Things I want from Russ:

1. 2008 dry, 2011 wet, 2012 critical/dry include all the data into the analysis of route selection, at least two years? Two glms, run the whole dataset and make one glm how long it take?

Status of the data sets, add a location variable to the regression?

1. Survival model, can be used for all year type?
2. Swimming, individual travel time, will be possible to do the reach by reach at least for release locations to receive locations.

From location a to location b, distance is x, cannot separate from flow! Why we need to use PTM model?!

V = vf +vs = (tf+ts)/s=t/s

t-tf = ts ~ parameterized channel geo (width:depth, shallowness), flow(weight average over the channel), light condition

1. 2008 data has sts. All over north delta. If you want to develop a general GLM a. we need to add a location variable b. we ened to collect flow data for the stations and do we have particle positions from all stations?
2. Will it be better to develp GLM to different locations
3. How to reconcile three equations 2008, 2011. 2012, 2008 fish positions?
4. Survival model paper?
5. Did you do the route selection more than GS and DCC, how you count for locations?
6. The survival model is for individual fish?
7. Do 2008 separately or add to 2014
8. Not include offset 37.5
9. Important to have three junctions ss, gs, dcc right, data for ss, gs, dcc for all three years
10. 2007 and 2008 tag data in Perry’s dissertation. 2008 is the same as DWR’s data? In the dissertation it says USWFS
11. Cross validation
12. Release location is different, from fish biology point of view if (distance predation, etc.) will be significantly affect model selection?
13. is t the travel time since fish is released?
14. The model includes south delta? If a salmon gets to south delta channels, the instantaneous mortality rate is the same as interior delta?
15. does fish release location matter?