

Scallop fishery effort—VMS hours FY2024-2025 (Apr-Jul)

Chandler Nelson

August 27-28, 2025
Buzzards Bay, MA



Overview

- FY2024 and FY2025 (April – July) VMS hours fished for LA and LAGC IFQ components, by management region and SAMS area.
- 2024 effort focused in CAll, SF, and NYB
 - 4% of all effort outside of SAMS -> focused in Stellwagen, BI, and NF
- 2025 effort focused in CAll, SF, NLS, and LI
 - 44% of LAGC effort outside of SAMS -> focused in Outer Cape, Stellwagen, NGOM

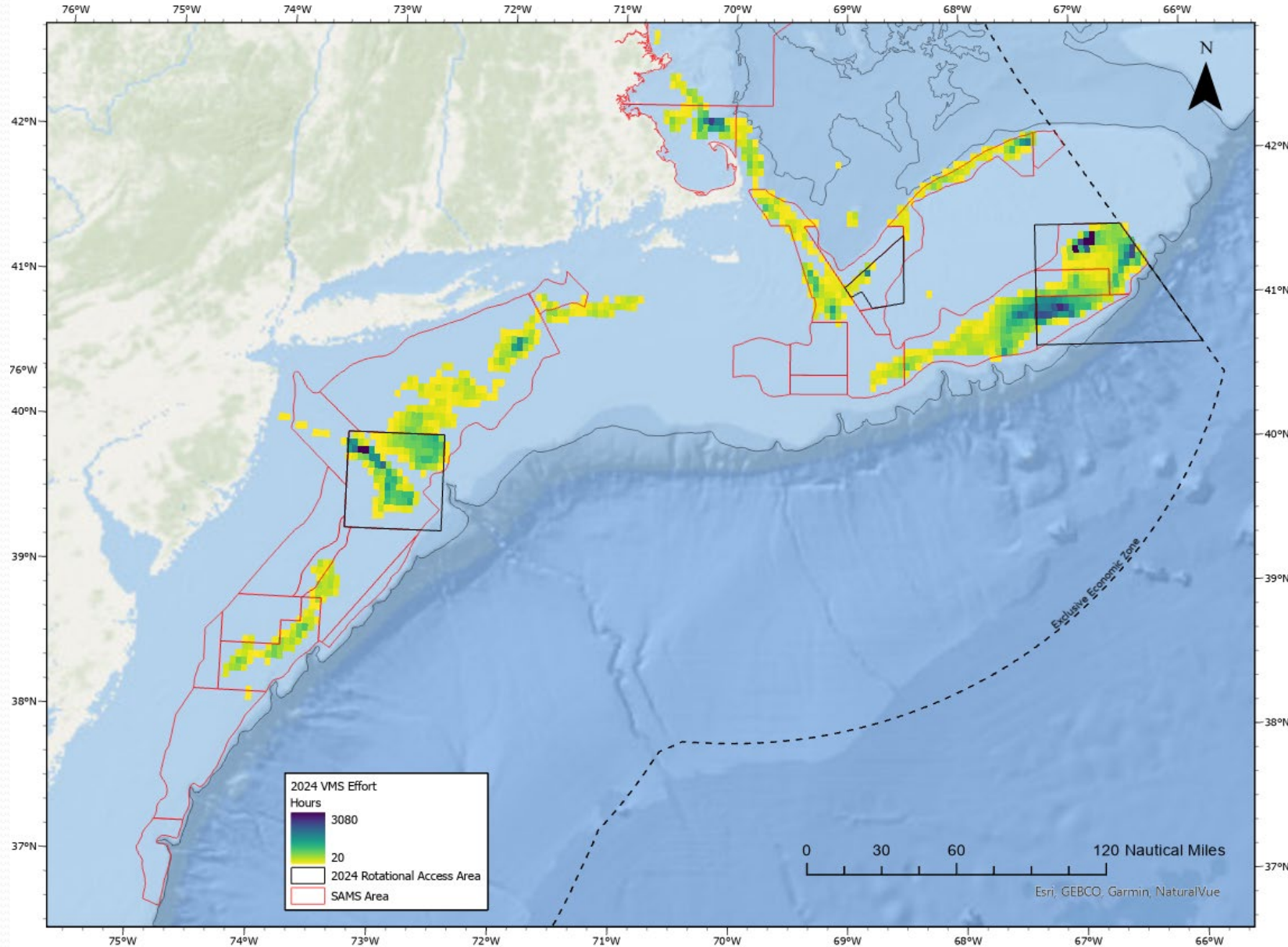
Data used

Source: B. Galuardi (GARFO)

- Data is combined scallop fishery VMS pings for FY2024 and FY2025 (April – July)
- Sum of polls x time (30 min/poll) = total hours
- Maps aggregated at 3 nm squares. Minimum 20 hours in each square.
- 2-5 kt speed filter applied.
- All data within state waters were masked.
- VMS hours were summed by SAMS area using 'Zonal statistics' tool (ArcGIS Pro 3.5).

