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## **BIG CHANGES COULD BE COMING**

to New England herring fishery

The New England Fisheries Management Council voted on 25 September to make two changes to the management of the herring fishery that, if eventually implemented, would cause large changes to it and other fisheries in the region.

The change, known as Amendment 8, has been in the works by the NEFMC for several years, and creates a long-term biological catch

By Chris Chase September 26, 2018

control rule for Atlantic herring fishery that accounts for the fish's role in the wider ecosystem, as well as addressing the potential localized depletion of Atlantic herring to minimize impacts on other user groups. Primarily used as bait for the lobster and tuna fisheries, the fishery has an average annual value of USD 20 million (EUR 17 million) and a typical catch of 90,000 MT, with a low of 65,000 MT in 2016.

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## **COVER STORY**

The decisions on the herring fishery were tempered by the most recent assessment of the biomass and recruitment, which even at their most optimistic, offered a bleak outlook for the future of Atlantic herring.

"I look at the recruitment pattern right now, and it looks like we're on the verge of collapsing the stock," said David Pierce, a council member and director for marine fisheries for the state of Massachusetts. "It's a very alarming downward trend, certainly the lowest values for the recruitment."

The recruitment numbers, in the latest assessment, were lower than the previous low point in the 1970s, when record-setting catches virtually wiped out the fishery for a period. Since 2013, recruitment numbers have been well below average for the species.

That's part of why the NEFMC went with an allowable biological catch (ABC) control rule for the next three years that's more restrictive than those in the past. After the years of work, the herring committee created nine alternatives for the management plan, ranging from taking no action on the previous management plan to a 50-nautical-mile prohibition on all mid-water trawling gear.

The ABC control rule the council eventually decided on in a unanimous vote was "4B revised," which was a slight revision on alternative 4B. That will drop the total allowable catch of herring from 49,900 tons down to 21,266 tons in 2019. The revised version of 4B allows for a smaller portion to be set aside for forage, increasing the allowable catch from 18,980 tons.

In addition to the control rule, the council also approved having the new control they set be used for the ABC every three years. Each year, the ABC could be different, and would be set based on the most recent herring assessment and short-term projections of the stock. The goal was to have similar performance to an annual assessment process, but with less strain on resources as assessing the fishery every year is cost-prohibitive.

The issue drew intense public comment on both sides, with midwater trawlers in the herring industry and lobster fishermen coming out against the drastic cut in allowable catch the council's decision represents.

"There's no one that has more at stake," said Patrice McCarron, executive director of the Maine Lobster Association. The lobster industry has already been dealing with issues related to bait, and the latest decision by the council will likely cause those problems to be even worse."

She added that the decrease may be prohibitive for the industry. "We're not going to be here to see the long-term impacts of this control rule," she said.

**BIG CHANGES** Continued on page 58



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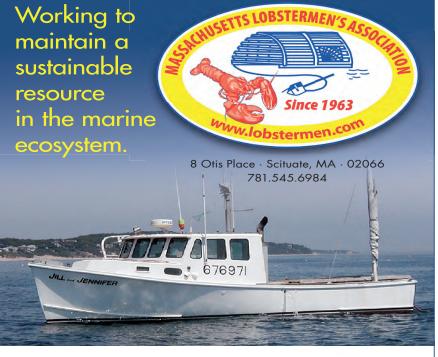
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The Massachusetts Lobstermen's Association would like to welcome the following new members to the Association. Your Association will continue its efforts on your behalf to conserve the resource, protect your livelihood, keep you informed, promote the industry and provide you with increasing benefits as they are developed. MLA stands ready to help you in anyway, at anytime — just let us know how! Safe on the water and good fishing!

<u>Member</u>	<b>Vessel/Company</b>	Home Port
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	•	•

## Come get "SHIPWRECKED" Friday January 18, 2019 at the Annual Weekend & Trade Show!

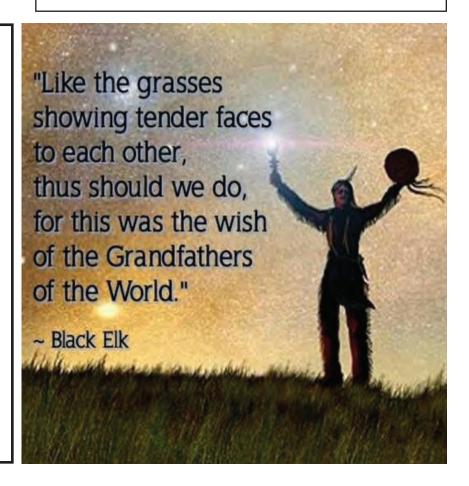
Come join us Friday January 18, 2019 for an evening of murder and mystery. The Dinner Theater Company will perform "SHIPWERCKED" during the buffet dinner Friday evening at 6:30pm during the MLAs 2019 Annual Weekend & Trade Show. Head First Events is a Boston-based public and corporate entertainment company that started in 1988 as the Mystery Cafe, America's Original Murder Mystery Dinner Theater.



seventeenth and eighteenth centuries. daring bands of pirate ships sailed in search of other mens' gold off the coast of New England. A single piece of driftwood cast about on a sea churned by recent storms is the last remnants of one such ship:

