Complete FY2018 VMS data Sam Asci Council Staff

Scallop PDT—July 24, 2019 Boston, MA



New England Fishery Management Council

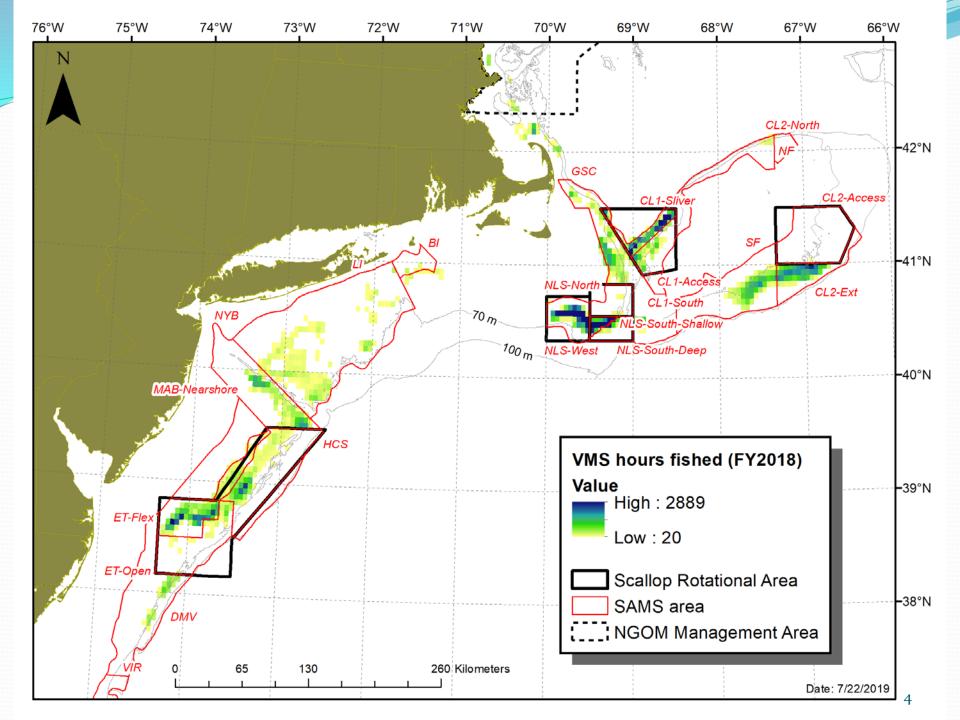
Overview

- Complete FY2018VMS hours fished for LA and LAGC IFQ components, April 1st, 2018 through March 31st, 2019, by region and SAMS area.
- VMS effort outside of SAMS area boundaries was < 2% of grand total
 - Focused primarily north/east of P-Town, the NGOM, and along southern border of BI SAMS.
 - These tables do not include VMS hours from outside of SAMS areas.

Data used

Source: B. Galuardi (GARFO)

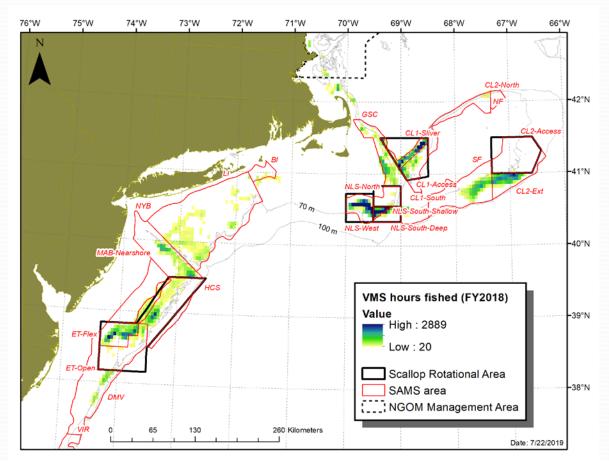
- Data is combined scallop fishery (LA and LAGC) VMS pings from April 2018 – March 2019.
- Sum of polls x time (30 min/poll) = total hours
- Maps aggregated at 3 nm squares. Minimum 20 hours in each square.
- 2-5 kt speed filter applied.
- All data within state waters were masked.
- VMS hours were summed by SAMS area using 'Zonal statistics' tool (ArcMap 10.5).