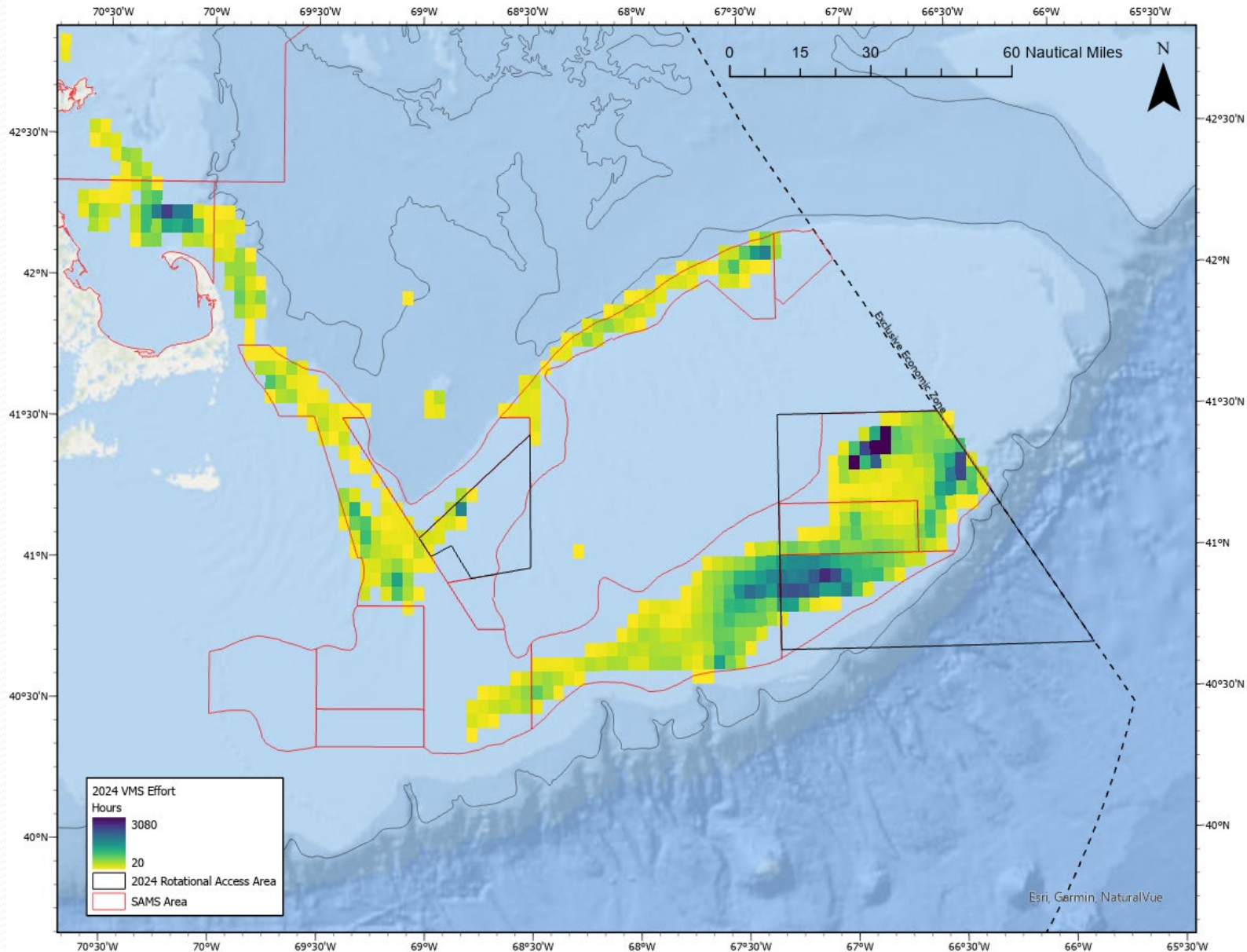
FY24

SAMS Area	VMS Hours	% of Total
GB		
CL2-Access-SE	48778	15%
SF	43926	14%
CL2-Ext	41586	13%
GSC	19860	6%
CL2-Access-SW	11756	4%
NF	10914	3%
CL1-Access	2466	1%
CL2-North	660	<1%
NLS-North	53	<1%
CL1-Sliver	339	<1%
Total	180,338	57%
MAB		
NYB-Closure	58646	19%
LI	26352	8%
ET-Open	11602	4%
HCS	3381	1%
DMV	23	<1%
BI	872	<1%
ET-Flex	299	<1%
NYB-Nearshore	157	<1%
NYB-Interior	812	<1%
Total	102,144	32%
NGOM		
NGOM	18,939	6%
Stellwagen	2,321	1%
Total	21,260	7%
Grand Total	303,743	



