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**From:** Garwin Yip - NOAA Federal <garwin.yip@noaa.gov>  
**Sent:** Friday, July 21, 2017 12:46 PM  
**To:** Benjamin Martin - NOAA Affiliate  
**Cc:** Eric Danner  
**Subject:** Fwd: Tools for Shasta RPA Adjustment

Response, please.

-Garwin-

*Garwin Yip*

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----- Forwarded message -----

**From:** David Mooney <[dmmooney@usbr.gov](mailto:dmmooney@usbr.gov)>  
**Date:** Tue, Jul 18, 2017 at 3:34 PM  
**Subject:** Tools for Shasta RPA Adjustment  
**To:** "Yip, Garwin" <[garwin.yip@noaa.gov](mailto:garwin.yip@noaa.gov)>

Garwin,

Does NMFS have a spreadsheet tool or anything simple for the Ben Martin model? One of Maria's questions to me was to connect the linkage to survival. Brycen's exploration of historical conditions is helpful. I think we can maybe also run a number of survival simulations from the ops data to better understand effects too.

Thanks.

Dave

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