fisheries West Coast Region  
[kristin.begun@noaa.gov](mailto:kristin.begun@noaa.gov)

On Tue, Jan 15, 2019 at 7:48 AM Brittany Cunningham - NOAA Affiliate <[brittany.cunningham@noaa.gov](mailto:brittany.cunningham@noaa.gov)> wrote:

Hi Kristin,

I hope you've been doing well through this shutdown. Here is what I've done on the Sturgeon portion of the SOS (attached). I read through and did edits for grammar and syntax, updated the data on the graph to 2017, made sure all citations were in the bibliography, and updated the acronym section.

I also realized that I mixed up my use of parenthesis and brackets in the steelhead section; that is, when the two were nested together I did [ ( ) ], instead of ( [ ] ). I have fixed that in this file.

Brittany

On Mon, Jan 7, 2019 at 8:05 AM Kristin Begun - NOAA Affiliate <[kristin.begun@noaa.gov](mailto:kristin.begun@noaa.gov)> wrote:  
Okay great, I will let you know.

I hope you had a good weekend,  
Kristin

On Mon, Jan 7, 2019 at 7:03 AM Brittany Cunningham - NOAA Affiliate <[brittany.cunningham@noaa.gov](mailto:brittany.cunningham@noaa.gov)> wrote:

H Kristin,

For the graphs I re-graphed the data (1975-present). I wasn't able to find an old graph to work off of.

And I am just getting to the end of the last thing I was working on, so I would be happy to start on the green sturgeon section. Let me know if there is some aspect in particular you'd like me to focus on.

Brittany

On Fri, Jan 4, 2019 at 12:55 PM Kristin Begun - NOAA Affiliate <[kristin.begun@noaa.gov](mailto:kristin.begun@noaa.gov)> wrote:  
Hi Brittany,

Nice work! Thanks so much for updating this section. For Figure B-12, your CPUE graph looks similar until around 2007. Did you re-graph data from 1975 to present or were you able to work off an old graph and add recent years? I would stick with what you've got since it sounds like you graphed CPUE correctly.

Not knowing how long the government shutdown will continue, let me know if you need something else to work on. I haven't done the green sturgeon section yet, so we could possibly tag team this. But only if you're done with other projects and want/need more work.

Thanks again,  
Kristin

Kristin Begun, Natural Resource Specialist  
Contractor with Ocean Associates, Inc.  
NOAA Fisheries West Coast Region  
[kristin.begun@noaa.gov](mailto:kristin.begun@noaa.gov)

On Fri, Jan 4, 2019 at 11:33 AM Brittany Cunningham - NOAA Affiliate  
<[brittany.cunningham@noaa.gov](mailto:brittany.cunningham@noaa.gov)> wrote:  
Hi Kristin,

Attached is the file I've been working on for the Steelhead SOS. I was able to update all graphs to 2017.

There is only one thing I had a problem with. I had trouble recreating the last graph of **Figure B-12**. I used the Chipps Island Trawl Data downloaded from USFW Lodi website. With this data the first two graphs for total catch and % ad clipped matched the previously made graphs. But I could not get my values to match the CPUE graph, you can see what I graphed. My CPUE is reported in fish per million cubic meters, which is what I believe the older graph uses too.

Let me know if you want anything altered or have any questions.

Brittany

On Mon, Dec 31, 2018 at 11:24 AM Kristin Begun - NOAA Affiliate <[kristin.begun@noaa.gov](mailto:kristin.begun@noaa.gov)> wrote:

Right on. I'm glad Duane is getting you updated data. Yes, that should be all that needs to be changed. Thanks again for working on this.

Happy New Years Eve!  
Kristin

Kristin Begun, Natural Resource Specialist

Contractor with Ocean Associates, Inc.  
NOAA Fisheries West Coast Region  
[kristin.begun@noaa.gov](mailto:kristin.begun@noaa.gov)

On Wed, Dec 26, 2018 at 11:20 AM Brittany Cunningham - NOAA Affiliate  
<[brittany.cunningham@noaa.gov](mailto:brittany.cunningham@noaa.gov)> wrote:

Hi Kristin,

Yes, I will be working and plan to work on that. I'm finishing up something else today, but then I'll be able to work on it.

I haven't made any big text changes, just any grammar or syntax stuff I saw, and then updated figures. This is what you had in mind, correct? CDFW's Duane Lindander is working to get me steelhead return data from the hatcheries and that's really the last big thing I am working on for it.

