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2021 Partial Update for GOA Flathead Sole Feedback on assessment plan



Maia Sosa Kapur

maia.kapur@noaa.gov

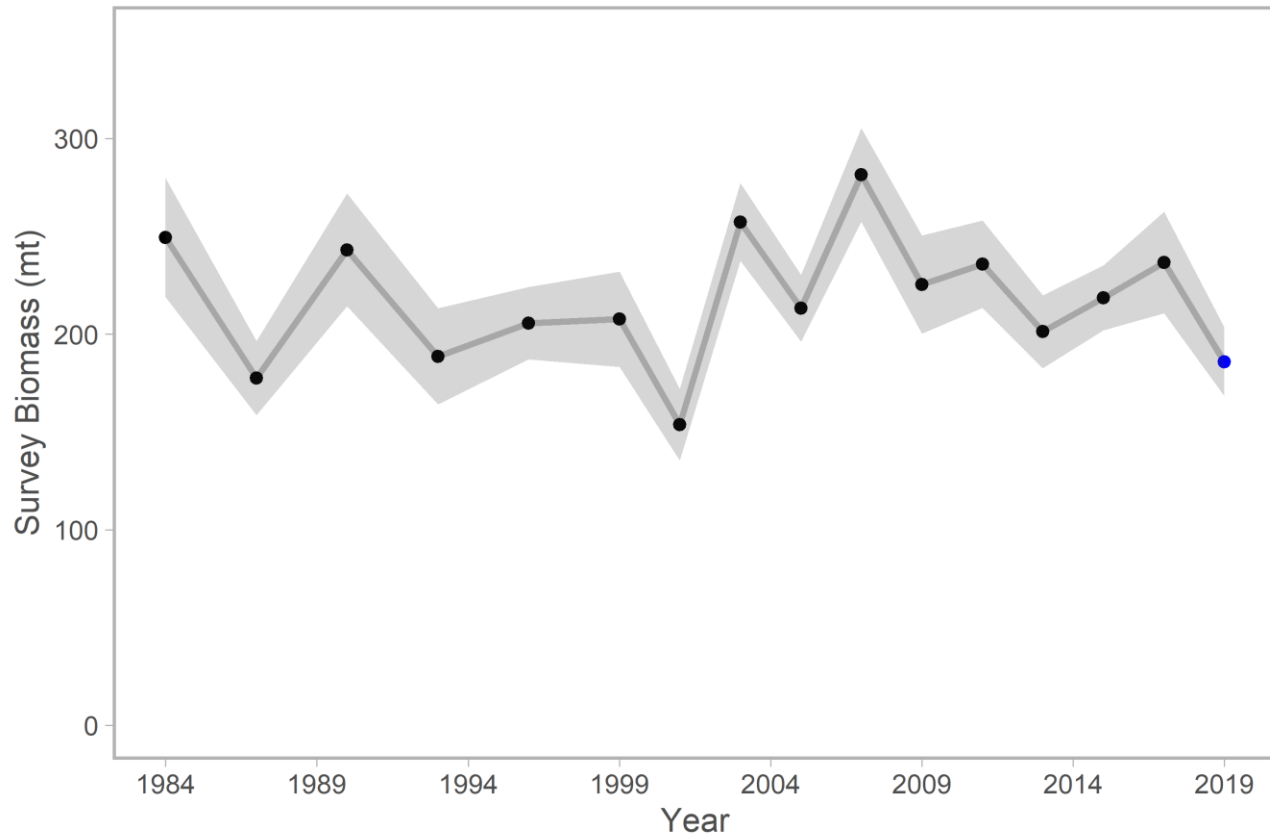
September 2021 GOA Plan Team

Flathead sole – partial update

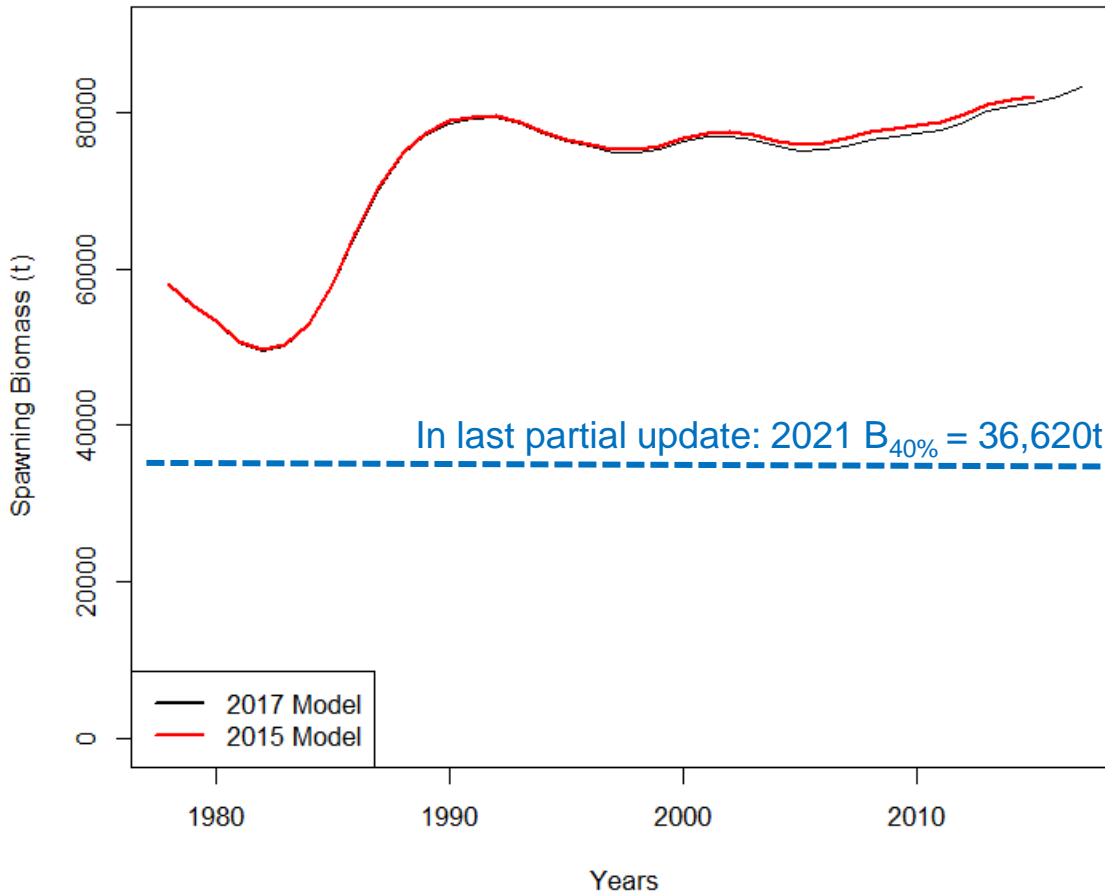
- Last full assessment for GOA was 2017 (Stock Synthesis v3.240; 04/10/2013)
- Updating to latest SS should happen during next full assessment
- Survey biomass index data (thru 2019) do not suggest major conservation concern
- Catches consistently ~10% of TACs since 2010



