

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?