

Summary of FW32 Specification Alternatives Under Consideration

The Scallop Committee developed a rotational management scenario for FW32 with three options for spatial closures on Eastern Georges Bank that impact where vessels can use their open area DAS. The Committee also requested that alternatives for these spatial management configurations include three DAS fishing options: 20 DAS, 22 DAS, and 24 DAS for FT LA vessels. Spatial management configurations for these three alternatives are illustrated in Map 2, Map 3, and Map 4. This document provides preliminary economic and biological impact tables.

The rotational management scenario would allocate a total of six access area trips, four would be 18,000 pound allocations, along with two ½ trips (9,000 pound allocations). Access areas open to the fishery under this scenario would be: The Mid-Atlantic Access Area (2 FT LA trips), Closed Area II Access Area (1 FT LA trip), Closed Area I Access Area (1/2 FT LA FLEX trip), and the Nantucket Lightship North Access Area (1/2 FT LA trips), and the Nantucket Lightship South Deep Access Area (1 FT LA trip). Flex allocation to CAI can be fished in either CAI or the MAAA. The trip limit for all areas would be 18,000 pounds.

Table 1 - Summary of F rates, FT LA DAS, and allocations under each specification scenario.

FW32 Alt.	Description	Overall F rate	FT DAS	Open area F	Annual Projected Landings (APL)	APL w/ set-asides removed	LA Share (94.5%)	LAGC IFQ Share (5.5%)
4.3.1	No Action	0.061	18	0.24	27,593,057	25,292,158	23,901,089	1,391,069
4.3.2.1	CAII ext Open 20 DAS	0.18	20	0.24	48,633,975	46,333,076	43,784,757	2,548,319
4.3.2.2	CAII ext Open 22 DAS	0.183	22	0.27	50,353,581	48,052,682	45,409,784	2,642,897
4.3.2.3	CAII ext Open 24 DAS	0.189	24	0.3	52,046,731	49,745,832	47,009,811	2,736,021
4.3.3.1	CAII ext Closed 20 DAS	0.177	20	0.27	48,307,691	46,006,792	43,476,418	2,530,374
4.3.3.2	CAII ext Closed 22 DAS	0.18	22	0.3	49,972,181	47,671,282	45,049,361	2,621,921
4.3.3.3	CAII ext Closed 24 DAS	0.182	24	0.33	51,619,034	49,318,135	46,605,638	2,712,497
4.3.4.1	SF & CAII ext Closed 20 DAS	0.171	20	0.3	46,693,907	44,393,008	41,951,393	2,441,615
4.3.4.2	SF & CAII ext Closed 22 DAS	0.175	22	0.34	48,208,483	45,907,584	43,382,667	2,524,917
4.3.4.3	SF & CAII ext Closed 24 DAS	0.18	24	0.38	49,696,603	47,395,704	44,788,940	2,606,764

