NGOM TAC OPTIONS
Scallop FW28

Motion #7: Griffin/Hughes (from Sept. 14 Scallop Committee Meeting)

> The Scallop Committee tasks the PDT to analyze the range of quartile values at F=0.2 from q.1 to q.25 for the NGOM TAC in FW28.

Rationale: The ME DMR survey indicates that the biomass has increased in the NGOM area, and this approach expands the range of potential choices the Council will have when setting the NGOM TAC. The Committee discussed revisiting these numbers again before final action to potentially narrow the range of alternatives in the FW28.

The motion carried on a show of hands. (6-0-0)

- Based on the Committee tasking motion, the Scallop PDT developed a range of potential NGOM TAC values at F=0.2 (10th, 15th, 20th, and 25th percentiles). *See Table 4.*
- The NGOM hard TAC would be set using biomass estimates from the 2016 survey and FY 2016 landings data from the LAGC IFQ, LAGC NGOM, and LA components. The TAC would be determined by multiplying the ratio of General Category/Limited Access landings with a range of biomass estimates using an F=0.2, and a dredge efficiency equal to 0.4. General category catch by IFQ and NGOM permits accounted for 23% of the landings attributed to the NGOM management area in FY 2016. With respect to biomass estimates, the scallop PDT recommended using values no higher than the 25th quartile. Four sub-options have been developed in this action.
- The PDT noted that overages in FY2015 and 2016 will result in a ~20,000lb overage. *See Table 5.* The accountability measure for this overage is a pound for pound payback off the TAC in the proceeding FY. In practice, this means that the actual TAC the fishery can work on will be ~20,000lbs less than the TAC that the Council recommends in November. *See Table 6* for the potential range of realized NGOM TACs in FY2017.
- The PDT has recommended that the realized TAC (after overage payback) be set at a level that does not amount to a reduction for the General Category fishery given the 2016 survey results. The PDT has also recommended that increases in the TAC should be based on survey results and the ratio of General Category to Limited Access landing in the area.
- The biomass estimates should be viewed as general estimates and not taken as point estimates.

- There are currently five NGOM TAC options in FW28.
    - FW28 TAC range is from 70,000lbs to 110,000lbs.
    - Realized TAC range after payback for FY2017 is from 50,000lbs to 90,000lbs.
- After analyzing the range of TAC options, the PDT is recommending that the Committee consider fewer options in FW28 given the relative difference between some options (~7,000 lbs). The PDT discussed 70,000lbs, 95,000lbs, and 110,000lbs as potential options.
    - Input from industry in Sept. suggesting 100,000lb TAC (80,000lbs after overage).

Are there recommendations/input on the range of NGOM TAC alternatives to be included in FW28?

All values in pounds (Note status quo for FY2017 would be 70,000 lbs)

Table 1 - FY2016 Landings Informations

	LAGC IFQ	LAGC NGOM	LA	Total NGOM
2016 Landings	24,840	62,263	291,232	378,335
% 2016 Landings	7%	16%	77%	100%

Table 2 - Ratio of FY2016 Landings between LAGC permits and Limited Access Component

	LAGC IFQ/NGOM	LA	Total NGOM
2016 Landings	87,103	291,232	378,335
% 2016 Landings	23%	77%	100%

Table 3 - Range of 2016 NGOM survey results, w/ dredge efficiency of 0.4 for animals >88.9mm (F=0.2)

ME DMR Survey Results	
q 0.10	350,364
q 0.15	411,048
q 0.20	448,853
q 0.25	480,428

Table 4 - Potential Range of 2017 NGOM TACS based on survey results and FY2016 landings data

Potential Range of 2017 NGOM TACS			
	GC IFQ/NGOM (23%)	LA (77%)	Total NGOM
q 0.10	**80,663**	269,701	350,364
q 0.15	**94,634**	316,414	411,048
q 0.20	**103,338**	345,515	448,853
q 0.25	**110,608**	369,820	480,428

Table 5 - Recent LAGC NGOM TAC overages

2016 NGOM Overage	2015 NGOM Overage	Total Overage
17,103	2,546	19,649

Table 6 - Potential range of actual NGOM TACs after overage is accounted for.

Realized 2017 NGOM TAC after overage is accounted for.	
	LAGC IFQ/NGOM
q 0.10	61,014
q 0.15	74,985
q 0.20	83,689
q 0.25	90,959