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**From:** Cathy Marcinkevage - NOAA Federal <cathy.marcinkevage@noaa.gov>  
**Sent:** Thursday, March 14, 2019 10:29 AM  
**To:** Steve Zeug  
**Cc:** Harrison, Katrina; Stuart, Jeffrey S; Barbara Byrne - NOAA Federal; Garwin Yip - NOAA Federal; Ellis, Gregg  
**Subject:** Re: Density and Proportion Overlap Data

Thanks, Steve! I got it all!

On Wed, Mar 13, 2019 at 2:30 PM Steve Zeug <[stevez@fishsciences.net](mailto:stevez@fishsciences.net)> wrote:

Hi Cathy-

I uploaded a Word Doc to Google Drive with a description of the figures and a description of the methodology that I took from the Water Fix BA. We used the same model code that we did for Water Fix, we only changed the hydro input for this effort. Let me know if I can provide anything else.

Steve

**From:** Cathy Marcinkevage - NOAA Federal [mailto:[cathy.marcinkevage@noaa.gov](mailto:cathy.marcinkevage@noaa.gov)]  
**Sent:** Wednesday, March 13, 2019 1:23 PM  
**To:** Steve Zeug  
**Cc:** Harrison, Katrina; Stuart, Jeffrey S; Barbara Byrne - NOAA Federal; Garwin Yip - NOAA Federal; Ellis, Gregg  
**Subject:** Re: Density and Proportion Overlap Data

Hi Steve --

I got the files, thanks for getting them up to that accessible location!

Can you provide a brief explanation of the two sets of figures -- something akin to a generic table caption? And can you point us to any previous description of this analysis/method?

This is helpful for us to have in our record as an explanation of the approach.

Thanks!

Cathy

On Wed, Mar 13, 2019 at 11:06 AM Steve Zeug <[stevez@fishsciences.net](mailto:stevez@fishsciences.net)> wrote:

Hi All-

I uploaded the salvage and routing figures to the Google Drive site. Let me know if there is anything else that would be useful.

Steve

**From:** Cathy Marcinkevage - NOAA Federal [mailto:[cathy.marcinkevage@noaa.gov](mailto:cathy.marcinkevage@noaa.gov)]

**Sent:** Friday, March 01, 2019 2:46 PM

**To:** Harrison, Katrina

**Cc:** Stuart, Jeffrey S; Barbara Byrne - NOAA Federal; Garwin Yip - NOAA Federal; Steve Zeug; Ellis, Gregg

**Subject:** Re: Density and Proportion Overlap Data

Hey guys -

I'm going to channel our IT folks in stating that I'm not supposed to be accessing cloud storage from a government machine.

Sorry....

So....I've created a google drive and shared it with you all. Can you upload to there? This worked well with Jacobs last week so we should be okay.

Here's the link:

<https://drive.google.com/drive/folders/1b0r4I4SJGB6BvZ2IPjH0GGapgsROk7hp?usp=sharing>

Thanks!

Cathy

On Fri, Mar 1, 2019 at 2:33 PM Harrison, Katrina <[kharrison@usbr.gov](mailto:kharrison@usbr.gov)> wrote:

Hi all -

At the dropbox below are the % overlap map numbers. Steve, can you please make sure all the folks on this email can access these files? I'm having trouble downloading.

Thanks,

Katrina

----- Forwarded message -----

From: **Ellis, Gregg** <[Gregg.Ellis@icf.com](mailto:Gregg.Ellis@icf.com)>

Date: Fri, Mar 1, 2019 at 2:20 PM

Subject: [EXTERNAL] FW: Data for NMFS

To: Harrison, Katrina <[kharrison@usbr.gov](mailto:kharrison@usbr.gov)>

Cc: Steve Zeug <[stevez@fishsciences.net](mailto:stevez@fishsciences.net)>, Greenwood, Marin <[Marin.Greenwood@icf.com](mailto:Marin.Greenwood@icf.com)>

Steve, thank you for providing!

Katrina, Steve provides a dropbox link below to the info requested by NMFS at the meeting earlier this week. Please distribute as you see fit, and let me know if another way of transmitting the data is needed. Also, let Steve and I know if there are questions.

Thanks, Gregg

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**From:** Steve Zeug [mailto:[stevez@fishsciences.net](mailto:stevez@fishsciences.net)]

**Sent:** Friday, March 1, 2019 1:38 PM

**To:** Ellis, Gregg <[Gregg.Ellis@icf.com](mailto:Gregg.Ellis@icf.com)>

**Subject:** Data for NMFS

Hi Gregg-

Below is a drop box link to the additional plots NMFS requested and the data underlying the density plots and the proportion overlap maps. Let me know if anyone has questions. Thanks.

<https://www.dropbox.com/sh/vpahvrd3d01xzc/AAC8npW5HkanWgt9ReVWyjzua?dl=0>

**Steven Zeug, Ph.D., Senior Scientist**

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