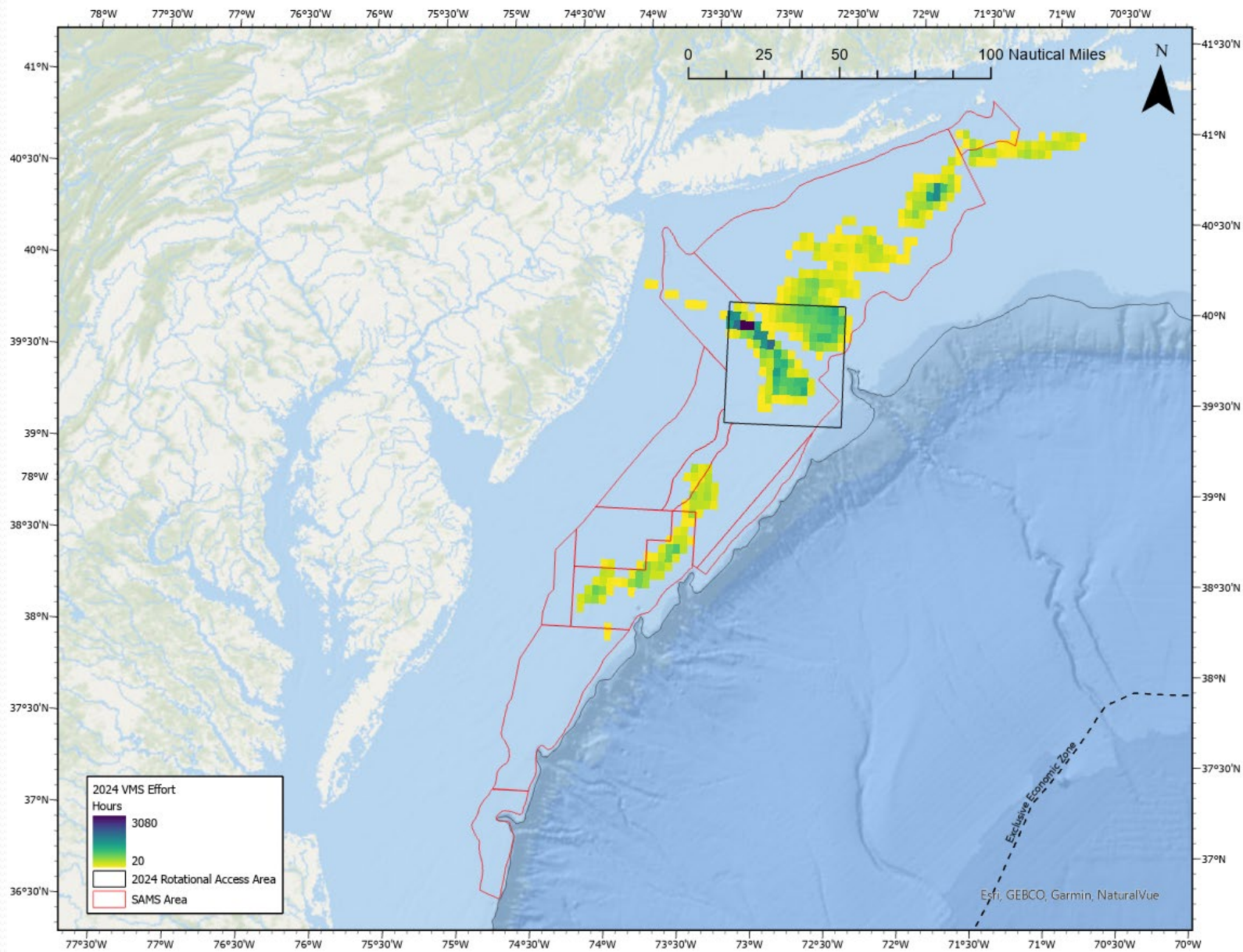
FY24: GB

SAMS Area	VMS Hours	% of Total
CL2-Access-SE	48778	15%
SF	43926	14%
CL2-Ext	41586	13%
GSC	19860	6%
CL2-Access-SW	11756	4%
NF	10914	3%
CL1-Access	2466	1%
CL2-North	660	<1%
NLS-North	53	<1%
CL1-Sliver	339	<1%
Total	180,338	59%



