

Northern Gulf of Maine TAC Options

November 15, 2019

Motion 7: Smith/Patterson

Move to develop NGOM TAC options in FW32 using the following approach:

- Maintain the same approach to TAC setting in the NGOM in 2020 and 2021 for the LA and LAGC components that was developed and implemented through FW29.
- Develop TAC options based on fishing the following NGOM areas at $F=0.18$, $F=0.2$ and $F=0.25$
 - Ipswich Bay
 - Jeffrey's Ledge

Rationale: These areas are the most likely to be fished in 2020. Survey results did indicate some recruitment within Jeffrey's, so the harvestable biomass may not be easily targeted. This range of F rates are consistent with previous analyses and maintain the conservative intent with setting the NGOM TAC.

The motion carried on a show of hands (7-0-0).

Table 1 - Combined landings projections at varying F using 2019 survey data from Jeffrey's Ledge and Ipswich Bay. Values in mt.

Alternative in FW32	F_{TARGET}	FY2020	FY2021
A2, Sub1	$F=0.18$	142.26	110.65
A2, Sub2	$F=0.20$	158.07	120.71
A2, Sub3	$F=0.25$	197.59	144.14

Table 2 - Rounded TAC Options (in pounds) at varying F target rates in NGOM.

Alternative in FW32	F_{TARGET}	FY2020 TAC	FY2021 TAC
A2, Sub1	$F=0.18$	310,000	240,000
A2, Sub2	$F=0.20$	350,000	265,000
A2, Sub3	$F=0.25$	435,000	320,000

Table 3 - Range of LAGC and LA/RSA TAC options in FW32. Values in pounds.

Alternative in FW32	F_{TARGET}	FY 2020 TAC	LA/RSA TAC	LAGC TAC
Alt. 1	No Action	170,000	50,000	120,000
A2, Sub1	$F=0.18$	310,000	120,000	190,000
A2, Sub2	$F=0.20$	350,000	140,000	210,000
A2, Sub3	$F=0.25$	435,000	182,500	252,500

The 2019 NGOM TAC was 205,000 lbs. LAGC share was 137,500 lbs, and LA share was 67,500 lbs.