

**Gulf of Mexico Shrimp Stock Assessment Review**  
**February 14-16, 2012**  
**NFMS Galveston Laboratory, Galveston, TX**  
**3 Full Days of Meetings – Travel on February 13 and 17.**

1. Evaluate the data used in the assessment, addressing the following:
  - a) Are data uncertainties acknowledged, reported, and within normal or expected levels. e.g., recruitment deviations.
  - b) Are data applied properly within the assessment model?
  - c) Are input data series reliable and sufficient to support the assessment approach and findings?
  - d) Are selectivity functions acceptable and biologically realistic; both fisheries independent and dependent data?
  
2. Evaluate the assessment findings with respect to the following:
  - a) Are abundance, exploitation, and biomass estimates reliable, consistent with input data and population biological characteristics, and useful to support status inferences?
  - b) Are the quantitative estimates of the status determination criteria for this stock reliable? If not, are there other indicators that may be used to inform managers about stock trends and conditions?
  
3. Consider how uncertainties in the assessment, and their potential consequences, are addressed, e.g., sensitivity analysis runs.
  
4. Prepare a Panel Review Report summarizing the evaluation of the stock assessment and addressing each Term of Reference. Develop a list of tasks to be completed following the workshop. Complete and submit the Panel Review Report in accordance with the GMFMC guidelines.

Note: The three Terms of Reference will be conducted for each of the three shrimp species (brown, white, and pink). There will be a separate Panel Review Report for each of the three shrimp stocks (brown, white, and pink).

**Estimated Timeline:**

Day 1 -	8:30 - 10:00 am	General Shrimp Data Overview
	10:00 - 11:30 am	Stock Synthesis Overview, Dr. Rick Methot
	11:30 - 1:00 pm	Lunch
	1:00 - 5:00 pm	Pink Shrimp Model Review
Day 2 -	8:30 - 11:30 am	Brown Shrimp Model Review
	11:30 - 1:00 pm	Lunch
	1:00 - 5:00 pm	White Shrimp Model Review
Day 3 -	8:30 - 11:30 am	White Shrimp Model Review
	11:30 - 1:00 pm	Lunch
	1:00 - 5:00 pm	White Shrimp Model Review