FY24: MA

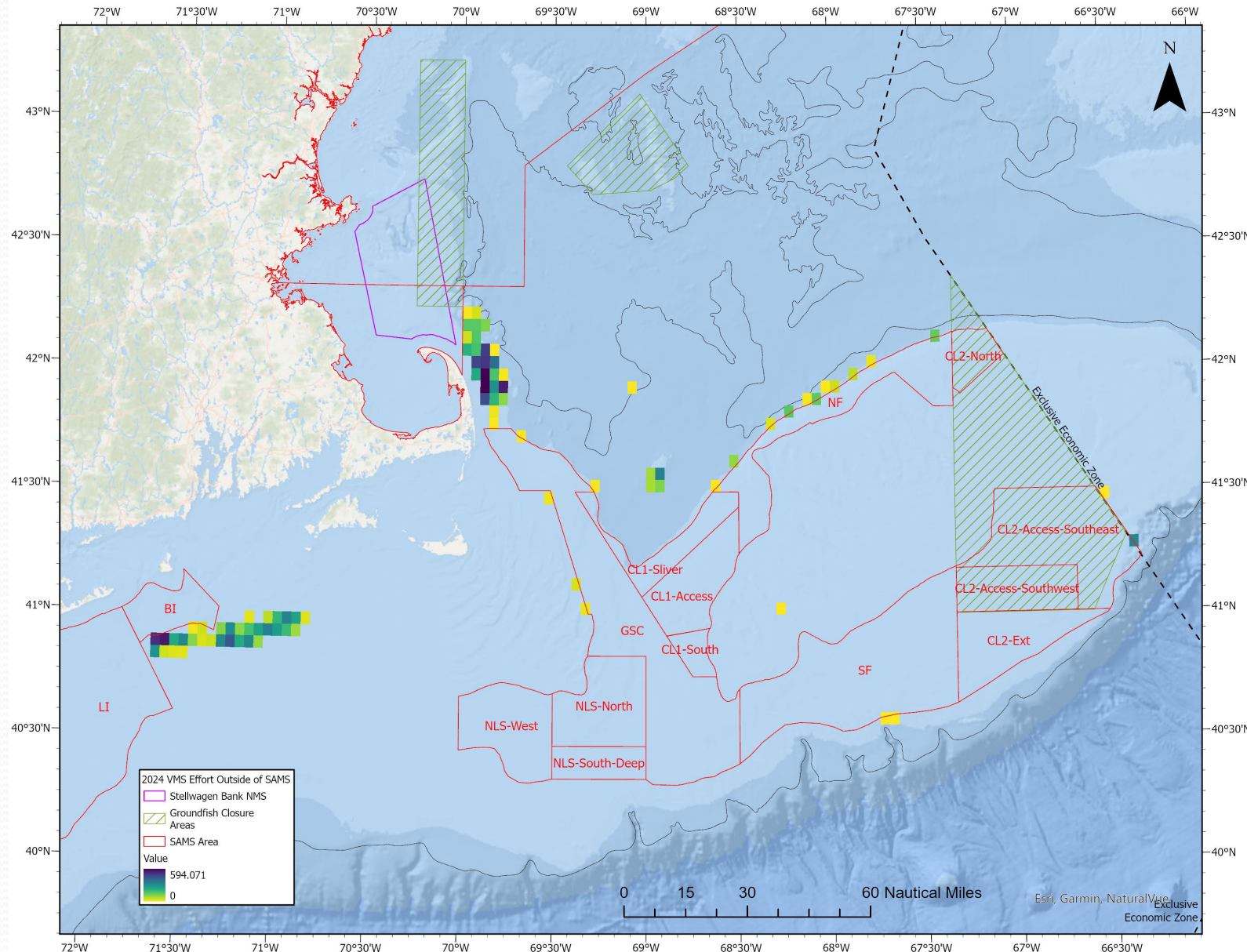
SAMS Area	VMS Hours	% of Total
NYB-Closure	58646	19%
LI	26352	8%
ET-Open	11602	4%
HCS	3381	1%
DMV	23	<1%
BI	872	<1%
ET-Flex	299	<1%
NYB-Nearshore	157	<1%
NYB-Interior	812	<1%
Total	102,144	34%



