

C3 NSRKC FINAL SAFE

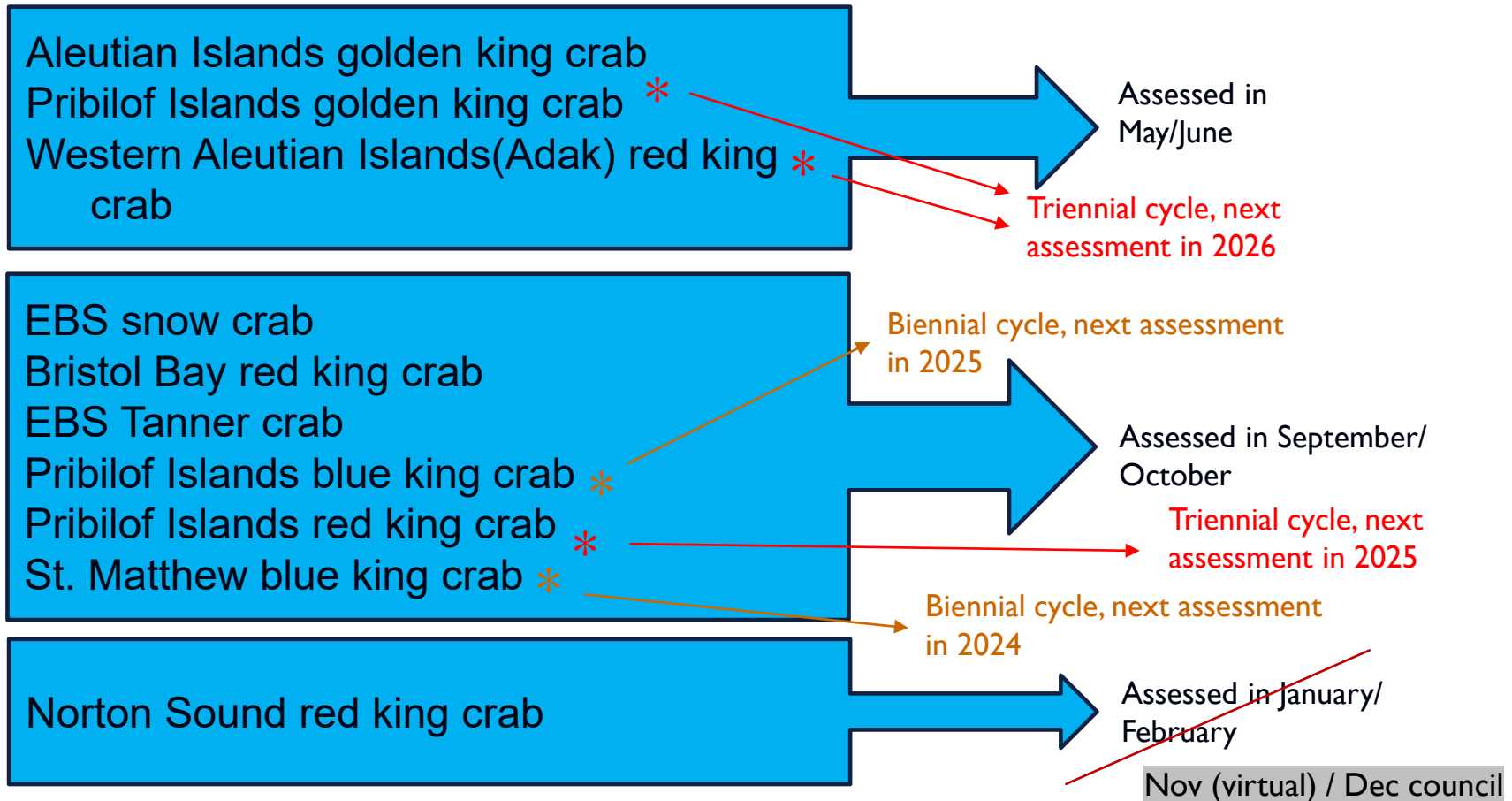
KATIE PALOF & MIKE LITZOW (CPT CO-CHAIRS)

