Overview of Analytical Approach and Economic Models
Overview of Economic Analysis of Amendment 13 Impacts

• Overall Approach
• Applicable Laws (E. O. 12866, RFA)
• What analyses were done?
• How do they fit together?
• What is new?
Overall Approach

Choice and design of analytical models were driven by management needs.

1. Choice of rebuilding strategy
   And

2. Choice of regulatory scheme consistent with rebuilding strategy
Applicable Laws

• Executive Order 12866
  – Focus on Net National Benefit
  – Distributive effects on individuals, businesses of differing sizes, and small communities

• Regulatory Flexibility Act
  – Focus on regulated small businesses
Types of Analysis

• Long term
  – Projected landings and net benefits to 2026
    • Choice of rebuilding strategy
    • E.O. 12866

• Short Term
  – Impacts of year 1 implementation (impacts on vessel revenues, regional impacts, and break-even)
    • Choice of regulatory alternative
    • RFA and E.O. 12866 distributive effects
Integration of Analysis

- Long term analysis a stand-alone
  - Not linked with short term
- Short term analysis contains stand-alone and integrated analyses
  - Stand Alone
    - Break-Even
  - Integrated Models
    - Area closure model
    - Impacts on fishing revenue
    - Input/Output
The Old and the New

• Models used in Amendment 7 and 13
  – Projected net benefit
    • Updated price model
  – Break-Even
    • Updated cost information

• New Models
  – Area closure model
  – Vessel-level revenue change
  – Input/Output model
Presentations of Economic Models

• Long Term
  – Biological Projection Methods
  – Price Analysis
  – Net Benefit

• Short Term
  – Area Closure Model
  – Fishing Revenue Change
  – Input/Output Model
  – Analysis of Hard TAC’s
  – Vessel Break-Even
  – Recreational Impact Analysis