			% of
Total barres by CARAC	Region/SAMS area	hours t	total
Total hours by SAMS	GB		
	NLS-West	28,212	15.7%
	CL1-Sliver	19,472	10.8%
76°W 75°W 74°W 73°W 72°W 71°W 70°W 69°W 68°W 67°W 66°W	CL2-Ext	18,807	10.4%
	GSC	15,473	8.6%
CL2-North	SF	13,906	7.7%
GSC MARTIN	NLS-South-Shallow	12,662	7.0%
CL1-Sliver CL2-Access	NLS-South-Deep	5,401	3.0%
5∓ 41°N	CL1-Access	4,459	2.5%
NLS-North CL1-Access CL2-Ext	NF	272	0.2%
100 m NLS-West NLS-South-Shallow	NLS-North	251	0.1%
-40°N	CL2-Access	22	0.0%
	MA		
VMS hours fished (FY2018)	ET-Flex	19,040	10.6%
ET-Flex	NYB	14,866	8.3%
Low : 20	HCS	10,508	5.8%
ET-Open Scallop Rotational Area	LI	9,555	5.3%
Composition and a second and a	ET-Open	3,313	1.8%
VIR 0 65 130 260 Kilometers Date: 7/22/2019	DMV	3,096	1.7%
	MAB-Nearshore	479	0.3%
	BI	275	0.2%
	Grand Total	180,069	100.0%

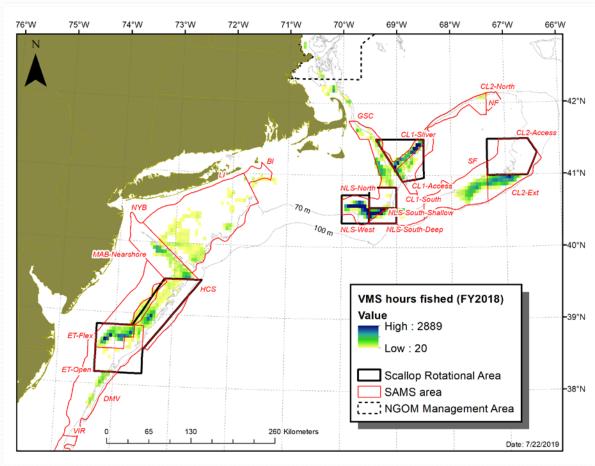
Open area effort

hours	% of total
18,807	24.5%
15,473	20.2%
272	0.4%
13,906	18.1%
275	0.4%
3,096	4.0%
9,555	12.5%
479	0.6%
14,866	19.4%
76,729	100.0%
	18,807 15,473 272 13,906 275 3,096 9,555 479 14,866



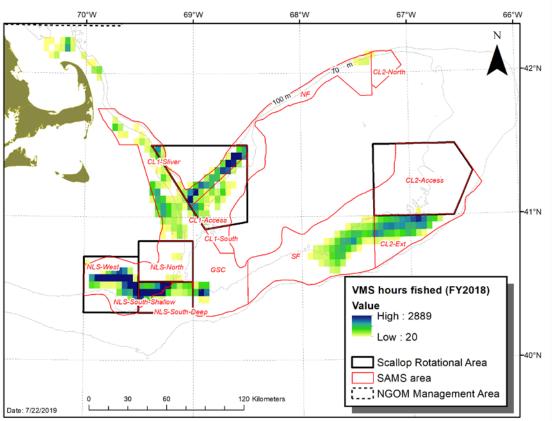
Access area effort

Region/SAMS area	hours	% of total
GB		
CL1-Access	4,459	4.3%
CL1-Sliver	19,472	18.8%
CL2-Access	22	0.0%
NLS-North	251	0.2%
NLS-South-Deep	5,401	5.2%
NLS-South-Shallow	12,662	12.3%
NLS-West	28,212	27.3%
MA		
ET-Flex	19,040	18.4%
ET-Open	3,313	3.2%
HCS	10,508	10.2%
Grand Total	103,340	100.0%



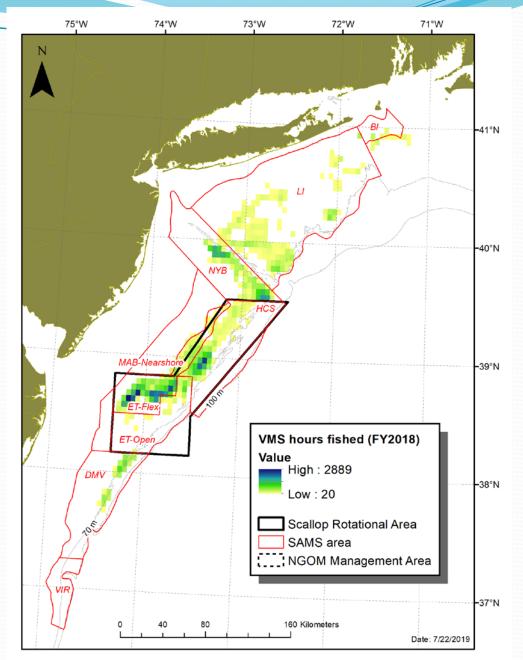
Georges Bank effort

Region/SAMS area	hours	% of total
GB		
NLS-West	28,212	23.7%
CL1-Sliver	19,472	16.4%
CL2-Ext	18,807	15.8%
GSC	15,473	13.0%
SF	13,906	11.7%
NLS-South-Shallow	12,662	10.6%
NLS-South-Deep	5,401	4.5%
CL1-Access	4,459	3.7%
NF	272	0.2%
NLS-North	251	0.2%
CL2-Access	22	0.0%
Grand Total	118,936	100.0%



