

Reef Fish Amendment 28 Red Snapper Allocation



Management Alternatives

**Gulf Council Meeting
Biloxi, MS – March 31, 2015**

Red Snapper Allocation

- ❖ Structure of Allocation Alternatives
- ❖ Commercial and Recreational Quotas for **2015 only**
- ❖ Quotas for 2016-2017 in Amendment 28

Red Snapper Allocation

Alternative 1 (Status quo): commercial and recreational allocations remain at **51%** and **49%** of the red snapper quota, respectively.

❖ 2015 Red Snapper quota: **14.30 million pounds**

- Commercial Allocation: 7.293 mp
- Recreational Allocation: 7.007 mp

Reallocation Alternatives

Reallocation of the red snapper quota based on:

- **Preset Percentages of the Quota**
 - Alternatives 2, 3 and 4

- **Quota Increases above a predetermined threshold**
 - Preferred Alternative 5, Alternatives 6 and 7

- **Changes in Recreational Data**
 - Alternatives 8 and 9

Reallocation Alternatives

Preset Percentages of the Quota

Alternative 2: Increase the recreational quota by **3 percent**

Commercial Allocation	48%	6.864 mp
Recreational Allocation	52%	7.436 mp

Alternative 3: Increase the recreational quota by **5 percent**

Commercial Allocation	46%	6.578 mp
Recreational Allocation	54%	7.722 mp

Alternative 4: Increase the recreational quota by **10 percent**

Commercial Allocation	41%	5.863 mp
Recreational Allocation	59%	8.437 mp

Reallocation Alternatives

Quota Increases above Threshold

Alternative 5: If the quota is less than or equal to **9.12 mp**, maintain the status quo allocation. If the quota is greater than 9.12 mp, allocate **75% of the amount in excess** of 9.12 mp to the recreational sector and **25%** to the commercial sector.

For a **14.3 mp quota**, amount in excess of 9.12 mp = 5.18 mp
75% of amount in excess = **3.885 mp**; 25% = **1.295 mp**

Commercial Allocation = (51% of 9.12 mp) + (1.295 mp)

Recreational Allocation = (49% of 9.12 mp) + (3.885 mp); resulting in

Commercial Allocation	41.6%	5.946 mp
Recreational Allocation	58.4%	8.354 mp

Reallocation Alternatives

Quota Increases above Threshold

Alternative 6: If the quota is less than or equal to **9.12 mp**, maintain the status quo allocation. If the quota is greater than 9.12 mp, allocate **100% of the amount in excess** of 9.12 mp to the recreational sector.

For a **14.3 mp quota**, amount in excess of 9.12 mp = **5.18 mp**

Commercial Allocation = (51% of 9.12 mp)

Recreational Allocation = (49% of 9.12 mp) + (5.18 mp); resulting in

Commercial Allocation	32.5%	4.651 mp
Recreational Allocation	67.5%	9.649 mp

Reallocation Alternatives

Quota Increases above Threshold

Alternative 7: If the quota is less than or equal to **10.0 mp**, maintain the status quo allocation. If the quota is greater than 10.0 mp, allocate **75% of the amount in excess** of 10.0 mp to the recreational sector and **25%** to the commercial sector.

For a **14.3 mp quota**, amount in excess of 9.12 mp = 4.3 mp
75% of amount in excess = **3.225 mp**; 25% = **1.075 mp**

Commercial Allocation = (51% of 10.0 mp) + (1.075 mp)

Recreational Allocation = (49% of 10.0 mp) + (3.225 mp); resulting in

Commercial Allocation	43.2%	6.175 mp
Recreational Allocation	56.8%	8.125 mp

ABCs for the Base Model and Sensitivity Runs

Table 2. ABC (retained yield in million of lbs whole weight) for the base model and two sensitivity runs.

Year	BASE	Pre MRIP Recalibration	Pre MRIP Recalibration No Sel Block
2015	14.29	13.63	11.97
2016	13.96	13.27	11.59
2017	13.75	13.03	11.43

This is an excerpt from the SEFSC Report on Sensitivity Runs to Evaluate The Effect of Recalibrated Recreational Removal and Recreational Selectivity. The original table covers the years 2015 to 2032. The full report is included in Amendment 28

Reallocation Alternatives

Changes in Recreational Data

Alternative 8: Allocate quota amounts attributable to recalibration of **MRIP** catch estimates to the recreational sector

2015 ABCs in Table 2 in SEFSC Report (Appendix H in RF 28):

Base ABC (with MRIP and Selectivity Change) = **14.3 mp**

Pre MRIP ABC (with Selectivity Change) = **13.63 mp**

Amount due to MRIP Recalibration = $14.3 - 13.63 = 0.67$ mp

Commercial Allocation = (51% of 13.63 mp)

Recreational Allocation = (49% of 13.63 mp) + 0.67 mp;

Commercial Allocation	48.6%	6.951 mp
Recreational Allocation	51.4%	7.349 mp

Reallocation Alternatives

Changes in Recreational Data

Alternative 9: Allocate quota amounts attributable to recalibration of **MRIP** catch estimates and to changes in size selectivity to the recreational sector

2015 ABCs in Table 2 in SEFSC Report (Appendix H in RF 28):

Base ABC (with MRIP and Selectivity Change) = **14.3 mp**

Pre MRIP No Selectivity Change ABC = **11.97 mp**

Amount due to MRIP & Sel. = $14.3 \text{ mp} - 11.97 \text{ mp} = 2.33 \text{ mp}$

Commercial Allocation = (51% of 11.97 mp)

Recreational Allocation = (49% of 11.97 mp) + 2.33 mp;

Commercial Allocation	42.7%	6.105 mp
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Recreational Allocation	57.3%	8.195 mp
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Questions ?