From:	Dan Lawson - NOAA Federal <dan.lawson@noaa.gov></dan.lawson@noaa.gov>
Sent:	Monday, February 11, 2019 9:18 AM
То:	Barbara Byrne - NOAA Federal
Cc:	Howard.Brown; Garwin Yip - NOAA Federal; Cathy Marcinkevage; Naman, Seth; Justin Ly - NOAA Federal
Subject:	Re: Fall-run Chinook salmon info for SRKW analysis

We are snowed out of the office (I'm in Seattle) - teleworking today and likely much of this week. 910-264-6963.

I think the point I want to make up front is I'm going to need help from salmon biologists to tell me what assumptions/models should be used. I do not know. Presumably they would be consistent with what is being done for analysis of the various ESA-listed Chinook units?

Dan

On Mon, Feb 11, 2019 at 9:03 AM Barbara Byrne - NOAA Federal <<u>barbara.byrne@noaa.gov</u>> wrote: Dan, thanks for flagging that concern -- good for us to be aware of the bigger/more fundamental problems early. Definitely a deficiency to note for our sufficiency review. I'll try to give you a call later, am curious if you have thoughts about assumptions you would make/models you would want run to "fill in that gap" in the SRKW analysis.

Barb

On Mon, Feb 11, 2019 at 8:12 AM Dan Lawson - NOAA Federal <<u>dan.lawson@noaa.gov</u>> wrote: Thank you Barb

This brings up perhaps the most central question I have regarding the killer whale consultation. The BA does not contain any assessment of the magnitude of adverse and beneficial effects that may occur with Fall run Chinook (and other Chinook stocks?). So my question is how will I obtain this information? Appreciating that I can turn to Seth/Justin in the Trinity, who will be working on that for the Central Valley?

Dan

On Fri, Feb 8, 2019 at 4:19 PM Barbara Byrne - NOAA Federal <<u>barbara.byrne@noaa.gov</u>> wrote: Dan -- Greetings and so glad to have you on the ROConLTO team! Howard asked me to make sure you have access to CDFW's Grandtab information. As you are probably already aware, a link to GrandTab and also to some Klamath/Trinity info is available at: <u>https://www.wildlife.ca.gov/Conservation/Fishes/Chinook-Salmon/Anadromous-Assessment</u>

For an Excel version of GrandTab, you should contact Jason Azat (CDFW) at jason.azat@wildlife.ca.gov or 916-204-7898.

Seth Naman mentioned in his sufficiency review the need for "SSS Chinook population modeling" for the Trinty and lower Klamath. I'm not familiar with that model so please follow up directly with Seth or Justin for possible sources of that info.

Barb

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