SUMMARY REPORT
FROM THE
SHRIMP COMMITTEE MEETING
Orlando, FL
June 11th, 2012

The Shrimp Committee met on Monday, June 11th, 2012 in Orlando, Florida. The Committee received two presentations from Jennifer Lee with NOAA Fisheries Southeast Regional Office Protected Resources Division on the listing of Atlantic sturgeon under the Endangered Species Act and also the 2012 South Atlantic Shrimp Biological Opinion. Council staff reviewed the recommendations from the Shrimp Review Panel webinar, held on May 2nd, 2012. Council staff presented the Shrimp Amendment 9 Decision Document, which includes measures that consider: specifying criteria that triggers states' ability to request a concurrent closure of the overwintering white shrimp fishery in the adjacent EEZ during severe winter weather; modifying the process of a concurrent closure during severe winter weather; and revising the overfished status determination criteria for the South Atlantic pink shrimp stock.

The Shrimp Committee made the following motions in discussion of the Shrimp Amendment 9 Decision Document:

MOTION #1: ACCEPT IPT RECOMMENDATION FOR PURPOSE AND NEED
APPROVED BY COMMITTEE

MOTION #2: APPROVE IPT RECOMMENDATION TO SPLIT ACTION 1 INTO 2
APPROVED BY COMMITTEE

MOTION #3: ENDORSE DEEPWATER SHRIMP AND SHRIMP AP RECOMMENDATION FOR ALTERNATIVE 3 (ACTION 1) AS A PREFERRED
APPROVED BY COMMITTEE
This motion refers to: Action 1, Alternative 3. A state may request a concurrent closure upon providing information that demonstrates an exceeded threshold for water temperature. Water temperature must be 8°C (46°F) or below for at least one week.

MOTION #4: WATER TEMPERATURE CRITERIA IS TO BE USED IN LIEU OF POPULATION ABUNDANCE CRITERIA UNDER ACTION 1
APPROVED BY COMMITTEE

MOTION #5: ACCEPT SHRIMP AND DEEPWATER SHRIMP AP ENDORSEMENT OF ALTERNATIVE 2 (ACTION 2) AS PREFERRED
APPROVED BY COMMITTEE
This motion refers to: Action 2, Alternative 2. Any state requesting a concurrent closure would send a letter directly to NOAA Fisheries Service with the request and necessary data to demonstrate that criteria have been met.

MOTION #6: REMOVE ALTERNATIVES 2 AND 3 (ACTION 3) TO CONSIDERED BUT REJECTED
APPROVED BY COMMITTEE
Alternatives 2 and 3 carried over from Shrimp Amendment 6 and are based on annual landings.

MOTION #7: ACCEPT SHRIMP REVIEW PANEL ENDORSEMENT OF ALTERNATIVE 4 (ACTION 3) AS A PREFERRED MEASURE
MOTION WITHDRAWN
The motion was withdrawn to allow staff to develop more specific alternatives for Action 3 (see below) to discuss during Council Session.

REVISED LANGUAGE:

Action 3. Revise the overfished status determination criteria (B_{MSY} proxy) for the pink shrimp stock

Alternative 1. No Action. A proxy for B_{MSY} (0.461 individuals per hectare) has been established for pink shrimp using CPUE information from SEAMAP-SA data as the lowest values in the 1990-2003 time period that produced catches meeting MSY the following year.

~~**Alternative 2.** Pink shrimp are overfished when the annual landings fall below two standard deviations below mean landings 1957-1993 for three consecutive years [286,293 pounds heads-on]. It is assumed that overfishing is occurring when the overfished threshold specified is met.~~
Moved to Considered but Rejected

~~**Alternative 3.** Revise or establish consistent overfishing and overfished definitions for penaeid shrimp (specifically, pink shrimp) based on the established MSY and OY catch values. Overfishing (MFMT) for pink shrimp would be defined as a fishing mortality rate that led to annual landings larger than two standard deviations above MSY for two consecutive years, and the overfished threshold (MSST) for pink shrimp would be defined as annual landings smaller than two standard deviations below MSY for two consecutive years.~~
~~Pink shrimp: MSST = 0.3 MP MSY = 1.8 MP MFMT = 3.3 MP~~
Moved to Considered but Rejected

Alternative 4. A B_{MSY} proxy for pink shrimp would be calculated using the best scientific information available as determined by the Shrimp Review Panel, which would meet on an annual basis to review the B_{MSY} proxy and stock status.

*This gives deference to the Shrimp Review Panel for determining what data sources to use for developing the B_{MSY} proxy without specifying surveys within the alternative in the event future surveys develop in other SA states, such as FL. Currently, the SRP has recommended the use of fishery independent data from the Pamlico Sound and SEAMAP-SA surveys. Do you want to move this to the considered but rejected appendix?

Alternative 5. Establish two proxies for B_{MSY} for pink shrimp using CPUE information from SEAMAP and the Pamlico Sound Trawl Survey as the lowest values in [insert time range] that produced catches meeting MSY the following year.

*This alternative is further clarified with the new additional alternatives for consideration, below. Suggest removal of Alternative 5 to considered but rejected.

New Alternatives:

Alternative 6. Establish a proxy for B_{MSY} for pink shrimp using average CPUE values from SEAMAP-SA data during the 2007-2011 time period (.273 individuals per hectare).

Alternative 7. Establish a proxy for B_{MSY} for pink shrimp using average CPUE values from SEAMAP-SA data during the 2009-2011 time period (.292 individuals per hectare).

Alternative 8. Establish a proxy for B_{MSY} for pink shrimp using the lowest CPUE value from SEAMAP-SA data during the 1990-2011 time period (0.089 individuals per hectare).

Alternative 9. Establish a proxy for B_{MSY} for pink shrimp using average CPUE values from Pamlico Sound Survey data during the 2007-2011 time period (5.143 individuals per hectare).

Alternative 10. Establish a proxy for B_{MSY} for pink shrimp using average CPUE values from Pamlico Sound Survey data during the 2009-2011 time period (1.526 individuals per hectare).

Table 1. Annual CPUE (#/ha) estimates derived from the SEAMAP Shallow water Trawl Survey. #/ha = mean of number of individuals per tow divided by the mean area swept (ha) by sample trawls, one hectare = 2.47 acres

Year	Pink Shrimp
1990	0.566
1991	0.872
1992	0.511
1993	0.671
1994	0.594
1995	1.725
1996	0.461
1997	0.949
1998	0.853
1999	0.450
2000	0.211
2001	0.502
2002	0.908
2003	0.418
2004	0.383
2005	0.103

2006	0.218
2007	0.149
2008	0.340
2009	0.296
2010	0.089
2011	0.490

Table 2. Annual CPUE estimates (#/ha) derived from the Pamlico Sound Survey. The annual Pamlico Sound Survey CPUE is the arithmetic weighted mean of the number per tow, a tow equates to 1.951 hectares.

Year	Pink Shrimp
1990	1.030
1991	3.624
1992	9.810
1993	4.695
1994	9.231
1995	18.309
1996	9.462
1997	0.964
1998	13.060
1999	15.141
2000	4.367
2001	1.902
2002	11.266
2003	1.133
2004	2.225
2005	0.492
2006	6.986
2007	3.352
2008	17.786
2009	3.465
2010	0.584
2011	0.528