

From: [Chris Servheen](#)
To: ["Frank T van Manen"](#)
Cc: [Mark Haroldson](#); [Rebecca Shoemaker](#)
Subject: RE: revisions to the CS and the recovery plan from the workshop outputs
Date: Tuesday, June 26, 2012 2:28:30 PM

**Frank and Mark,
Sounds like a good plan to us.
c**

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"If there are no dogs in heaven, then when I die I want to go where they went." - Will Rogers

From: Frank T van Manen [<mailto:fvanmanen@usgs.gov>]
Sent: Monday, June 25, 2012 5:03 PM
To: Chris Servheen
Cc: Mark Haroldson; Rebecca Shoemaker
Subject: Re: revisions to the CS and the recovery plan from the workshop outputs

Chris,

Mark and I had a conference call with Rich earlier today. All 3 changes are indeed documented in that report, including methods and justifications. However, the section on the new mark-resight estimator is not complete because we are still working on how to define the survey areas for the moth sites; we decided this should not hold up IGBST review so we will put a placeholder in the report. I should get the latest draft of the report from Rich by the end of this week and will forward it to study team members and external reviewers for **final** comments with a 2-week deadline; I don't expect major issues as comments from external reviewers have already been incorporated. While the report is being reviewed by study team members, we will address and finalize the moth site sampling issues.

Best,

Frank

Frank T. van Manen, Ph.D.
Interagency Grizzly Bear Study Team

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From: Chris Servheen <chris.servheen@cfc.umt.edu>
To: 'Frank T van Manen' <franmanen@usgs.gov>, Mark Haroldson <mharoldson@usgs.gov>
Cc: Rebecca Shoemaker <rebecca.shoemaker@cfc.umt.edu>
Date: 06/25/2012 10:08 AM
Subject: revisions to the CS and the recovery plan from the workshop outputs

Frank and Mark,

Now that the workshop report is nearing completion, we need to move forward on producing supplements to both the CS demographic chapter and the recovery plan Yellowstone demographic criteria. There were 3 changes we were going to make: 1) revise the area where mortality limits would apply; 2) propose the use of a new method to estimate total population size; and 3) change the mortality limits as a result of the new vital rate data analysis.

To accomplish this, we need to publish a notice of availability (NOA) of: 1) the 3 changes we propose to make to the demographic sections of both documents; and 2) the scientific justification for these changes, which we assume are all covered in the workshop report that Rich is working on. I also assume the methodology of the smoothing of the mortality boundary line is also in the workshop report. We will take public comments for 30 days, then produce any necessary responses to the comments and finalize the changes as appropriate.

So, where is the workshop report at this time? Does it contain all the scientific justification for these 3 changes? The last time we did this, we published a NOA for the "Reassessing Methods Report", which was also the product of a series of workshops. How are we with the details on the changes in the mortality limits? As I recall, when we last met the justification for these changes were going to be in the final workshop report.

Once you have the final workshop report out and it contains the scientific justification for these 3 changes, we will circulate to all IGBST members the proposed changes and the plan of action to move this forward.

Thanks,
Chris

[Christopher Servheen, Ph.D.](#)

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