DECEMBER 2024 NPFMC MEETING | ANCHORAGE, AK

CPT MEETING MINUTES – NOV. 5TH



BSAI CRAB STOCKS MANAGEMENT TIMING



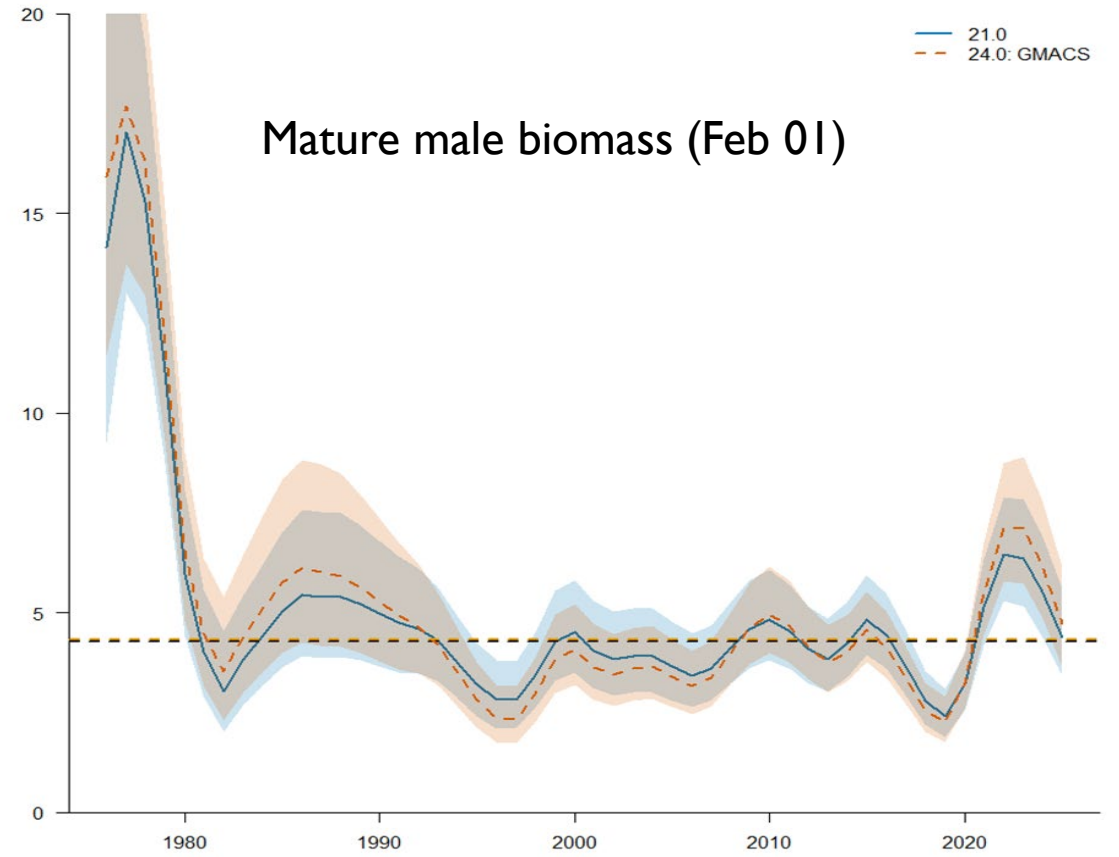
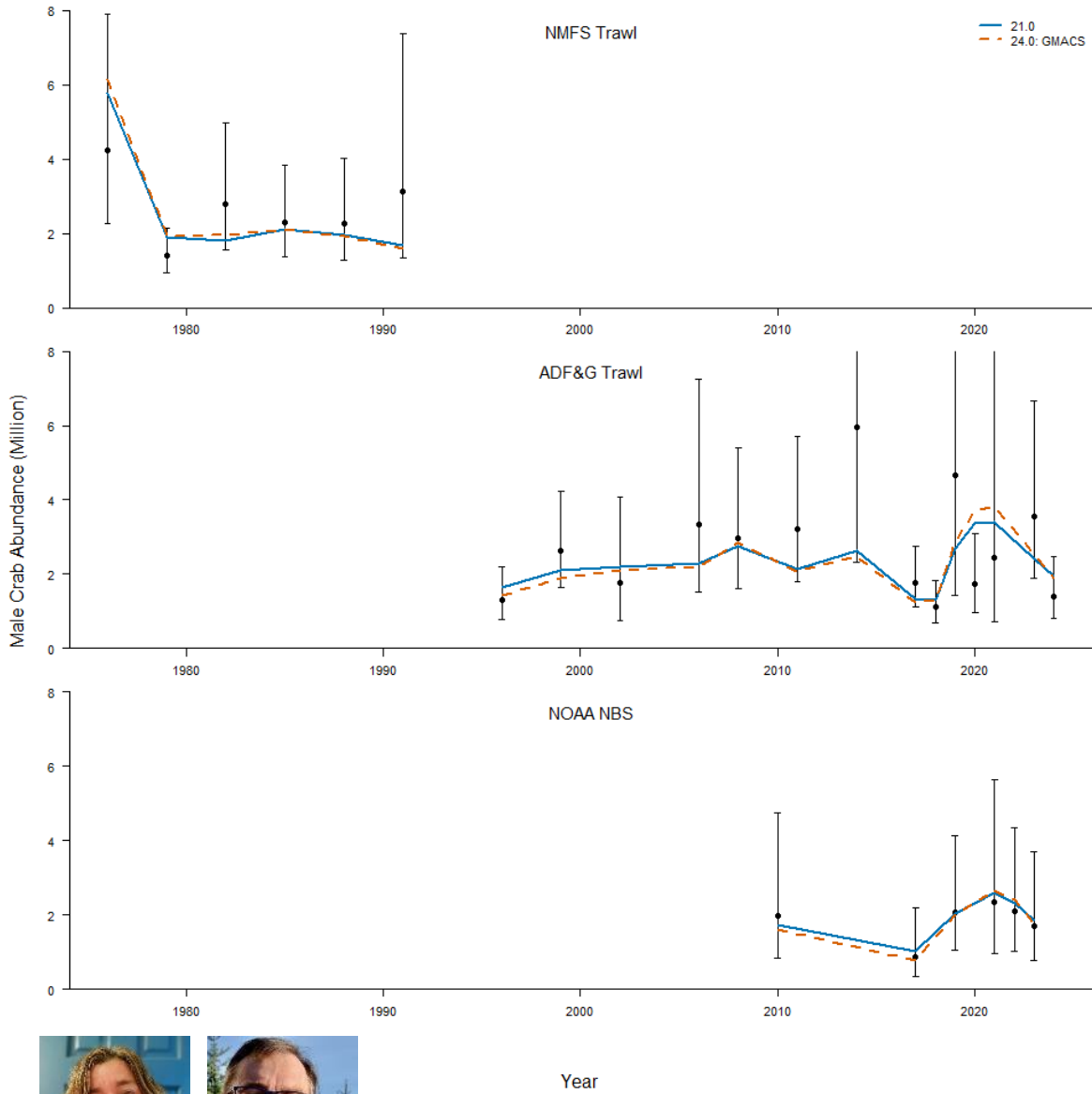
NORTON SOUND RED KING CRAB (NSRKC)

