Evaluating American Lobster Stock Dynamics under Changes to Life History and Management Regulations

Monday, February 6th
9:30 – 10:45
• Introduction of the team (Cameron and Yong)
  ○ Some members will be remote
• Presentation of the project (Yong)
  ○ Overview of the grant: objectives and deliverables
• Presentation on the IBLS (Cameron)
  ○ Overview of history, capabilities, inputs, and outputs
• Presentation on the IBLS tuning process (Cameron)
  ○ How the model was updated for GOM/GBK with the 2020 assessment
  ○ How the model was created for the SNE stock
• Discussion/Questions on morning presentations
11:00 – 12:15
• Presentation on GOM/GBK Phase 1 results (Cameron)
  ○ Presentation of individual simulation results (34 sims)
• Discussions of GOM results
  ○ Focused on questions about results and interpretation of patterns
1:15 – 2:45
• Presentation on SNE Phase 1 results (Cameron)
  ○ Presentation of individual simulation results (35 sims)
• Discussion of SNE Results
  ○ Focused on questions about results and interpretation of patterns
3:00 – 4:15
• Discussions of GOM/GBK Phase 2 simulations
  ○ Objective: Compile a list of all GOM/GBK Phase 2 simulations to test
• Discussions of SNE Phase 2 simulations
  ○ Objective: Compile a list of all GOM/GBK Phase 2 simulations to test
7:30 – 9:30
• Dinner with workshop group at Luke’s Lobster

Tuesday, February 7th
10:00 – 11:15
• Review of February 6th discussions (Claire and Nathan)
• Presentations of published papers from work (Cameron)
  ○ Climate-driven shifts in growth and maturity induce changes to the population and fishery dynamics of a high-value crustacean
  ○ Climate-driven changes in growth and size at maturity of Gulf of Maine lobster stocks: implications for stock assessment models
• Continued discussions of GOM/GBK and SNE Phase 2 simulations
  ○ Objective: Compile a list of all GOM/GBK Phase 2 simulations to test
11:15 – 12:30
• Wrap-up and general concerns/questions
• Any other matters the group wants to discuss