FY24: Non-SAMS

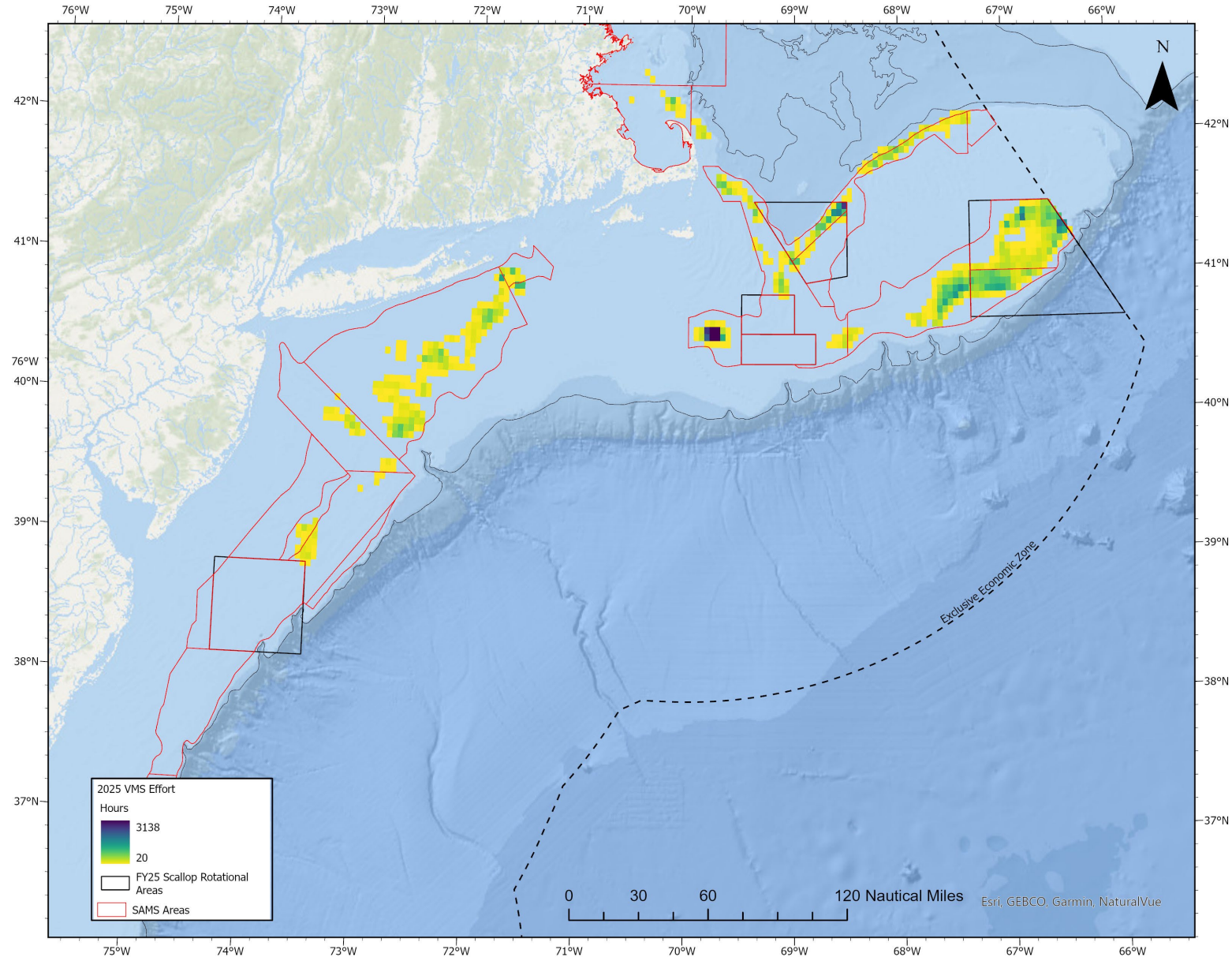
SAMS Area	VMS Hours
LAGC	
Stellwagen	4506
BI	3686
CA1	212
Other	101
Total	8505
LA	
BI	1996
Stellwagen	968
NF	777
Other	495
CA1	346
Total	4581
Grand Total	13086

- 4% of effort occurred outside of SAMS area boundaries.
- 1% of effort occurred in > 55 fathoms



