SOUTH ATLANTIC FISHERY MANAGEMENT COUNCIL

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Gregg Waugh, Deputy Executive Director

January 19, 2009

MEMORANDUM

TO: Bonnie Ponwith

FROM: Bob Mahood RKM

SUBJECT: Data Request in Support of SSC ABC Recommendations

This memorandum requests information and analyses for multiple actions being considered in the Comprehensive ACL Amendment. I request the information below be provided by March 1, 2010, for consideration by the SSC at their April 2010 meeting.

The South Atlantic Council Scientific and Statistical Committee developed an ABC control rule in accordance with provisions of the Reauthorized Magnuson-Stevens Act that provides a means to objectively determine the buffer between the Overfishing Level and the ABC based on consideration of factors such as level of assessment, assessment uncertainty, stock status, and biological characteristics. For assessed stocks, the control rule provides a probability of overfishing which can then be used to determine ABC using the "P*" analysis developed by SEFSC staff and reported in recent stock assessments. For unassessed stocks, the control rule provides a means of establishing an appropriate buffer between MSY/OFL and the ABC, which requires estimates of MSY and OFL.

On behalf of the SSC, the Council requested MSY and OFL values from the Science Center for all unassessed stocks in August 2009 to facilitate ABC recommendations. Because that initial request could not be completed for consideration in ABC recommendations, the SSC now requests basic information on landings, discards, effort, and mean length for all managed stocks.

Specific data elements requested, listed in priority order of need. This information is requested for all stocks managed by the SAMFC (See Table 1 for complete listing).

1) Annual landings in pounds for the MRFSS, ALS, SE Headboat, and Logbook data sources.
2) Annual mean length and weight for the MRFSS, SE Headboat, and TIP.
3) Depletion-adjusted average catch based on the MacCall approach (MacCall, A. D. 2009. Depletion-corrected average catch: a simple formula for estimating sustainable yields in data-poor situations. ICES Journal of Marine Science, 66: 2267–2271)
4) Representative measures of annual effort for the MRFSS and SE headboat sources, and annual effort by predominant gear types (hook and line, pot, trawl) for the ALS and Logbook sources. The SSC requests HB effort reported as angler-days and that data providers be given latitude to consider appropriate effort measures for other data sources that will provide an indication of trends in effective effort over time.
5) Annual discards in pounds for all managed stocks for the MRFSS, ALS, SE Headboat, and Logbook data sources.
6) Time series of relative status indicators (F/Fmsy and B/Bmsy) for South Atlantic stocks assessed through SEDAR.

The above data should be provided in a spreadsheet format using accepted and consistent species names for all data sources.

Thank you for your consideration of this request. If you have any questions, please contact me.

