

Squid to EC update

Council action June 2016

- Revised alternative 2 and purpose and need to address catch and retention issues.
- **Alternative 2:** Move squid in both BSAI and GOA FMPs into the 'Ecosystem Component'. Catch specifications (OFL, ABC, TAC) will no longer be required.
- Implement regulations for the groundfish fishery that:
- Prohibit directed fishing for squid
- squid maximum retainable amount (MRA)
 - Option 1 MRA = 2%
 - Option 2 MRA = 10%
 - Option 3 MRA = 20%
- Require recordkeeping and reporting to monitor and report catch of squid species annually.
- Also request that "Encourage the Alaska Fisheries Science Center to continue to explore methods to estimate squid abundance and assess the squid stocks."

SSC issues with biomass estimate:

- **Request for more information on biomass estimation to 'make alternative 1 more viable including:**
 - 1) redefining the time period over which catches are averaged,
 - 2) biomass estimation using ecosystem models,
 - 3) biomass estimation using hydroacoustic surveys such as shown in the BSAI squid SAFE for 2016, and
 - 4) methods used in a recent analysis of global increases in cephalopods using survey and fishery data

Analysis to be revised for February:

- Include any changes in assessment methodology in BSAI and GOA
- IF we move to biomass-based approach in either FMP we will include in analysis
- IF we do not move to biomass-based approach we intend to describe more details on WHY we cannot. Analysis will then continue to be based on current specifications not proposed biomass-estimation that is not being recommended by author or teams as appropriate.
- Other recommendations?