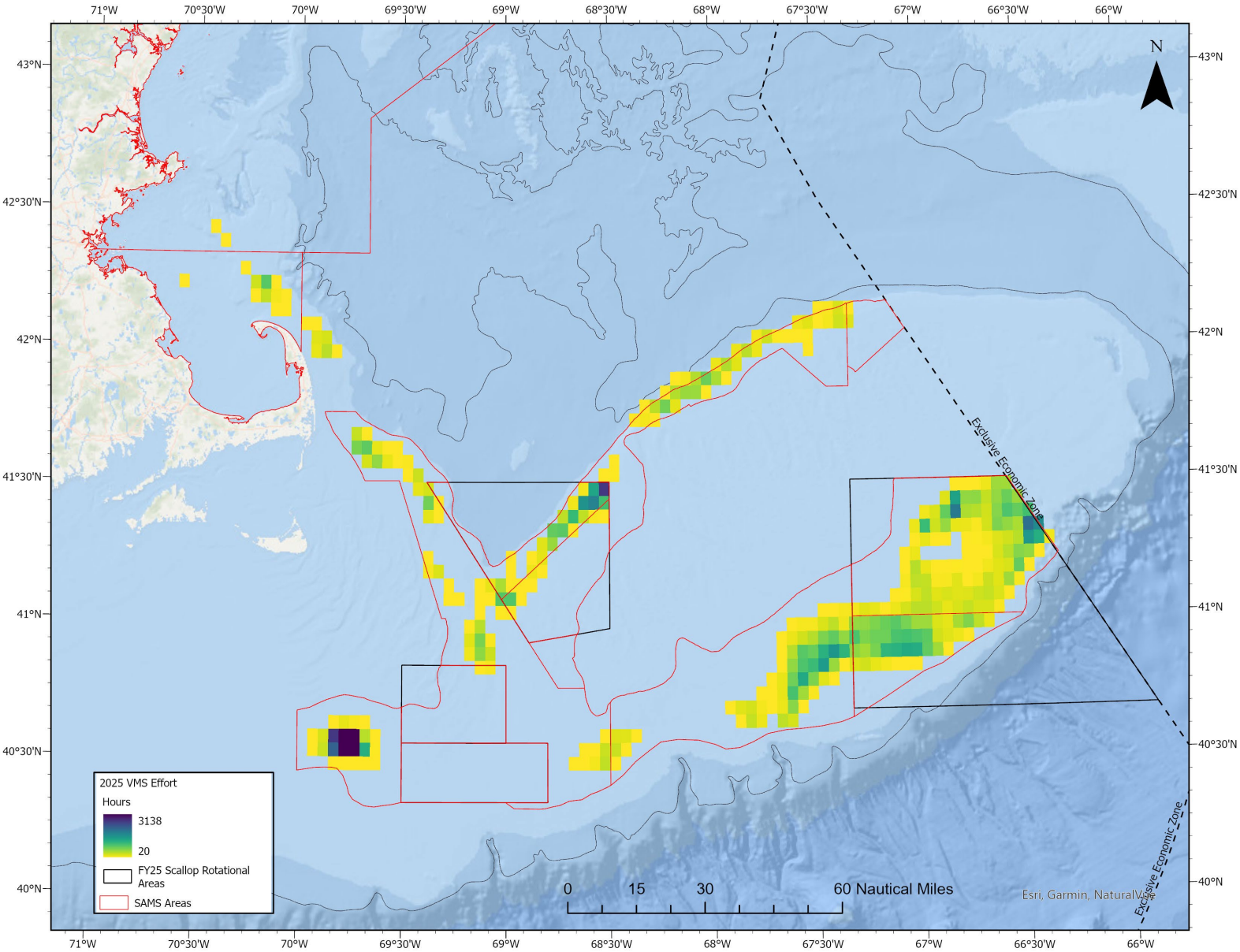
FY25

SAMS Area	VMS Hours	% of Total
GB		
CL2-Access	23,004	20%
NLS-West	13,969	12%
SF	13,558	12%
CL2-Ext	13,299	11%
CL1-Sliver	12,413	11%
GSC	7,134	6%
NF	4,504	4%
CL1-Access	1,055	1%
CL2-North	174	<1%
NLS-North	115	<1%
Total	89,225	77%
MAB		
LI	19,798	17%
NYB	4,047	3%
HCS	1,897	2%
BI	1,618	1%
ET	47	<1%
Total	27,407	23%
Grand Total	116,632	



