Addressing public comment

November 6-7, 2018

Review Workshop

Southeast
Fisheries
Science Center

Addressing public comment

- Comment submitted by D. Butterworth

  - Agree that management goals and objectives need to be specified

  - Agree that once goals and objectives have been specified, a MSE process would be useful to test options

  - Asked to respond to points 2) and 3)

2) Combinations of M and selectivity dome

- We addressed this with a few sensitivity runs
  - Selectivity of the reduction fishery (flat topped, domed, more domed)
    - Didn't provide the most extreme dome scenario, but not supported by the likelihood profiles
    - Predicated on the base run M value
  - M (high, low), which bound the scenarios
    - Predicated on base run selectivity

2) Combinations of M and selectivity dome

- Overall, the selectivity didn't impact the outcomes much

- M had a much larger impact
  - Always an uncertainty in assessments
  - Have an estimate of M from empirical data

- Didn't test combinations of selectivity and M

2) Combinations of M and selectivity dome

- Could run scenarios with high/low dome and high/low M – but values would need to be specified

  - Likelihood profile on selectivity suggests a small amount of information to inform the value

- Could run likelihood profiles on selectivity with low/high M values

- Other ideas?

3) Stock – recruit curve

- Addressed with one sensitivity run
  - h = 0.75 (value from SEDAR 32A)
  - Little/no change to base run outcomes
- Could run additional values of h on the low end and a Ricker curve
- Other ideas?

- Further discussion on "Walter's effect" is needed