




**UNITED STATES DEPARTMENT OF COMMERCE**  
**National Oceanic and Atmospheric Administration**  
 NATIONAL MARINE FISHERIES SERVICE  
 Southeast Regional Office  
 263 13<sup>th</sup> Avenue South  
 St. Petersburg, Florida 33701-5505  
 (727) 824-5305; FAX (727) 824-5308  
<http://sero.nmfs.noaa.gov>

OCT 21 2008

F/SER29:AS

MEMORANDUM FOR: Bonnie Ponwith, Ph.D.  
 Director, Southeast Fisheries Science Center

FROM: Roy E. Crabtree, Ph.D.   
 Regional Administrator

SUBJECT: King Mackerel Data Request

The South Atlantic and Gulf of Mexico Fishery Management Councils (Councils) will convene their Scientific and Statistical Committees (SSCs) in late November and early December to review the results of the Southeast Data, Assessment, and Review (SEDAR) 16 king mackerel stock assessment. During this review, and in compliance with the Magnuson-Stevens Fishery Conservation and Management Act, the SSCs will be required to recommend allowable biological catch levels (ABC). To assist the SSCs during their review of the stock assessment, and Council and SERO staffs in preparing an amendment for this action, I am requesting the Southeast Fisheries Science Center provide the following data based upon the SEDAR 16 Review Workshop (RW) base model:

1. Yield projections associated with  $F_{\text{current}}$ ,  $65\%F_{30\%SPR}$ ,  $75\%F_{30\%SPR}$ ,  $85\%F_{30\%SPR}$ ,  $F_{30\%SPR}$ , and  $F_{40\%SPR}$  by migratory group through 2016;
2. trends in landings and dead discards in pounds by year, fishing mode (shrimp, commercial, charter, private, and headboat), and migratory group; and
3. trends in fishing mortality and spawning stock biomass by year and migratory group.

I also request you provide the following yield projections ( $F_{\text{current}}$ ,  $65\%F_{30\%SPR}$ ,  $75\%F_{30\%SPR}$ ,  $85\%F_{30\%SPR}$ ,  $F_{30\%SPR}$ , and  $F_{40\%SPR}$ ) through 2016 based upon the SEDAR 16 RW base model:

1. Separate yields for each of the two king mackerel management areas delineated at the Miami-Dade/Monroe County line;
2. separate yields for each migratory unit based on allocating all fish in the mixing zone to the Gulf of Mexico migratory unit; and
3. separate yields for each of the two king mackerel management areas delineated at the Gulf and South Atlantic Council boundaries.

If possible, please provide the requested data on or before November 21, 2007. If you have any questions, please call Andy Strelcheck on my staff at (727) 824-5374.

Attachment

cc: F/SER2 – Phil Steele  
 F/SER24 – Steve Branstetter, John McGovern, Andy Strelcheck,  
 GMFMC – Rick Leard  
 SAFMC – Gregg Waugh

