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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-

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*Garwin Yip*

Water Operations and Delta Consultations Branch Chief  
NOAA Fisheries West Coast Region  
U.S. Department of Commerce  
California Central Valley Office  
650 Capitol Mall, Suite 5-100  
Sacramento, CA 95814  
Office: 916-930-3611  
Cell: 916-716-6558  
FAX: 916-930-3629  
[www.westcoast.fisheries.noaa.gov](http://www.westcoast.fisheries.noaa.gov)



----- 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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David Mooney, Ph.D., P.E.  
Deputy Manager  
Bay-Delta Area Office  
Mid-Pacific Region, U.S. Bureau of Reclamation  
801 I Street, Suite 140 (BDO-100)

Sacramento, CA 95814  
[dmmooney@usbr.gov](mailto:dmmooney@usbr.gov)  
[\(916\) 414-2403](tel:(916)414-2403) (Office)  
[\(916\) 200-9214](tel:(916)200-9214) (Mobile)