Overview

- **Annual Tier 4 assessment, transitioning to GMACS this cycle**
- Two models: Model 21.0 = accepted model and Model 24.0 = GMACS version of 21.0
- CPT **recommends** adopting model 24.0 in GMACS
- Author worked on SSC and CPT requests (including updated figures and model diagnostics).
- OFL calculations for multiple directed fleets is still under development, therefore author used GMACS output to calculate these using traditional methods.
- Author transition underway for next assessment cycle (Stern/Palof)



Trawl Survey Abundance



SPECIFICATIONS

	Model 21.0	Model 24.0 - GMACS
B_{MSY} (mil lb)	4.28	4.33
MMB (2025) (mil lb)	4.39	4.72
B/B_{MSY}	1.02	1.09
OFL (mil lb)	0.58	0.63
ABC (mil lb)	0.41	0.44

CPT recommends GMACS model specifications.

The stock is in Tier 4a ($B > B_{MSY}$), therefore it is not overfished.

The total catch for 2024 was less than the OFL therefore overfishing did not occur.

CPT recommends retaining the 30% buffer for ABC (uncertainties remain from last assessment, which are detailed in Jan 2024 CPT minutes).



QUESTIONS?

- Thanks to all CPT members and crab assessment authors.
- Thanks to Hamachan for his service as an assessment authors and former CPT member.

