



## **C3 BSAI Crab Harvest Specifications**

December 2024

### **Action Memo**

- Council Staff: Anita Kroska, Dr. Diana Stram
- Other Presenters: Katie Palof (ADF&G, Crab Plan Team Co-Chair), Dr. Mike Litzow (NMFS, Crab Plan Team Co-Chair)
- Action Required:
1. Norton Sound Red King Crab – Specify OFL/ABC for 2025
  2. Review Crab Plan Team Report from the November 2024 meeting
  3. Review/approve final BSAI NSRKC SAFE report

### **BSAI Crab Specifications and Plan Team Report**

The Crab Plan Team (CPT) met virtually November 5, 2024 to review the final 2024 stock assessments for the Norton Sound Red King Crab (NSRKC) and recommend OFLs and ABCs for this stock ([Crab Plan Team eAgenda](#)). The 2024 BSAI Crab SAFE Report Introduction, Crab Plan Team Report, and the assessment chapters NSRKC are posted to the eAgenda.

In previous annual cycles, the NSRKC stock was reviewed by the Council during the February meeting. The timing has shifted to a CPT review in November and a final Council review in December, as the Council tries to move away from holding a February Council meeting.

The Team addressed several additional issues at this meeting, including:

- Model scenarios in GMACS for the Norton Sound Red King Crab stock assessment, reviewed by the CPT in November 2024 for the 2025 fishery.
- Updated catch and stock status determination for NSRKC.
- Congratulating the NSRKC stock assessment author on his final assessment and transition to a new position.
- Topics for review at the January 14-15, 2025 modeling workshop include: sdmTMB and VAST modeling comparisons to construct model-based indices of survey data, guidelines for diagnostics and plotting jittering and MCMC run results, BSFRF SBS selectivity, snow crab topics, CPUE feedback, AKFIN data access, survey length-weight regression, variable spatial footprint for producing biomass estimates, catch time series, and updates to GMACS.