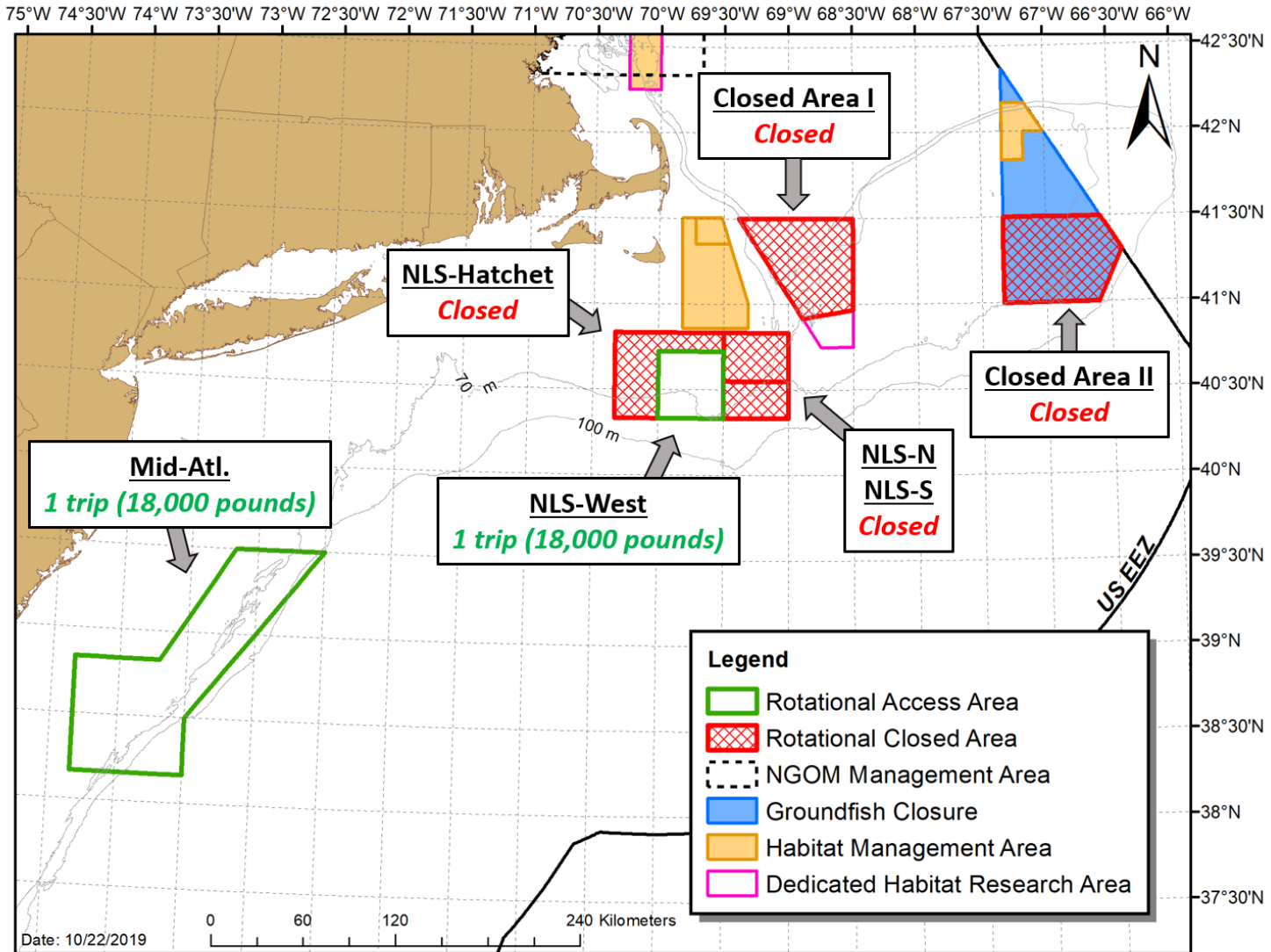
Table 2 - Economic Impacts for 2020: Estimated landings (Mill.lb.), revenue and economic benefits (Mill. \$, in 2019 dollars)

FW Alt.	4.3.1	4.3.2.1	4.3.2.2	4.3.2.3	4.3.3.1	4.3.3.2	4.3.3.3	4.3.4.1	4.3.4.2	4.3.4.3
	No Action	CAII ext Open 20 DAS	CAII ext Open 22 DAS	CAII ext Open 24 DAS	CAII ext Closed 20 DAS	CAII ext Closed 22 DAS	CAII ext Closed 24 DAS	SF & CAII ext Closed 20 DAS	SF & CAII ext Closed 22 DAS	SF & CAII ext Closed 24 DAS
Values/ RUN	NA	xop20	xop22	xop24	xcl20	xcl22	xcl24	sfc20	sfc22	sfc24
Landings mil lbs	27.6	48.6	50.4	52.0	48.3	50.0	51.6	46.7	48.2	49.7
Price	\$10.15	\$9.59	\$9.51	\$9.44	\$9.59	\$9.51	\$9.44	\$9.62	\$9.56	\$9.49
Revenue	\$280.1	\$466.2	\$479.0	\$491.4	\$463.1	\$475.4	\$487.4	\$449.4	\$460.7	\$471.6
Producer Surplus	\$201.7	\$368.1	\$378.5	\$388.5	\$365.0	\$374.9	\$384.5	\$351.3	\$360.1	\$368.6
Consumer Surplus	\$9.2	\$38.7	\$41.0	\$43.3	\$38.6	\$40.8	\$43.1	\$36.8	\$38.9	\$40.9
Total Benefits	\$210.9	\$406.8	\$419.5	\$431.8	\$403.6	\$415.7	\$427.6	\$388.1	\$399.0	\$409.5