On Wed, Dec 26, 2018 at 11:05 AM Kristin Begun - NOAA Affiliate <[kristin.begun@noaa.gov](mailto:kristin.begun@noaa.gov)>  
wrote:

Hi Brittany, it sounds like you are continuing to work during the shutdown? I will be too. I'm hoping to finish the SOS sections. Is that something you plan to work on too?

On Thu, Dec 20, 2018 at 4:57 PM Brittany Cunningham - NOAA Affiliate  
<[brittany.cunningham@noaa.gov](mailto:brittany.cunningham@noaa.gov)> wrote:

No problem! Thanks, I will try those people.

Brittany

On Thu, Dec 20, 2018 at 2:21 PM Kristin Begun - NOAA Affiliate <[kristin.begun@noaa.gov](mailto:kristin.begun@noaa.gov)>  
wrote:

Hi Brittany,

Sorry I didn't see your email from yesterday. I was unable to access my computer because of CAC card issues. I don't have current steelhead return data, but you can ask someone from CDFW or USFWS. Here's is Duane Lindander's email: [duane.linander@wildlife.ca.gov](mailto:duane.linander@wildlife.ca.gov) and Kevin Niemela: [kevin\\_niemela@fws.gov](mailto:kevin_niemela@fws.gov)

Kristin

Kristin Begun, Natural Resource Specialist  
Contractor with Ocean Associates, Inc.  
NOAA Fisheries West Coast Region  
[kristin.begun@noaa.gov](mailto:kristin.begun@noaa.gov)

On Wed, Dec 19, 2018 at 9:07 AM Brittany Cunningham - NOAA Affiliate  
<[brittany.cunningham@noaa.gov](mailto:brittany.cunningham@noaa.gov)> wrote:

Hi Kristin,

I have been able to update most of the steelhead figures up to 2017, but I haven't been able to get updated data for Figures B-8: Steelhead Returns to Coleman National Fish Hatchery, or B-11: Steelhead returns to the Feather River Fish Hatchery.

Do you have any recommendations for contacts who might have this data?

Thanks,  
Brittany

On Thu, Dec 6, 2018 at 3:56 PM Kristin Begun - NOAA Affiliate <[kristin.begun@noaa.gov](mailto:kristin.begun@noaa.gov)> wrote:

Yes, good catch. Let me know if you get hung up on anything.

On Thu, Dec 6, 2018 at 3:41 PM Brittany Cunningham - NOAA Affiliate <[brittany.cunningham@noaa.gov](mailto:brittany.cunningham@noaa.gov)> wrote:

I think I understand. Also, I just noticed that two figures under the steelhead section are marked B-12. So in changing the numbering, obviously, it will change the numbering of the figures below this for green sturgeon.

On Thu, Dec 6, 2018 at 2:47 PM Kristin Begun - NOAA Affiliate <[kristin.begun@noaa.gov](mailto:kristin.begun@noaa.gov)> wrote:

I'm finding that problem too. Wherever possible, let's try to update the numbers/graphs/tables if we can locate the source. We don't need to update everything, just what seems relevant. This was just updated 2 years ago, so is pretty current.

Let me know if this task is unclear and we can chat.  
Kristin

On Thu, Dec 6, 2018 at 2:21 PM Brittany Cunningham - NOAA Affiliate <[brittany.cunningham@noaa.gov](mailto:brittany.cunningham@noaa.gov)> wrote:

Just to clarify, in checking the up-to-date-ness of "any data mentioned" do you mean broadly, for example any time a number is cited, or for figures, or something else. It seems like most of the figures in this section don't cite exactly where their data came from.

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**Brittany Cunningham**  
Natural Resource Specialist

Contractor with Lynker Technologies  
NOAA Fisheries West Coast Region  
[650 Capitol Mall, Suite 5-100](#)  
[Sacramento, CA 95814](#)  
Office: (916) 930-3606  
[brittany.cunningham@noaa.gov](mailto:brittany.cunningham@noaa.gov)

--

**Brittany Cunningham**  
Natural Resource Specialist

Contractor with Lynker Technologies  
NOAA Fisheries West Coast Region  
[650 Capitol Mall, Suite 5-100](#)  
[Sacramento, CA 95814](#)  
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[kristin.begun@noaa.gov](mailto:kristin.begun@noaa.gov)

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--

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