

Recreational Red Abalone Fishery Management Plan Process

FINAL Modelers Tasks

Updated: November 2019

Following Project Team meetings, the Admin Team reviews and updates the list of proposed next steps for the modelers. The task list is then shared with the modelers for their review and to inform progress on their work leading up to the next Project Team meeting. These next steps are shared with the Project Team and posted publicly on the Ocean Protection Council website ([here](#)). This document reflects the most up to date next steps, as informed by the previous four Project Team meetings and conversations with the modelers, and will continue to be updated following future Project Team meetings.

- Conduct a sensitivity analysis to investigate the impact of increasing size limit (e.g. 8", 9") on red abalone rebuilding timeline, noting length of time to *de minimis* and open fishery status and depletion at each status.
- Conduct a hypothetical modeling exercise to explore sampling intensity required to explore managing Humboldt and Del Norte counties as a third zone under a separate SPR-only management strategy.
- Under the two-zone MSE, evaluate two variations for Management Strategy A that investigate –
 - 1) Using mean density reference points (0.2 m², 0.25 m², 0.3 m²), while maintaining the 50% confidence interval
 - 2) Relaxing the decision-tree thresholds so that if < 90% of density CIs are greater than 0.2 m², then RED is triggered