



Mackerel Rebuilding v2

September 2021

Council Actions/Guidance

- Emergency action request: 15,512 metric tons (MT) in 2021/2022 while rebuilding is being reconsidered
 - Allowed by Magnuson/NS1 Guidelines while rebuilding revised
 - NMFS has broad discretion for implementing
 - Catch seems likely to be below this value
- Assume 15,512 MT for 2021 catch for next rebuilding scenarios.
 - Given emergency action request, seems reasonable to use 15,512 MT for 2021/2022

Council Actions/Guidance

- Rebuilding timeline: 10 years
 - January 1, 2023 implementation date is likely, so rebuilt target date would be June 1, 2032.
- Rebuilding probabilities: 50%, 60%, 75% for that timeline.
- Also calculate standard P^* . Rebuilt in 10 years?

Council Request

- “Move that the Council request the SSC perform additional analyses regarding recruitment assumptions and reference points to inform rebuilding decisions.”
- Recruitment immediately critical determination for rebuilding scenarios with the given reference point.
 - Can’t determine probabilities of rebuilding without recruitment specified throughout the rebuilding period.
- The reference point request is contained in the research recommendation TOR (SSC point on adaption).

Today

- Goal: Science advice to facilitate Council choosing a rebuilding plan that best matches its risk preferences.
- Given the nature of the issue, and some uncertainty about projection availability before the meeting, the mackerel TORs may not be able to be fully addressed at this time. If not, what is needed?
- Projections for illustration, but recruitment assumption seems like the key for developing rebuilding scenarios.
- Kiersten...