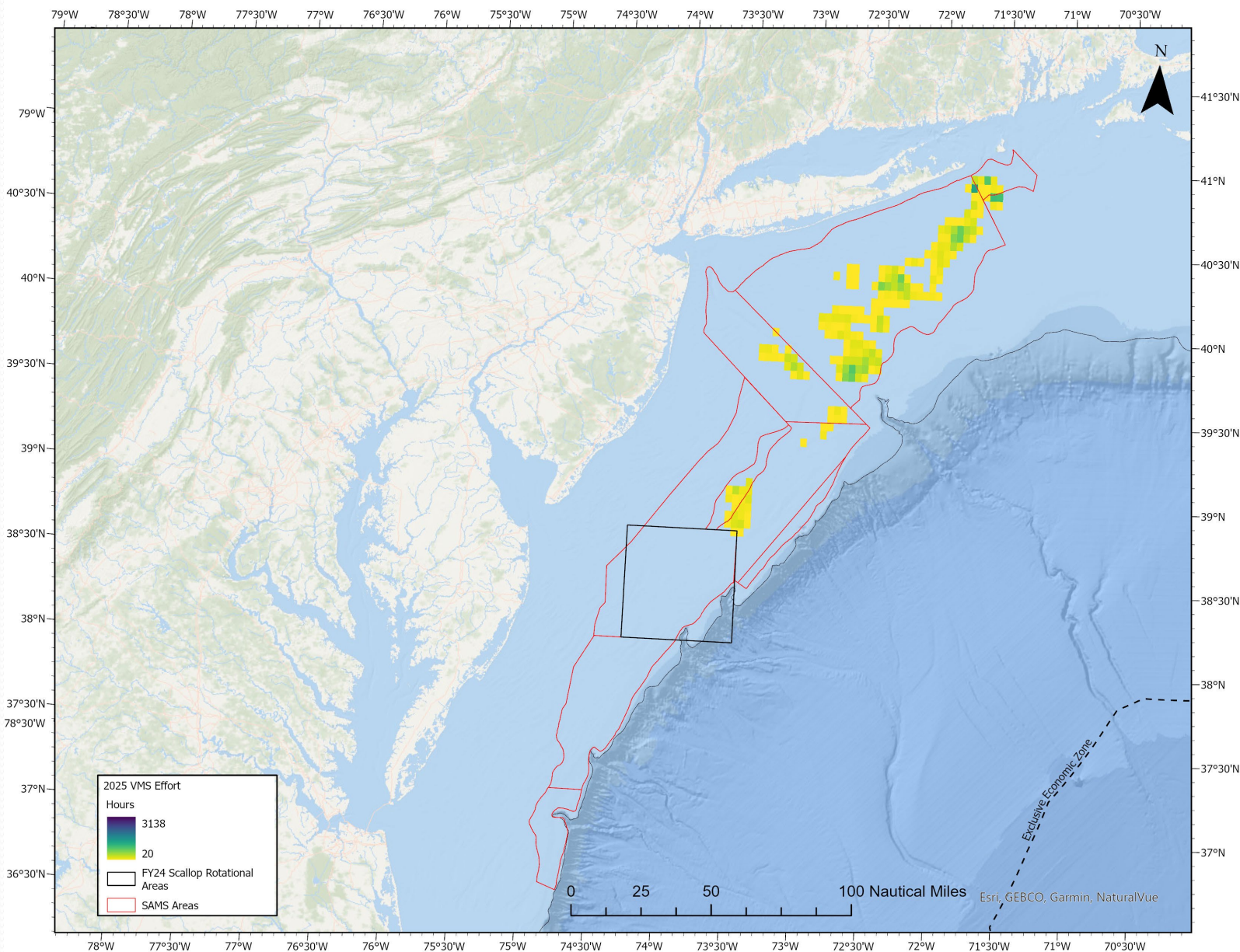
FY25: LA, GB

SAMS Area	VMS Hours	% of Total
CL2-Access	23004	20%
SF	13558	12%
NLS-West	13355	11%
CL2-Ext	13299	11%
CL1-Sliver	7698	7%
GSC	6539	6%
NF	4504	4%
CL1-Access	944	1%
CL2-North	174	<1%
NLS-North	115	<1%
Total:	83190	



