

List of SSC questions and requests: ABC Control Rule

- 1) Fundamentally, should the new ABC control rule be based on P^* with a better characterization of uncertainty?
 - Use conceptual basis of new ABC as proposed with Ralston method as σ_{\min} ?
 - Use conceptual basis of new ABC as proposed with a different default σ_{\min} ?
 - Consider conceptually different approach (e.g., F_{OY} -based, F-multiplier based [e.g., 75% of $F_{30\%SPR}$], other qualitative approach)

SSC Determination: Further exploration of available options is necessary. Interest in the Ralston method versus other approaches.

- 2) What harvest control rule(s) (how " F_{Limit} " changes with stock size) should be considered?
 - Status quo is $OFL = \text{yield at MFMT when } B > MSST \text{ and ABC is set below } OFL$; when $B < MSST$, $OFL = \text{yield at MFMT and ABC is computed as the yield at } F_{\text{Rebuild}}$
 - Ramp from B_{MSY}
 - Ramp from MSST
 - B_{CRIT}
 - ~~Second and third hinge~~
 - ~~Possibility of another hinge between B_{MSY} and MSST~~
 - Consideration of M in the slope for the HCR

SSC Determination: Provide options, considerate of simplicity.

- 3) What information on performance of alternative control rules are we requesting?
 - Past performance of current ABC control rule (existing doc?)
 - Past performance of deviations from the current ABC Control Rule (e.g., F-multipliers, and examining the reduction between the OFL and ABC between assessments in terms of a percentage reduction from F_{MSY} or its proxy)
 - Simulation performance of alternative rules
 - Consider recruitment, episodic mortality
 - Implications of alternative rules for ABCs of Gulf stocks
- 4) What information can we provide to help the Council consider their risk policy when we take that issue to them as part of the control rule revision?
 - e.g., risk of overfishing vs. fishing opportunity foregone
 - Re: foregone yield, consider lost harvest in terms of both pounds and value
 - Costs of overharvesting to stock and stakeholders
 - Consideration of phase-in of changes in catch limits
 - Evaluation of linkages between social indicators and the application of the ABC Control Rule
 - Costs to management for addressing overfishing/overfished stock status
 - Further, social costs to management buy-in