From:	Barbara Byrne - NOAA Federal <barbara.byrne@noaa.gov></barbara.byrne@noaa.gov>
Sent:	Monday, May 13, 2019 10:52 AM
То:	Mooney, David; Israel, Joshua A; Michael Beakes
Cc:	Howard.Brown; Garwin Yip - NOAA Federal; Cathy Marcinkevage
Subject:	Some materials to inspire/support discussion at "Delta salvage measures" meeting this afternoon
Attachments:	2019.01.16_Alternative NMFS WIIN Act criterion based on cumulative loss_DRAFT.docx; 2019.01.16_Cumulative seasonal loss on biweekly basis approach.xlsx

Dave, Josh, and Mike -- Attached are some materials drafted during the furlough when we were working out WIIN Act criteria. I heard on Friday that Reclamation's preference is for a more seasonal, rather than "metered", approach to managing loss, but wanted to share some specifics on a potential approach for "metering" loss throughout the season (specific to winter-run Chinook).

Also attached is an Excel spreadsheet that summarizes the observed winter-run loss 2010-2018. I think that having some specific loss numbers can help us as we discuss a workable approach for the ROC as it offers a way to discuss some specific thresholds rather than just an abstract approach.

Caveat: The attached focuses on winter-run loss in the January-March likely OMR storm flex period; any method for ROC would likely need to start in October and run through June and consider other listed species.

--

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