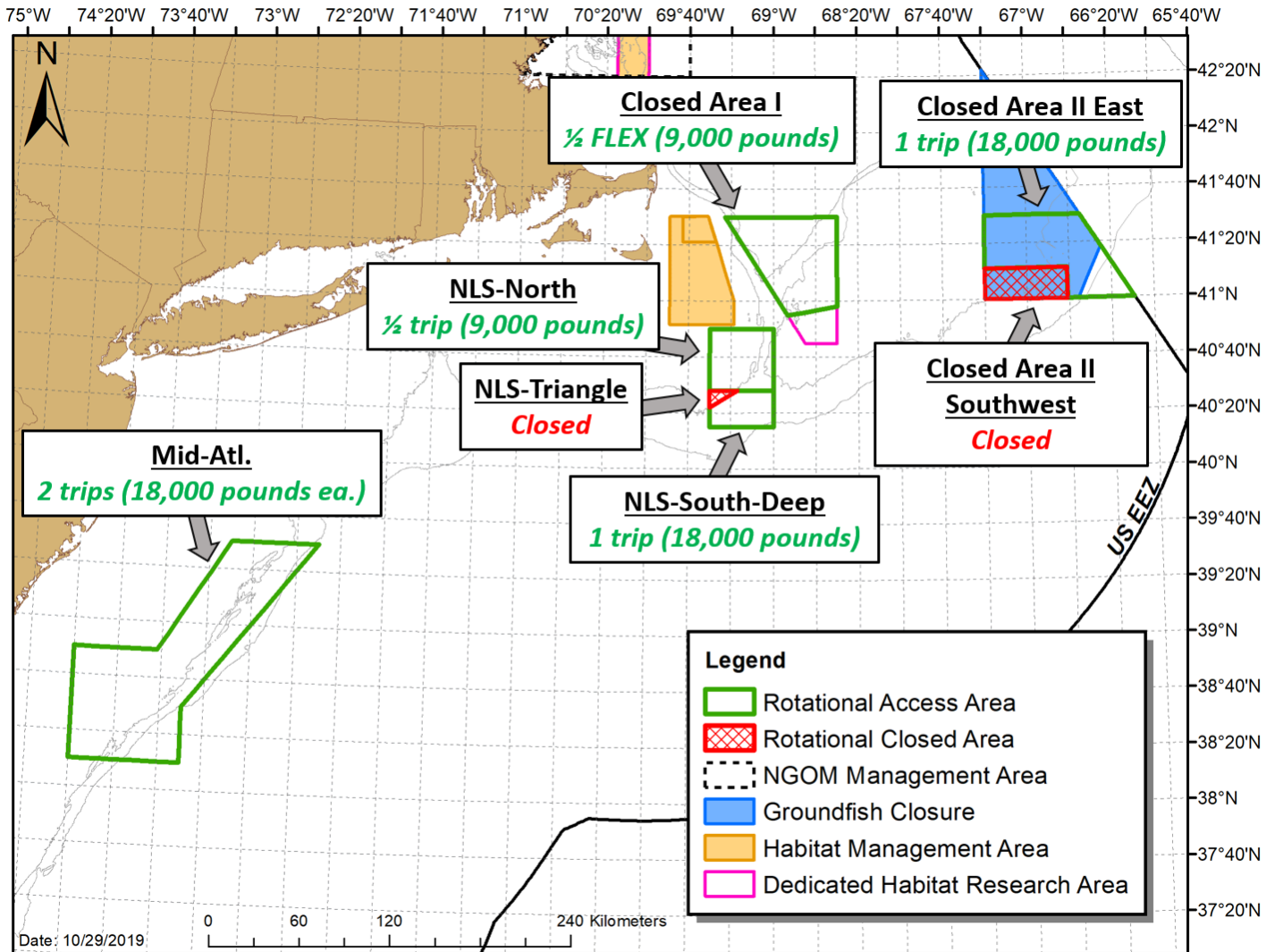
Table 3 - Summary of F rates, LPUE, area swept, and allocations under each specification scenario.

FW32 Alternative	Description	Overall F rate	Open Area F	Open Area LPUE	Overall LPUE	Bottom Area Swept (km²)	Projected Landings	LAGC IFQ Share (5.5%)
4.3.1	No Action	0.061	0.24	2512	2659	2832	27,593,057	1,391,069
4.3.2.1	CAII ext Open 20 DAS	0.18	0.24	2532	3005	2399	48,633,975	2,548,319
4.3.2.2	CAII ext Open 22 DAS	0.183	0.27	2520	2980	2591	50,353,581	2,642,897
4.3.2.3	CAII ext Open 24 DAS	0.189	0.3	2509	2956	2790	52,046,731	2,736,021
4.3.3.1	CAII ext Closed 20 DAS	0.177	0.27	2486	2984	2583	48,307,691	2,530,374
4.3.3.2	CAII ext Closed 22 DAS	0.18	0.3	2473	2957	2803	49,972,181	2,621,921
4.3.3.3	CAII ext Closed 24 DAS	0.182	0.33	2459	2931	3034	51,619,034	2,712,497
4.3.4.1	SF & CAII ext Closed 20 DAS	0.171	0.3	2261	2882	2849	46,693,907	2,441,615
4.3.4.2	SF & CAII ext Closed 22 DAS	0.175	0.34	2248	2850	3108	48,208,483	2,524,917
4.3.4.3	SF & CAII ext Closed 24 DAS	0.18	0.38	2235	2819	3380	49,696,603	2,606,764

