From: Rosalie del Rosario - NOAA Federal <rosalie.delrosario@noaa.gov>

Sent: Monday, April 8, 2019 4:00 PM **To:** Joe Heublein - NOAA Federal

Cc: Brian Ellrott; Howard Brown; Yip', 'Garwin; Cathy Marcinkevage

Subject: Re: recovery in integration and synthesis

Attachments: 2018_12-10_FreemanTidewater_WCR-2018-9888_WCR-2018-10202 (1).pdf

Hi Joe,

Good topic and I think a brief call can be effective. I don't have a template to offer, but attached is an example biop that was shared with me that addresses recovery more explicitly (see highlights). Keep the context in mind. It's for a simpler project than ROConLTO but nevertheless helpful. I also provided comments on the draft analytical approach re: analyzing likelihood of recovery under the jeopardy standard. I recommend the analysis for each species speak directly to the recovery criteria identified in the recovery plan. McElhany's VSP is for population-specific and the recovery criteria describe what the species needs to be recovered. Again, probably best to have a brief call. My calendar is updated.

Thanks, Rosalie

On Mon, Apr 8, 2019 at 9:38 AM Joe Heublein - NOAA Federal <<u>joe.heublein@noaa.gov</u>> wrote: Hi Rosalie,

Naseem shared these thoughts on discussion of recovery criteria in integration and synthesis. Brian and I would like to have a brief call on how to incorporate a discussion of recovery criteria into the ROC LTO BO integration and synthesis section and check if you have any recent example paragraphs or templates on discussion of recovery criteria in I&S we can use. Our I&S section is due this Friday so if you can send any recent examples or templates in advance of our call that would be great.

Thanks

Joe

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