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**From:** Barbara Byrne - NOAA Federal <barbara.byrne@noaa.gov>  
**Sent:** Sunday, May 5, 2019 10:00 PM  
**To:** Howard.Brown; Garwin Yip - NOAA Federal; Cathy Marcinkevage; Joe Heublein - NOAA Federal; Dan Lawson - NOAA Federal  
**Cc:** Evan Sawyer - NOAA Affiliate; J. Stuart  
**Subject:** BYRNE revisions to presentation

My revisions saved on ROCON in a new file with "BBSun" at the end of the filename. Since couldn't show track changes, summarized changes below. Slide numbers refer to CURRENT numbering -- deleted a DCC slide so later numbers have changed.

**Slide 3:** Changed "South Delta" to "Interior Delta". Corrected historical/modeling %ages (4% to 5%; a few attributions were swapped...)

**Slide 4:** In slide, updated numbers based on adjusted loss & Joe's pop-level approach. In notes, caveated DCC effect (and would suggest deleting it overall)

**Slide 5:** In slide, (a) corrected %change numbers, (b) updated numbers based on refinement of Joe's pop-level approach (On Sunday, he sent over some refined pop estimates -- same general approach, just less rounding), (c) Rephrased HORB bullet in terms of lower survival under PA condition of no HORB (and include full range of differential survival over low-to-high flows). In notes, caveated DCC effect.

**Slide 6:** Added spawning area figure from GS Recovery Plan (open to other graphic; think this is the one suggested by Joe but might have misunderstood)

**Slide 8:** Corrected historical/modeling %ages (4% to 5%; a few attributions were swapped...)

**Slide 9:** Added caveat that Tier 1 less frequent based on historical May 1 storages -- animated it as a transition into next slide.

**Slide 13:** Generalized into "Delta routing" slide, with both DCC and HOR (deleted DCC-specific slide with WR exposure; moved into optional background slides)

**Slide 15:** (a) Updated pop-level estimates. (b) Took out "routing" from the Response item since routing more of a far-field effect. (c) revised "areas of concern" bullets. I no longer say "no south Delta steelhead protections" because there are some in the PA, just not as protective as the RPA.

**Slides 16-18:** Revised slides with adjusted SR (Slide 16) and pop-level context (Slides 17 and 18) from Joe.

**Slide 21 (Delta uncertainties):** Changed first bullet -- let's discuss on Monday to be sure I understand what the uncertainty is.

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