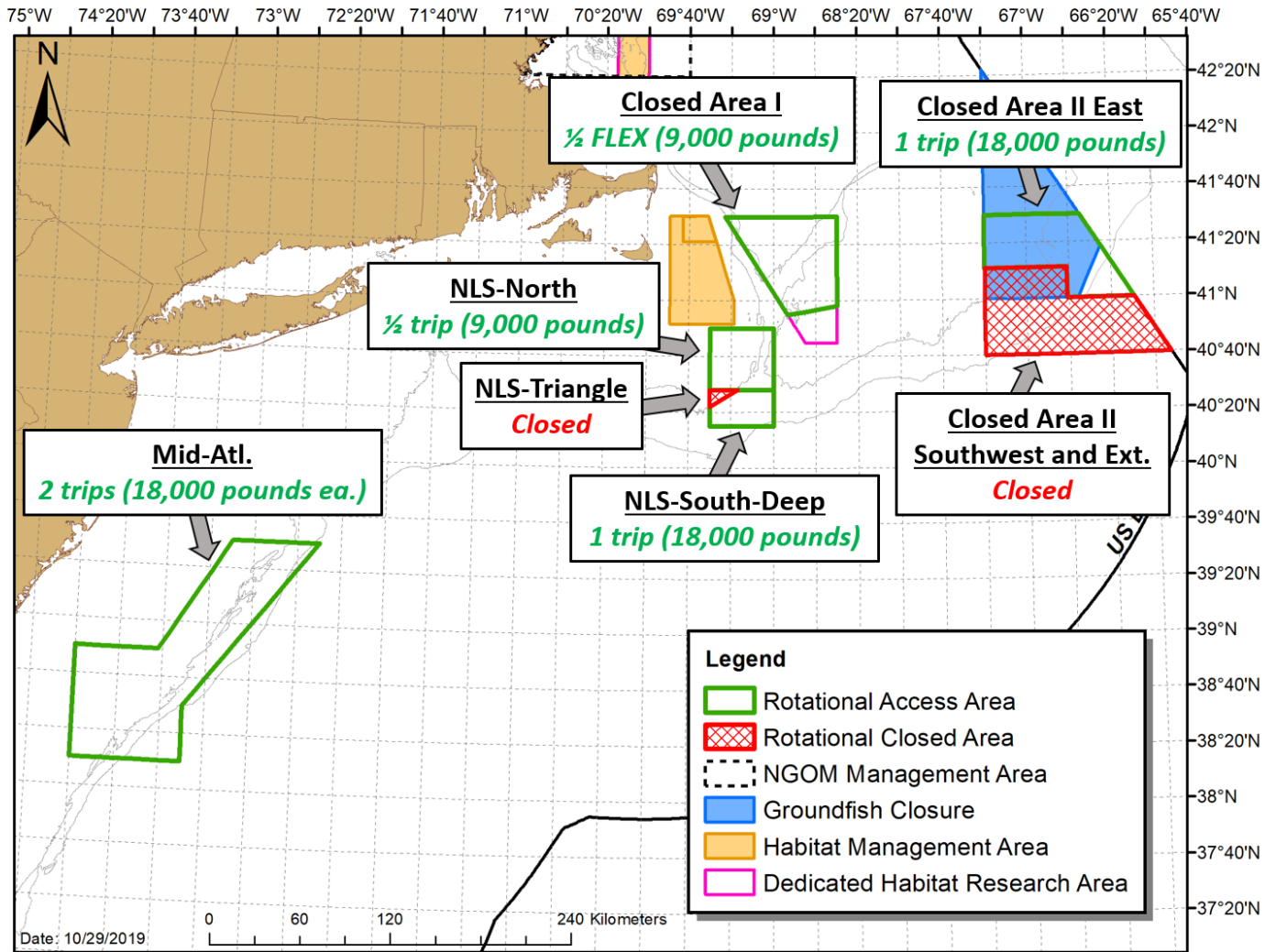
Map 1 – Spatial management under Alternative 1 No Action (default measures from FW30).



