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**From:** Rosalie del Rosario - NOAA Federal <rosalie.delrosario@noaa.gov>  
**Sent:** Monday, April 8, 2019 3:59 PM  
**To:** Joe Heublein - NOAA Federal  
**Cc:** Brian Ellrott; Howard Brown; Yip', 'Garwin; Cathy Marcinkevage  
**Subject:** Re: recovery in integration and synthesis

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 <[joe.heublein@noaa.gov](mailto:joe.heublein@noaa.gov)> 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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