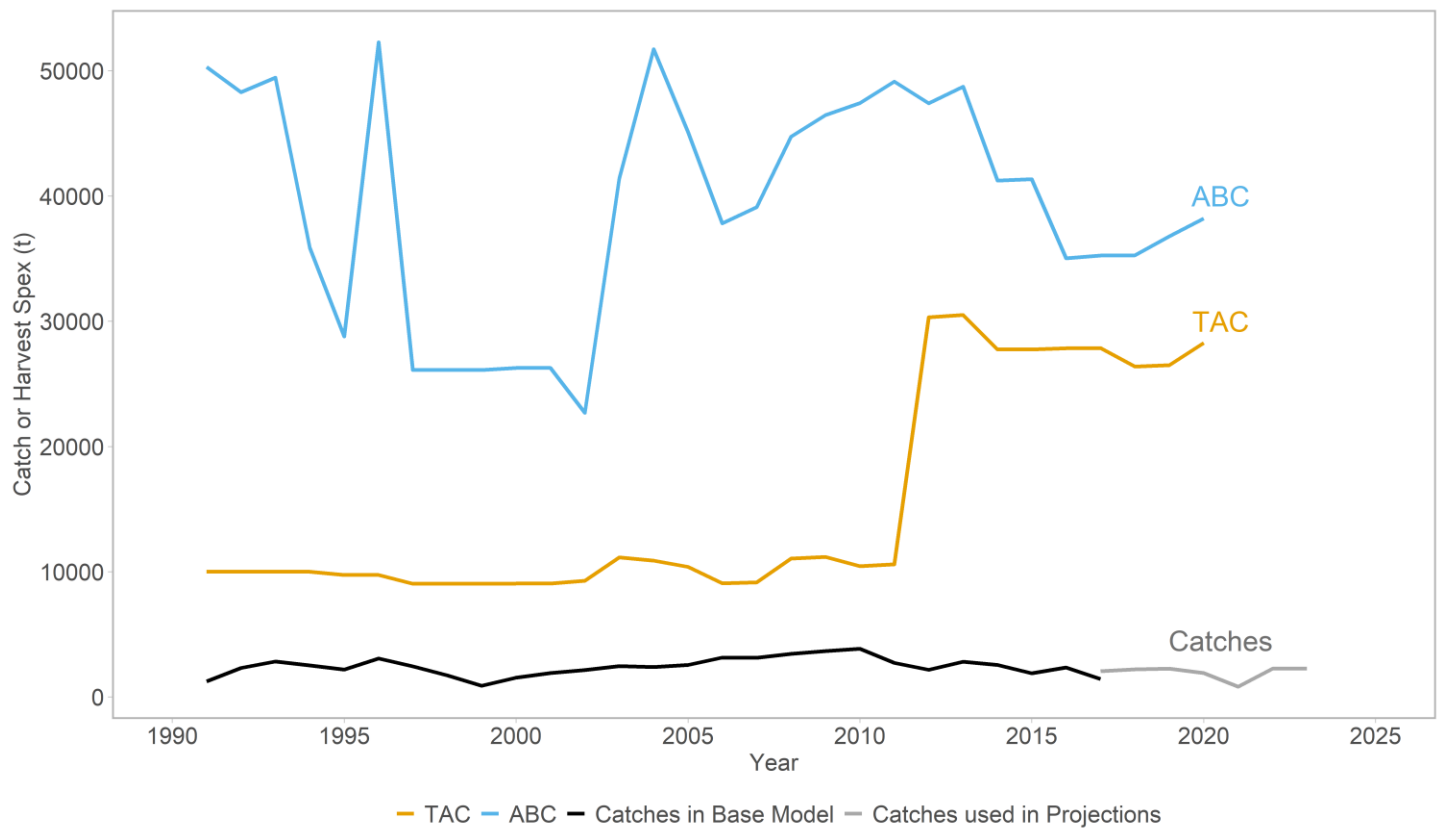
Design-based survey index (through 2019)