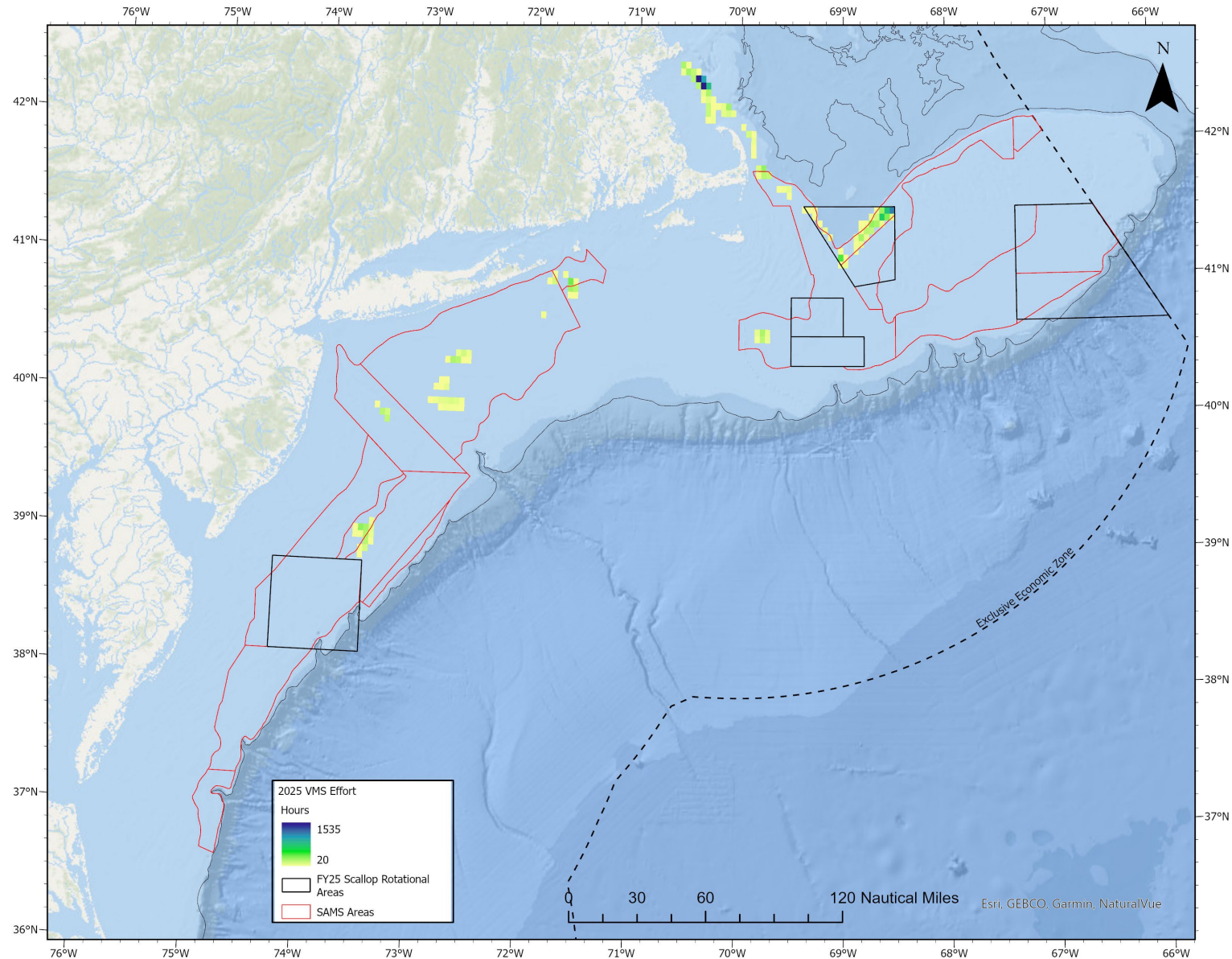
FY25: LA, MA

SAMS Area	VMS Hours	% of Total
LI	18012	15%
NYB	2753	2%
HCS	1360	1%
BI	1175	1%
ET	47	<1%
Total	23347	



FY25: LAGC

- **GB:** concentrated effort in CL1-Access (Specifically CLI-Sliver), some effort in NLS-W
- **MAB:** some effort in NYB, Long Island, and Block Island
- 44% of effort outside of SAMS area boundaries
 - Outer Cape
 - Stellwagen
 - NGOM
 - South of Block Island



Effort by region (LA only)

Region	FY2021	FY2022	FY2023	FY2024	FY2025 (April-July)
GB – Open	90,769 hours (85%)	30,462 hours (64%)	73,079 hours (70%)	112,464 hours (78%)	38,246 hours (62%)
MA – Open	16,037 hours (15%)	17,182 hours (36%)	7,069 hours (30%)	31,240 hours (22%)	23,347 hours (38%)
Total - Open	106,806 hours	47,644 hours	80,148 hours	143,704 hours	62,492
GB – AA	60,386 hours (45%)	37,375 hours	37,544 hours	59,963 hours (55%)	44,944 hours
MA - AA	74,356 hours (55%)	0 hours	0 hours	49,813 hours (%45)	0 hours
Total - AA	134,742 hours	37,375 hours	37,544 hours	109,776 hours	44,944
Georges Bank	151,155 hours (63%)	67,837 hours (80%)	110,633 hours (77%)	172,427 hours (68%)	83,190 hours (78%)
Mid-Atlantic	90,393 hours (37%)	17,182 hours (20%)	7,069 hours (23%)	81,053 hours (32%)	23,347 hours (22%)
Grand Total	241,548 hours	85,019 hours	117,702 hours	253,480 hours	106,537 hours