



Martin Dorn - NOAA Federal <martin.dorn@noaa.gov>

Re: Request to Gulf of Alaska lead assessment authors: proj input and output files for 2021 Tier 3 assessment

1 message

Steve Barbeaux - NOAA Federal <steve.barbeaux@noaa.gov>
To: Martin Dorn - NOAA Federal <martin.dorn@noaa.gov>

Thu, Feb 3, 2022 at 10:49 AM

Hey Martin,

That among other reasons. Putting the M block in Proj was a bit of a kluge and SS made it easier, as well as the projection being an integral part of the model allowing for all the modeled uncertainty to be projected as well.

Dead_Catch_B40% = 72056.3 Stdev= 7342.44

Dead_Catch_B35% = 77532.8 Stdev= 7972.7

On Thu, Feb 3, 2022 at 10:31 AM Martin Dorn - NOAA Federal <martin.dorn@noaa.gov> wrote:

Hi Steve-

I think SS should be able to spit out the equilibrium catch associated with B35%. You assume steepness=1, so it would be consistent with North Pacific definitions. You could just provide that value. I wouldn't worry about generating the proj input files if they weren't used in the assessment. Presumably you used SS because you couldn't replicate the details of the assessment in proj?

Martin

On Thu, Feb 3, 2022 at 10:20 AM Steve Barbeaux - NOAA Federal <steve.barbeaux@noaa.gov> wrote:

Hey Martin,

I did not use or produce proj files in 2021. I used the projection from Stock Synthesis. Is there something from SS that I can provide you? I could probably go back and build these files for you, but they won't be what we used for management.

-Steve

On Thu, Feb 3, 2022 at 10:12 AM Martin Dorn - NOAA Federal <martin.dorn@noaa.gov> wrote:

Hi All-

The purpose of this request is, firstly, to obtain model output to re-estimate the groundfish OY in the GOA using current assessment information, and secondly, to create an archive of proj input files for further analyses. This effort is a part of the GOA-CLIM project to evaluate impacts of climate change on Gulf of Alaska marine resources. Please provide the following files from the 2021 Tier 3 full or partial assessment for your assigned stock: 1) proj input files from the data directory: ***_spscat.dat**, and ***.prj** and 2) the file **percentdb.out** in the output directory. The statistic Cofl from percentdb.out is the equilibrium catch at B35%, and will be considered a MSY proxy for the stock. This request should take no more than 10 minutes of your time, and if possible please try to provide these files by Feb 10, a week from today.

GOA Tier 3 stocks and lead stock assessment authors are as follows:

Pollock	Cole Monnahan
Pacific cod	Steven Barbeaux
Sablefish	Daniel Goethel
Northern and southern rock sole	Meaghan Bryan
Dover sole	Carey McGilliard
Rex sole	Carey McGilliard
Arrowtooth flounder	Kalei Shotwell
Flathead sole	Maia Kapur
Pacific ocean perch	Pete Hulson
Northern rockfish	Ben Williams
Rougheye & blackspotted rockfish	Jane Sullivan

Dusky rockfish

Ben Williams

Please contact me if you have any questions, and thanks for helping on this.
Martin

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Martin Dorn

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