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SEDAR 24 South Atlantic Red Snapper Management Summary

Table 1. General Management Information

Species	Red Snapper (<i>Lutjanus campechanus</i>)
Management Unit	Southeastern US
Management Unit Definition	All waters within South Atlantic Fishery Management Council Boundaries
Management Entity	South Atlantic Fishery Management Council
Management Contacts SERO / Council	Jack McGovern/Rick DeVictor
Current stock exploitation status	Overfishing
Current stock biomass status	Overfished

Table 2. Specific Management Criteria

The 1998 assessment (Manooch et al. 1998) provided the value of $F_{30\%SPR}$, $F_{40\%SPR}$ and M). SEDAR 15 (2008) updated stock status information for red snapper

Quantity	Units	$F_{40\%}$ Proxy	$F_{30\%}$ Proxy	Status
F_{MSY}	y-1	0.104	0.148	–
SSB_{MSY}	1000 lb	17,863	13,283	–
D_{MSY}	1000 fish	39	54	–
Recruits at F_{MSY}	1000 fish	693	686	–
Y at 65% F_{MSY}	1000 lb	1984	2257	–
Y at 75% F_{MSY}	1000 lb	2104	2338	–
Y at 85% F_{MSY}	1000 lb	2199	2391	–
Y at F_{MSY}	1000 lb	2304	2431	–
MSST	1000 lb	16,470	12,247	–
F_{2006}/F_{MSY}	–	7.67	5.39	Overfishing
SSB_{2006}/SSB_{MSY}	–	0.02	0.03	–
$SSB_{2006}/MSST$	–	0.03	0.04	Overfished

Source: Table 4.1 in Red Snapper Projections V dated March 19, 2009.

Table 3. Stock Rebuilding Information

If the stock is currently under a rebuilding plan, please provide the following details:

Rebuilding Parameter	Value
Rebuilding Plan Year 1	*
Generation Time (Years)	
Rebuilding Time (Years)	
Rebuilt Target Date	
Time to rebuild @ F=0 (Years)	

*Prior to 2006, red snapper was listed as overfished. As such, Amendment 4 (regulations effective January 1992) implemented a rebuilding plan ≤ 15 years beginning in 1991. Red snapper's overfished status was changed to unknown overfished in 2006 because the previous pre-SFA determination of overfished for this stock was based on SPR, which is inadequate to determine the overfished status because it is not biomass-based and therefore does not meet criteria specified in the SFA. Based on the results from SEDAR 17 (2008) red snapper is currently listed as overfished and a new rebuilding plan is being developed in Amendment 17A to the Fishery Management Plan for the Snapper Grouper Fishery of the South Atlantic Region.

Table 4. Stock projection information.

(This provides the basic information necessary to bridge the gap between the terminal year of the assessment and the year in which any changes may take place or specific alternative exploitation rates should be evaluated)

Requested Information	Value
First Year of Management	2011
Projection Criteria during interim years should be based on (e.g., exploitation or harvest)	Fixed Exploitation; Modified Exploitation; Fixed Harvest*
Projection criteria values for interim years should be determined from (e.g., terminal year, avg of X years)	Average of previous 3 years

*Fixed Exploitation would be $F=F_{MSY}$ (or $F<F_{MSY}$) that would rebuild overfished stock to B_{MSY} in the allowable timeframe. Modified Exploitation would be allow for adjustment in $F\leq F_{MSY}$, which would allow for the largest landings that would rebuild the stock to B_{MSY} in the allowable timeframe. Fixed harvest would be maximum fixed harvest with $F\leq F_{MSY}$ that would allow the stock to rebuild to B_{MSY} in the allowable timeframe.

Table 5. Quota Calculation Details

If the stock is managed by quota, please provide the following information

Quota Detail	Value
Current Quota Value	N/A
Next Scheduled Quota Change	N/A
Annual or averaged quota ?	N/A
If averaged, number of years to average	N/A
Other?	N/A

Table 6. Regulatory and FMP History

Description of Action	FMP/Amendment	Effective Date
4" Trawl mesh size and 12" TL minimum size limit	Snapper Grouper FMP	8/31/1983
Prohibit trawls	Snapper Grouper Amend 1	1/12/1989
Required permit to fish for, land or sell snapper grouper species	Snapper Grouper Amend 3	1/31/1991
Prohibited gear: fish traps except bsb traps north of Cape Canaveral, FL; entanglement nets; longline gear inside 50 fathoms; bottom longlines to harvest wreckfish; powerheads and bangsticks in designated SMZs off S. Carolina. Established 20" TL minimum size and a 10 snapper/person/day bag limit, excluding vermilion snapper, and allowing no more than 2 red snappers.	Snapper Grouper Amend 4	1/1/1992
<i>Oculina</i> Experimental Closed Area.	Snapper Grouper Amend 6	6/27/1994
Limited entry program; transferable permits and 225 lb non-transferable permits.	Snapper Grouper Amend 8	12/14/1998
Vessels with longline gear aboard may only possess snowy grouper, warsaw grouper, yellowedge grouper, misty grouper, golden tilefish, blueline tilefish, and sand tilefish.	Snapper Grouper Amend 9	2/24/1999
Approved definitions for overfished and overfishing. $MSST = [(1-M) \text{ or } 0.5 \text{ whichever is greater}] * B_{MSY}$. $MFMT = F_{MSY}$	Snapper Grouper Amend 11	12/2/1999
Extended for an indefinite period the regulation prohibiting fishing for and possessing snapper grouper species within the <i>Oculina</i> Experimental Closed Area.	Snapper Grouper Amend 13A	4/26/2004
Prohibit harvest and possession of red snapper from January 4, 2010 to June 2, 2010. Can be extended for 186 days.	Red Snapper Interim Rule	12/4/2009

Table 7. Annual Regulatory Summary ¹

Effective Date	Commercial Fishery Regulations				Recreational Fishery Regulations				Both/Other
	Size Limit	Trip Limit	Season	Catch Limit	Size Limit	Possession Limit	Season	Catch Target	
8/31/1983	12" TL				12" TL				
1/1/1992	20" TL				20" TL				
1/1/1992						10 snapper/person/day bag limit, excluding vermilion snapper, and allowing no more than 2 red snappers.			
1/2/2010	Commercial and recreational harvest and possession prohibited from 1/4/10 to 6/2/10, and can be extended for 186 days.								

References

Manooch, C.S., III, J.C. Potts, D.S. Vaughan, and M.L. Burton. 1998. Population assessment of the red snapper from the southeastern United States. Fisheries Research. 38:19-32.

SEDAR 15. 2008. Stock Assessment Report 1 (revised March, 2009). South Atlantic Red Snapper. Available from the SEDAR website: www.sefsc.noaa.gov/sedar/