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**From:** Garwin Yip - NOAA Federal <garwin.yip@noaa.gov>  
**Sent:** Wednesday, July 25, 2018 9:43 AM  
**To:** Cathy Marcinkevage  
**Subject:** Fwd: NMFS Alternatives to I:E ratio  
**Attachments:** Untitled attachment 01818.html; 2018-07-19 I-E ratio alternatives.docx

Sent from my iPhone

Begin forwarded message:

**From:** Maria Rea - NOAA Federal <[maria.rea@noaa.gov](mailto:maria.rea@noaa.gov)>  
**Date:** July 19, 2018 at 1:04:35 PM PDT  
**To:** Federico Barajas <[fbarajas@usbr.gov](mailto:fbarajas@usbr.gov)>, David Mooney <[dmooney@usbr.gov](mailto:dmooney@usbr.gov)>  
**Cc:** Garwin Yip <[garwin.yip@noaa.gov](mailto:garwin.yip@noaa.gov)>, Howard Brown <[Howard.Brown@noaa.gov](mailto:Howard.Brown@noaa.gov)>  
**Subject: NMFS Alternatives to I:E ratio**

Federico and Dave -

I am attaching a document intended as technical assistance, for your consideration on how you are approach the San Joaquin I:E ratio. I'm happy to talk about it on the Directors call, if useful.

By way of this email, I also want to introduce Howard Brown to you, who is an experienced supervisor pursuing a detail as a senior policy advisor. He will be helping me and Garwin re: communications at Directors level and above. He can help to prepare briefing papers that we want to tee up to Directors on the Friday calls, etc.

On the Directors call last Friday Dave: you had the lead to work to set up a half day in person meeting to walk through content of near-term consultation on issues where we don't have agreement. Did you have a date and process in mind? I am hoping that after reviewing our comments and the phone all last Friday, you may be agreeable to drop any changes from near-term project description except I:E ratio and WIIN storm flex. I believe that focusing on those two pieces will be plenty, if we are to meet the ambitious schedule for the near-term consultation.

Hope this is helpful,  
- Maria

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12. Download image named as `apple.jpg` from <http://www.freesvg.org>, convert it into `apple.ppm` and then find the pixels to be white and black.

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