2021 Partial Update for GOA Flathead Sole
Feedback on assessment plan

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September 2021 GOA Plan Team
Flathead sole – partial update

- Last full assessment for GOA was 2017 (Stock Synthesis v3.24O; 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

In last partial update: 2021 $B_{40\%} = 36,620t$
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?
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)