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**From:** Cathy Marcinkevage - NOAA Federal <cathy.marcinkevage@noaa.gov>  
**Sent:** Tuesday, May 21, 2019 11:15 AM  
**To:** Dan Lawson - NOAA Federal  
**Cc:** Barbara Byrne; Howard Brown - NOAA Federal; Garwin Yip  
**Subject:** Re: thoughts on metrics?

Dan --

We are working on draft performance metrics for Shasta. Like, currently, at this moment. For a taste, here's the previous set of info that we talked about internally yesterday afternoon, but will be revised into something a bit different hopefully later today.

Cathy

On Tue, May 21, 2019 at 10:59 AM Dan Lawson - NOAA Federal <[dan.lawson@noaa.gov](mailto:dan.lawson@noaa.gov)> wrote:  
Following up on what I heard at the very end of the call regarding SRKW yesterday:

Although the median reduction attributed to changes in Chinook productivity in upstream areas under the PA was smaller than changes in the Delta using the models, it would be helpful to see something upstream for Chinook that would limit those effects similar to any measures/metrics being discussed in the Delta to help SRKWs.

Standing by.

Dan

On Mon, May 20, 2019 at 12:22 PM Dan Lawson - NOAA Federal <[dan.lawson@noaa.gov](mailto:dan.lawson@noaa.gov)> wrote:  
Listening and tracking conversation today:

With regard to performance metrics (e.g., salvage), how about tracking fall run as well as proxy for effects to killer whales?

And if YOY fall and spring run are indistinguishable - can we just track both together as one unit?

Dan

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