SOUTH ATLANTIC FISHERY MANAGEMENT COUNCIL

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Robert K. Mahood, Executive Director

Gregg Waugh, Deputy Executive Director

April 7, 2012

MEMORANDUM

TO: Bonnie Ponwith

FROM: Bob Mahood *RKM*

SUBJECT: Data Request

At our June 2012 meeting the Council may address the possibility of allowing some level of harvest of red snapper in the near future. To aid in that decision we are requesting that the SEFSC provide bycatch mortality estimates (all sectors) to evaluate the actual and estimated level of mortality relative to the previously projected mortality levels. Would you please provide the estimates of bycatch mortality as highlighted in yellow in the Table 1. (below) for the years 2010 through 2011. The information should be provided on or before noon on May 21, 2012 to be included in the June 2012 briefing book.

Table 1. Projection levels (thousand pounds whole weight) for red snapper and actual/estimated discard levels taken from Table 9c. (memo-page 2).

Projections	Discards	Landings	Total	Actual & Estimated Discards	Amount Available
2010	346,000		346,000		
2011	56,000	365,000	421,000		
2012	77,000	464,000	541,000		

In Amendment 17A, the Council used the projections in Table 9c. (below) in determining that the appropriate management approach for red snapper was to continue the total prohibition on harvest and possession. Table 9c was part of SEDAR-24 (South Atlantic Red Snapper) and contains the management quantities and projections that had been requested by the SSC and SERO. The table was prepared in November 2010 by the Sustainable Fisheries Branch, Southeast Fisheries Science Center, Beaufort, NC.

Table 9c. Projection results (expected values) with F=0.98×F30, extended from assessment model configuration with component weights as in the AW report, but headboat index weight increased to $\omega = 0.30$. F is fishing mortality rate (per yr), SSB is mid-year spawning stock (mt), R is recruits (1000 age-1 fish), D is discard mortalities (1000 fish or 1000 lb whole weight), L is landings (1000 fish or 1000 lb whole weight), and sum L is cumulative landings.

Year	F	SSB(mt)	R(1000)	D(1000)	D(klb)	L(1000)	L(klb)	Sum L(klb)
2010	0.32	22.67	325	65	346	0	0	0
2011	0.199	27.74	338	33	56	31	365	365
2012	0.199	31.29	373	41	77	45	464	829
2013	0.199	35.14	394	44	86	52	525	1354
2014	0.199	39.3	414	47	92	59	589	1942
2015	0.199	43.79	432	50	96	64	649	2592
2016	0.199	48.58	449	52	101	69	710	3302
2017	0.199	53.72	466	54	105	74	772	4074
2018	0.199	59.15	481	56	109	79	835	4909
2019	0.199	64.76	495	58	112	84	898	5807

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

cc: Roy Crabtree
    David Cupka
    Gregg Waugh
    John Carmichael
    Myra Brouwer