Mid-Atlantic effort

Region/SAMS area	hours %	6 of total
MA		
ET-Flex	19,040	31.1%
NYB	14,866	24.3%
HCS	10,508	17.2%
LI	9,555	15.6%
ET-Open	3,313	5.4%
DMV	3,096	5.1%
MAB-Nearshore	479	0.8%
BI	275	0.5%
Grand Total	61,133	100.0%

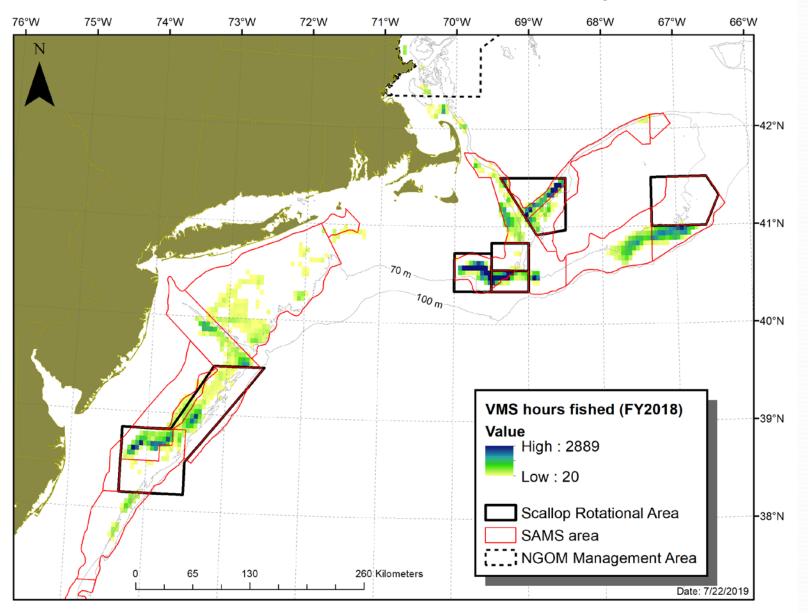


Nantucket Lightship

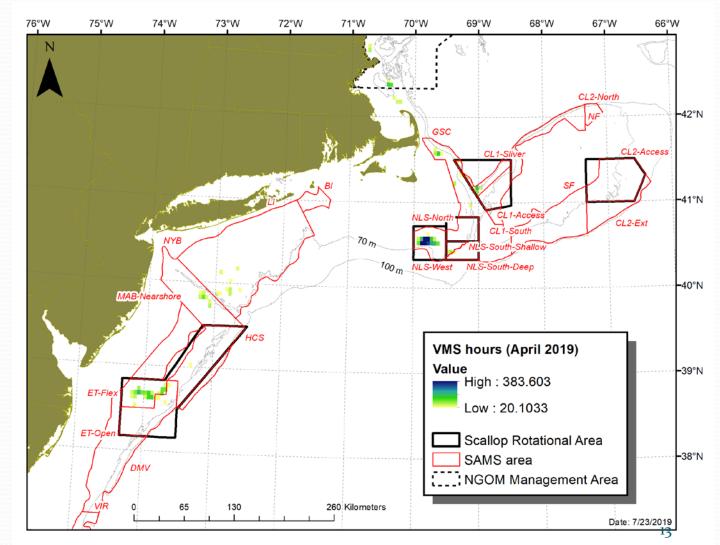
			70°10'W	70°W	69°50'W	69°40'W	69°30'W	69°20'W	69°10'W	69°W	68°50'W	68°40'W	68°30	w
Region/SAMS area		% of total	N								CL1-A	¢.		
GB										لر المراجعة المراجعة مراجعة المراجعة المراج	CL1-5	South		-40°50'
NLS-West	28,212	60.6%							NLS-North			<u> </u>		-40°40'
NLS-South-Shallow	12,662	27.2%							D	5	GSC			
NLS-South-Deep	5,401	11.6%					NLS-S	outh-Shallow				\sim	SF	
NLS-North	251	0.5%		~~~		~ <mark>}</mark>		- N	NLS-South-De	nep		~		40 30
Grand Total	46,526	100.0%				NLS-West	en Car							-40°20
										Value	iours fishe ligh : 2889 ow : 20	d (FY201	8)	-40°10'
			Date: 7/23/	0	10	100 m	40 Kilome	ters	<i></i>	S	callop Rota AMS area IGOM Man		- 1	-40°N

Other slides

FY2018 total for reference (no labels)



April 2019



May 2019 (through May 20th)

