

Update: Harvest Strategy Golden King Crab (*Lithodes aequispinus*)

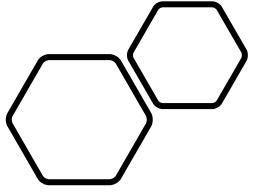


Andrew Olson
andrew.olson@alaska.gov

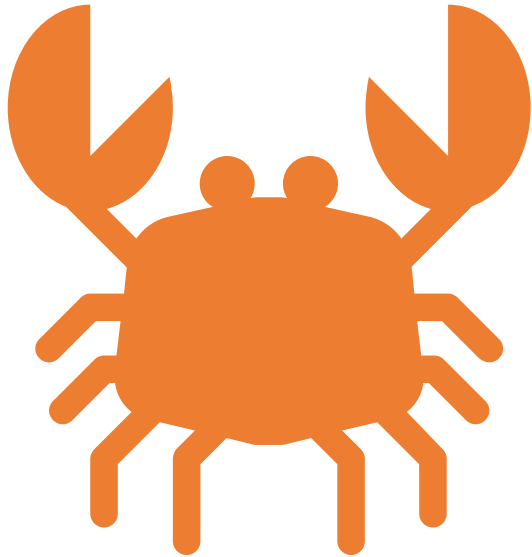
& Katie Palof

King and Tanner Task Force Meeting
December 14th, 2022





Outline



**GKC Harvest
Strategy**
Overview



Strategy Updates

Southeast GKC Harvest Strategy Overview



- **Objectives**

- Improve and stabilize fishery performance
- Transparent and repeatable metrics
- Consistent with BOF Policy on King and Tanner Crab Resource Management [5 AAC 34.080] and SEAK GKC management plan [5 AAC 34.114].

- **Performance Indicators**

- Primary (logbook CPUE, proportion of GKC catch during Tanner fishery)
- Secondary (length & recruit compositions, local ecological knowledge (LEK) aka fishermen experience)

- **Reference Points (avg. logbook CPUE)**

- **Target**-where we want the stock to be
- **Trigger**- prompts management action and intervention
- **Limit**- stock danger zone due to poor fishery performance

- **Decision Rules**

- Inseason- tracking performance inseason and determines if any management action is needed
- Postseason- GHL determinations and area closures if warranted

Updates



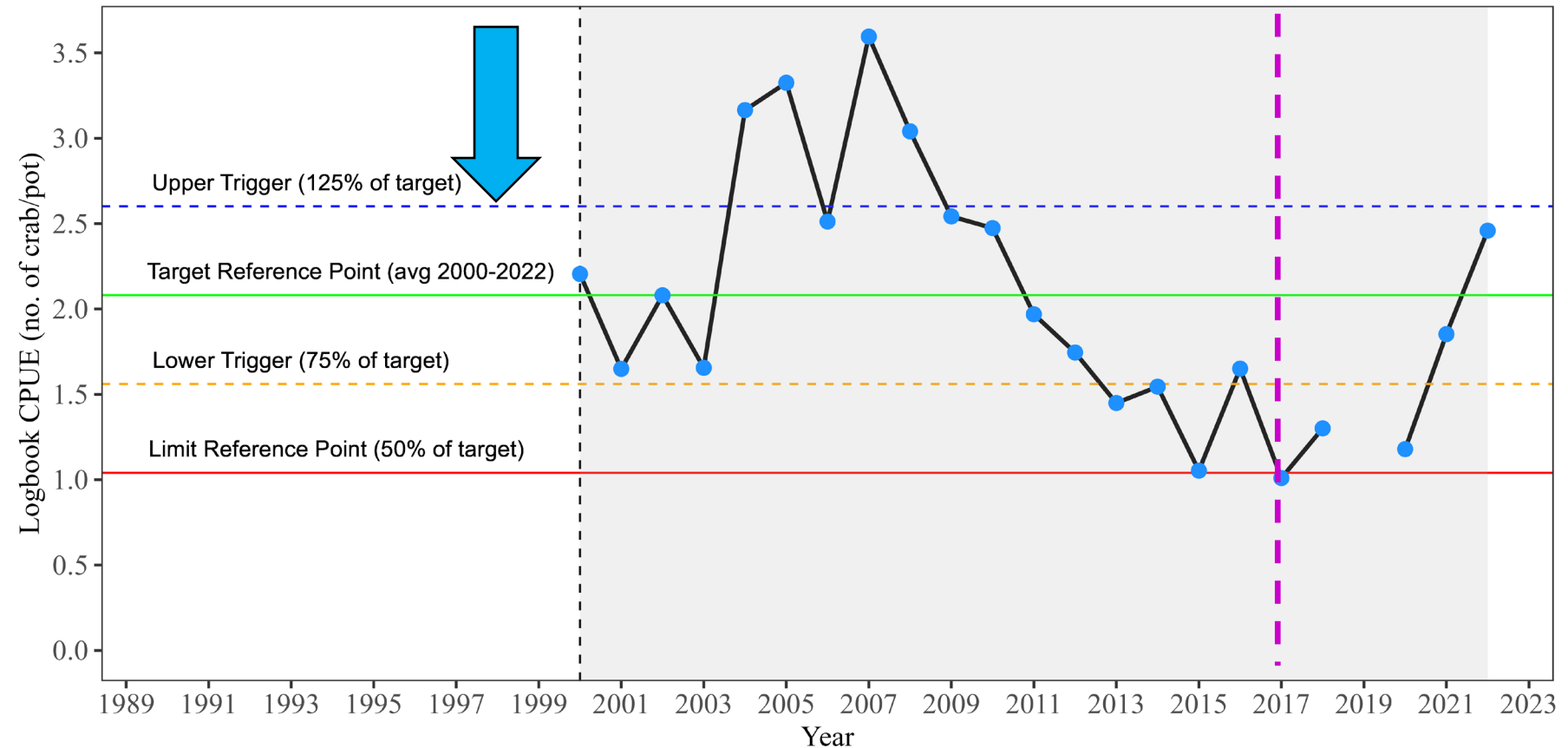
- **Reference Points**

- Expanded to 2022

- **Upper Trigger Reference Point**

- 125% of Target reference point
- Allows for higher rate of increase of GHU up to 35%

Icy Strait logbook data





Questions?