

Terms of Reference for the Peer Review

2024 Stock Assessment Update for Main Hawaiian Islands Uku (Aprion virescens)

Peer Review under the Western Pacific Stock Assessment Review framework: *2024 Stock Assessment Update for Main Hawaiian Islands Uku (Aprion virescens)*

For questions 1-4 and their subcomponents, reviewers shall provide a “yes” or “no” answer. If they answer “no”, they must explain if a specific change was justifiable, and if not, which alternative set of existing information/results should be used to inform fishery management and why. Each panel member will provide a report based on their answers to these questions, and the Chair will provide a report summarizing the answers to these questions across the review panel.

1. Are input data sources and filtering methods well documented and the same as those used in the 2020 benchmark assessment?
2. Is the CPUE standardization methodology the same as those used in the 2020 benchmark stock assessment?
3. Are the assessment model and methodology the same as those used in the 2020 benchmark stock assessment?
4. Are methods used to project future population state the same as those used in the 2020 benchmark stock assessment?
5. Do results include estimated stock status in relation to the estimated biological reference points, and other results required to address management goals stated in the relevant FEP or other documents provided to the review panel?
6. For consideration in future benchmark assessments, suggest and prioritize recommendations for improvements and research. For each recommendation, prioritize to three categories (high, medium, low) dependent on importance to interpretation of this and future assessment results.
7. Draft a report (individual reports from each of the panel members and an additional Summary Report from Chair) addressing the above TOR questions.