From: Barbara Byrne - NOAA Federal <barbara.byrne@noaa.gov>
Sent: Thursday, May 16, 2019 5:03 PM
To: Naseem Alston - NOAA Federal
Cc: Brian Ellrott; Cathy Marcinkevage; Joe Heublein - NOAA Federal
Subject: Re: CHN-SRKW-Restoration-SIT model

I talked to John Hannon about the difference between escapement estimates and in-the-ocean; he calculates the in-the-ocean assuming a 55% harvest rate; so e.g. 0.55x=840 results in x=1,527. The right-most column in the top restoration table should read "annual increase in escapement", not "New fish in ocean annually".

On Thu, May 16, 2019 at 4:55 PM Naseem Alston - NOAA Federal <naseem.alston@noaa.gov> wrote:

> Hi Brian,
>
> I hear you are our resident CVPIA SIT model expert.
> Question came up after the call ended today -
> the data that Dan is using from John Hannon includes restoration acres which results in 1acre:56 adult returns (from SIT):
> over 8,000 more in escapement #s, and over 15,000 more in ocean abundance #s
>
> (see attached excerpt)
>
> Question for you: what do others/we think of the model input (1:56)?
> Did others generally agree, is there alternative science?
>
> Other issue is he includes the acres for Sac and American rivers, which I feel we describe as analyzed in the baseline (benefit at the frame-work level only), so it would just leave the Stan...
>
> Naseem O. Alston
> ESA-Section 7 Coordinator/Fish Biologist
> NOAA Fisheries West Coast Region
> U.S. Department of Commerce
> California Central Valley Office
> Sacramento, CA
> (916)930-3655
> http://www.westcoast.fisheries.noaa.gov/

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Barb Byrne
Fish Biologist
NOAA Fisheries West Coast Region

U.S. Department of Commerce
Office: 916-930-5612
barbara.byrne@noaa.gov
California Central Valley Office
650 Capitol Mall, Suite 5-100
Sacramento, CA 95814

Find us online
www.westcoast.fisheries.noaa.gov