SSB High & Stable



Catches << TACs < ABCs



Flathead sole – partial update

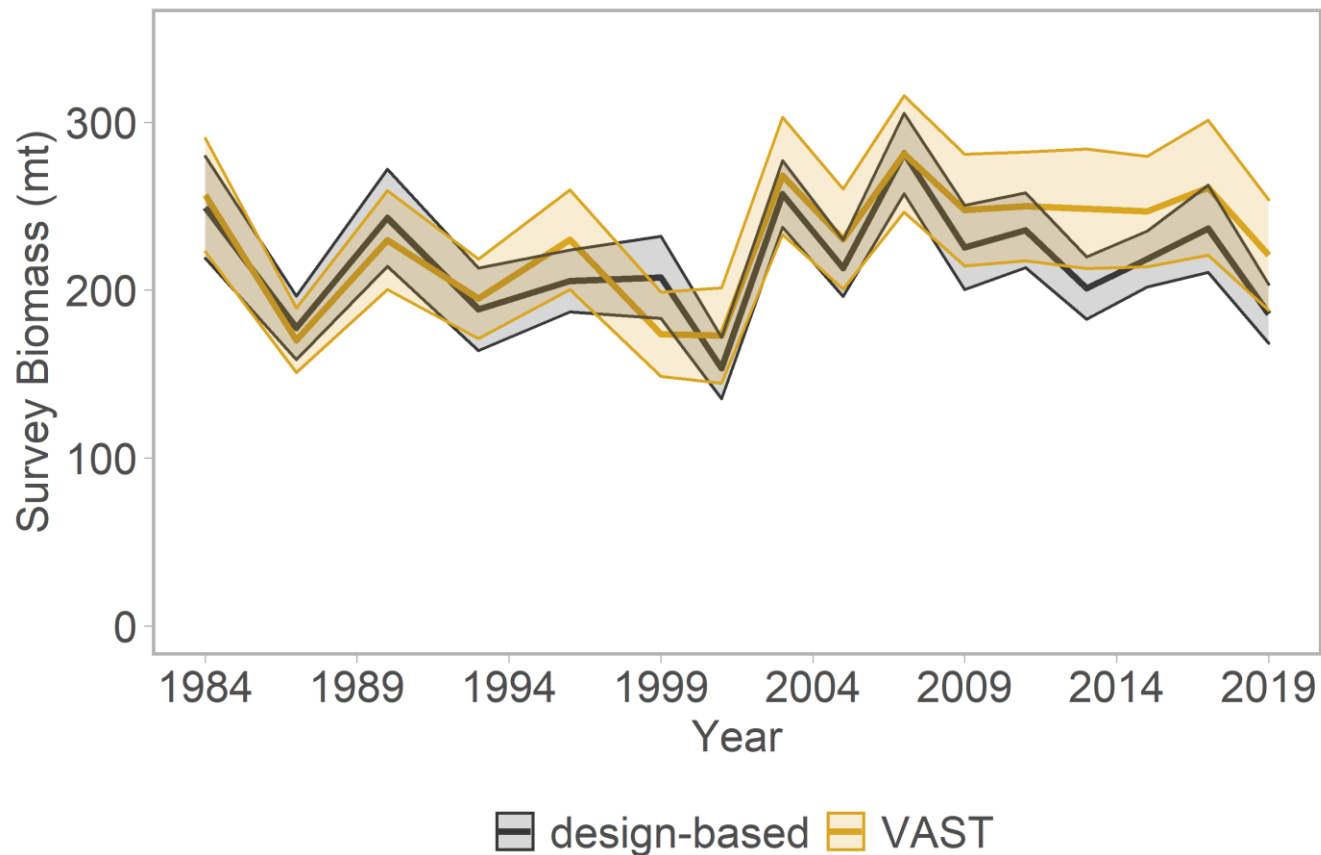
- Last full assessment for GOA was 2017 (Stock Synthesis v3.24)
- Updating to latest SS should happen during next full assessment
- Survey biomass index data (thru 2019) do not suggest major conservation concern
- Catches consistently ~10% of TACs since 2010
- Risk of inconsistent projections
- **We recommend** keeping a standard partial update this cycle
- **Guidance:** is the PT comfortable with presentation of a standard partial update in Nov? Anything else to see in report?





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Comparison of model- and design-based indices thru 2019



SSC/Plan Team Comments from 2017 Assessment

- Analyze ageing error/introduce ageing error matrix
- Explore relationship between M and q (likelihood profiles)
- Explore scientific uncertainty (fixed parameters)

