Draft Statement of Work

1. Review history of SEAMAP Groundfish Trawl Survey including survey design changes, survey expansion, timing of the survey in relation to shrimp migration patterns, and data collection methods.

2. Verify SEAMAP Groundfish Trawl Survey is operating across the same temporal and spatial scales as the commercial fisheries (Brown, Pink and White shrimp), to justify indices are representative of the fishery (e.g. GIS map of cELB data with overlaid SEAMAP samples locations).

3. Review current shrimp abundance indices including methodology, data exclusions, and survey area utilized.

4. Investigate alternative analytical methods to generate shrimp abundance indices from SEAMAP Groundfish Trawl Survey data.

5. Provide best practice recommendations for developing shrimp abundance indices from the SEAMAP Groundfish Trawl Survey data and the use of fishery CPUE data.