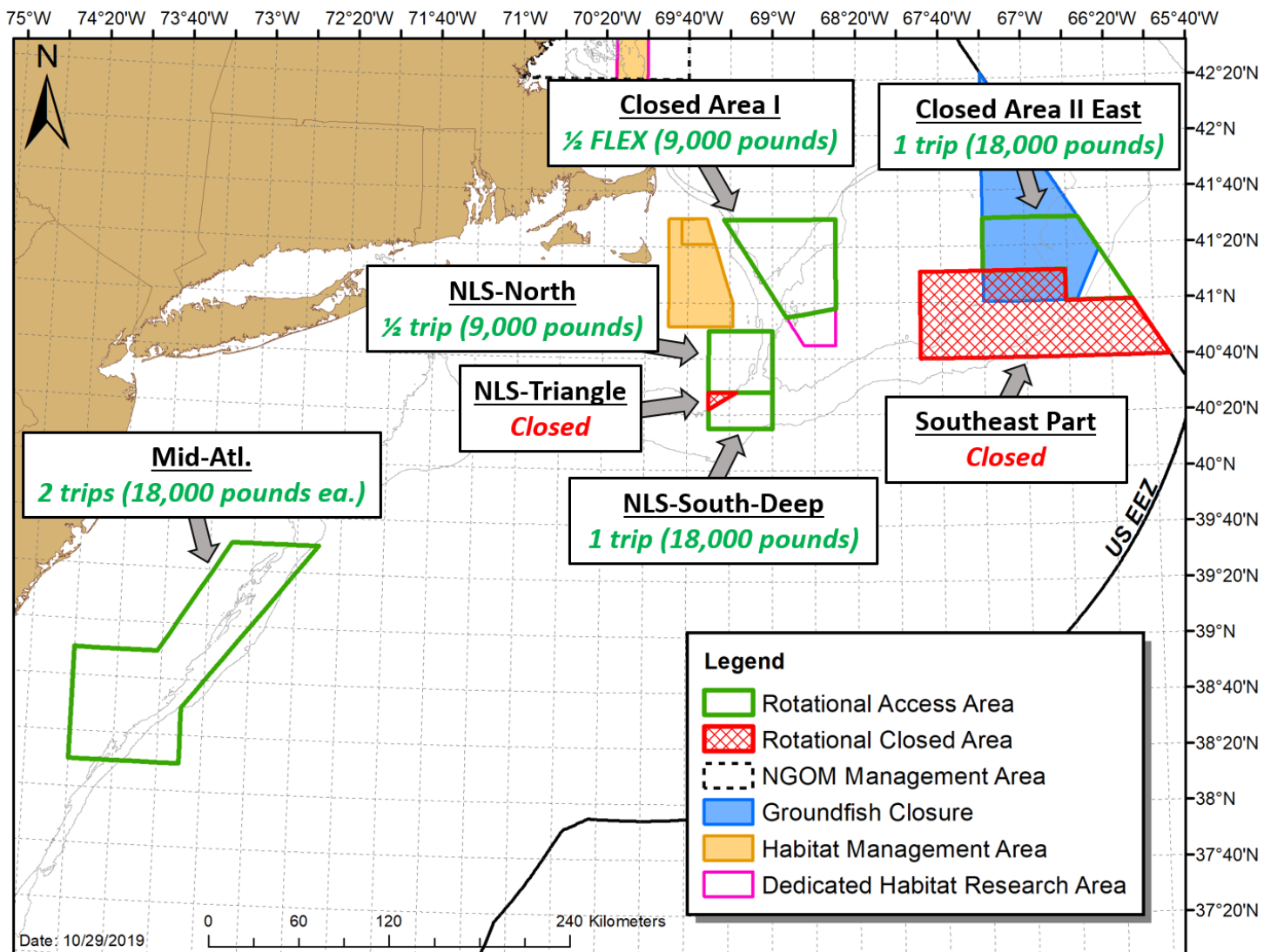
Map 2 – Spatial management under Alternative 2 (six trip option with Closed Area II Southwest closure and the CAII-ext OPEN).



Map 3 – Spatial management under Alternative 3 (six trip options with Closed Area II Southwest and Extension closure).



Map 4 – Spatial management under Alternative 4, 3.4.3 (six trip option with Southeast Part closure).



Map 5 – Spatial management under Alternative 5 (Status Quo from FW30).