cc: SAFMC Members
Gregg Waugh
John Carmichael
Carolyn Belcher
Luiz Barbieri

Table 1. Stocks managed by the South Atlantic Council

Common Name	Scientific Name	FMP
Dolphin	Coryphaena hippurus	Dolphin Wahoo
Wahoo	Acanthocybium solandri	Dolphin Wahoo
Golden crab	Chaceon fenneri	Golden Crab
Almaco jack	Seriola rivoliana	Snapper Grouper
Atlantic spadefish	Chaetodipterus faber	Snapper Grouper
Banded rudderfish	Seriola zonata	Snapper Grouper
Bank sea bass	Centropristis ocyurus	Snapper Grouper
Bar Jack	Caranx ruber	Snapper Grouper
Black grouper	Mycteroperca bonaci	Snapper Grouper
Black margate	Anisotremus surinamensis	Snapper Grouper
Black sea bass	Centropristis striata	Snapper Grouper
Black snapper	Apsilus dentatus	Snapper Grouper
Blackfin snapper	Lutjanus buccanella	Snapper Grouper
Blue Runner	Caranx crysos	Snapper Grouper
Bluestriped grunt	Haemulon sciurus	Snapper Grouper
Blueline tilefish	Caulolatilus microps	Snapper Grouper
Coney	Cephalopholis fulva	Snapper Grouper
Cottonwick	Haemulon melanurum	Snapper Grouper
Crevalle Jack	Caranx hippos	Snapper Grouper
Cubera snapper	Lutjanus cyanopterus	Snapper Grouper
Dog snapper	Lutjanus jocu	Snapper Grouper
French grunt	Haemulon flavolineatum	Snapper Grouper
Gag grouper	Mycteroperca microlepis	Snapper Grouper
Goliath grouper	Epinephelus itajara	Snapper Grouper
Grass porgy	Calamus arctifrons	Snapper Grouper
Gray snapper	Lutjanus griseus	Snapper Grouper
Gray triggerfish	Balistes capriscus	Snapper Grouper
Graysby	Cephalopholis cruentata	Snapper Grouper
Greater amberjack	Seriola dumerili	Snapper Grouper
Hogfish	Lachnolaimus maximus	Snapper Grouper
Jolthead porgy	Calamus bajonado	Snapper Grouper
Knobbed porgy	Calamus nodosus	Snapper Grouper
Lane snapper	Lutjanus synagris	Snapper Grouper
Lesser amberjack	Seriola fasciata	Snapper Grouper
Longspine porgy	Stenotomus caprinus	Snapper Grouper
Mahogany snapper	Lutjanus mahogoni	Snapper Grouper
Margate	Haemulon album	Snapper Grouper
Misty grouper	Epinephelus mystacinus	Snapper Grouper
Mutton snapper	Lutjanus analis	Snapper Grouper
Nassau grouper	Epinephelus striatus	Snapper Grouper
Ocean triggerfish	Canthidermis sufflamen	Snapper Grouper
Porkfish	Anisotremus virginicus	Snapper Grouper
Puddingwife	Halichoeres rediatus	Snapper Grouper
Queen snapper	Etelis oculatus	Snapper Grouper

Queen triggerfish	Balistes vetula	Snapper Grouper
Red grouper	Epinephelus morio	Snapper Grouper
Red hind	Epinephelus guttatus	Snapper Grouper
Red porgy	Pagrus pagrus	Snapper Grouper
Red snapper	Lutjanus campechanus	Snapper Grouper
Rock hind	Epinephelus adscensionis	Snapper Grouper
Rock sea bass	Centropristis philadelphica	Snapper Grouper
Sailors choice	Haemulon parra	Snapper Grouper
Sand tilefish	Malacanthus plumieri	Snapper Grouper
Saucereye porgy	Calamus calamus	Snapper Grouper
Scamp	Mycteroperca phenax	Snapper Grouper
Schoolmaster	Lutjanus apodus	Snapper Grouper
Scup	Stenotomus chrysops	Snapper Grouper
Sheepshead	Archosargus probatocephalus	Snapper Grouper
Silk snapper	Lutjanus vivanus	Snapper Grouper
Smallmouth grunt	Haemulon chrysargyreum	Snapper Grouper
Snowy grouper	Epinephelus niveatus	Snapper Grouper
Spanish grunt	Haemulon macrostomum	Snapper Grouper
Speckled hind	Epinephelus drummondhayi	Snapper Grouper
Tiger grouper	Mycteroperca tigris	Snapper Grouper
Tilefish (golden)	Lopholatilus chamaeleonticeps	Snapper Grouper
Tomtate	Haemulon aurolineatum	Snapper Grouper
Vermilion snapper	Rhomboplites aurorubens	Snapper Grouper
Warsaw grouper	Epinephelus nigritus	Snapper Grouper
White grunt	Haemulon plumieri	Snapper Grouper
Whitebone porgy	Calamus leucosteus	Snapper Grouper
Wreckfish	Polyprion americanus	Snapper Grouper
Yellow jack	Caranx bartholomaei	Snapper Grouper
Yellowedge grouper	Epinephelus flavolimbatus	Snapper Grouper
Yellowfin grouper	Mycteroperca venenosa	Snapper Grouper
Yellowmouth grouper	Mycteroperca interstitialis	Snapper Grouper
Yellowtail snapper	Ocyurus chrysurus	Snapper Grouper
Cero	Scomberomorus regalis	Coastal Migratory Pelagics
Cobia	Rachycentron canadum	Coastal Migratory Pelagics
King mackerel	Scomberomorus cavalla	Coastal Migratory Pelagics
Little tunny	Euthynnus alletteratus	Coastal Migratory Pelagics
Spanish mackerel	Scomberomorus maculatus	Coastal Migratory Pelagics
Spiny lobster	Panulirus argus	Spiny Lobster
Sargassum		Sargassum
Coral		Coral