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## October 2018

10/2	MA Seafood Day at the State House	Grand Staircase	<b>11</b> :00- <b>1</b> :00pm
10/9-12	ALWTRT meeting	Omni Providence Hotel	
10/17	MLA Delegates meeting	Sons of Ital Hall Quincy, MA	7:00pm

## **November 2018**

11/6	Ropeless Consortium meeting	Whaling Museum, New Bedford	8:30-5:00
11/7-8	North Atlantic Right Whale Consortium Annual Meeting	Whaling Museum, New Bedford	ТВА

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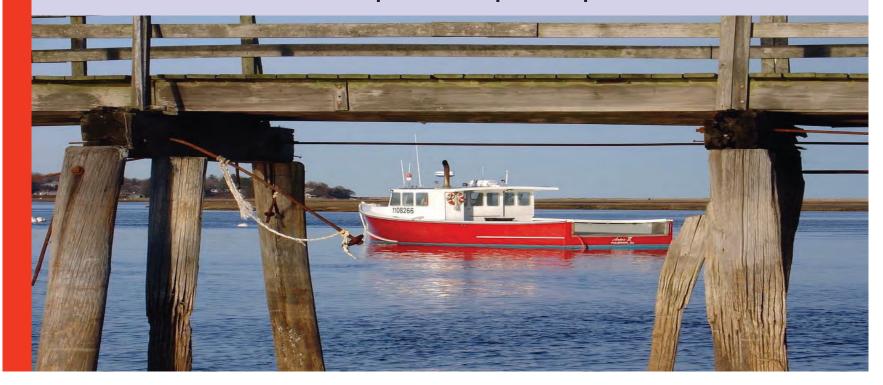
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# Hauler Turns

ctober is off to a scary start seeing that the New England Fisheries Management Council Atlantic Herring Section at its

September 25th meeting cut the quota nearly 78% and the mid-water fleet was moved offshore 12miles from the Canadian boarder to Montauk. The lobster industry will be facing a bait crisis going forward which may not be realized until the 2020 fishing season. If you depend on Atlantic Herring as your bait source do not delay in looking for another bait source or alternative.

There is an ongoing effort by the MLA in finding alternative bait sources and at the MLA Delegates' meeting last month several samples of bait alternatives were handed out to be tried. These bait alternatives are currently being used in the crab fisheries on the west coast. Please take a moment and read the write up on page 12 as "OVP16 is completely free of the biotoxin, domoic acid – something that is produced by algae (Pseudonitzschia) that accumulates in shellfish and other fish that crab consume."

During the Marine Fisheries Commission, under the public comment section, I thanked both Fish and Wildlife Commissioner Amidon and Division of Marine Fisheries (DMF) Director Pierce for their efforts during the Menhaden fish kill up the Mystic River this summer so not to let the fish go to waste. They both were eager to have the MLA and its available members get up the river and clean up the kill as this is a bait source that should not be wasted.

Unfortunately, the only seiner that could have made the trip up the river was not able to get under a fixed bridge and the Menhaden were left to the tides and a clean up effort from shore. The MLA and DMF are committed to put together an action plan going forward as these fish kills will be become more and more frequent given the healthy stock.

The Atlantic States Marine Fisheries Commission (ASMFC) is about to embark on a series of Atlantic Menhaden Benchmark Stock Assessment Workshops Scheduled for October 9 -12, in Arlington, VA.

During the workshops these "groups will focus on completing a thorough review of all data to be used in both the menhaden single □ species and ecosystem □ based benchmark assessments. The Stock Assessment Subcommittee (SAS) will also begin to explore modeling approaches, while the Ecological Reference Point (ERP) Workgroup will continue to explore various modeling approaches to evaluate the health of the stock and inform the management of the species in an ecological context."

Alas, the vast majority of the quota is harvested in southern waters to the reduction fishery where they are landing small 1-2 years class Menhaden.

The 2017 harvest for reduction purposes was 284.2 million pounds and the estimate of the coastwide bait harvest for 2017, is 96.62 million pounds fish that are harvested range in the 5-7 year class. http://www.asmfc.org/uploads/file/5af0a3dbAtlanticMenhadenFMPReview\_2018.

pdf Remember, Menhaden are the poggies that lobsters love to eat and we need to ensure the quota is not taken away from the bait fishery and given to the reduction fishery, this is always a tug of war.

These little fish are a big problem when the business of lobster fishing relies on them greatly to go to work. When you are thinking about the bait crisis that is forth coming ask yourself the following questions;



What kind of bait do you use? How much bait do I use annually? What other kind of bait can I use? Who do I buy my bait from? Where do they buy their bait from? Who else can I buy bait from? How much bait can I hold?

As you think about these questions and start to put the pieces of this puzzle together and understand the magnitude the looming bait crisis will have on the lobster industry in the coming years, do not delay in putting together a BAIT PLAN so you can keep fishing. The MLA will continue to look for bait sources around the region and further as needed. The further we go to get bait the more it will cost but, in the end if there is no bait for the lobster pots that equals no dollars in the bank.

Safe on the water,

Beth Casoni,

Executive Director



#### **Atlantic States Marine Fisheries Commission**

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#### **MEMORANDUM**

**September 18, 2018** 

To: Atlantic Herring Section, Technical Committee, Advisory Panel, and Interested Parties

From: Toni Kerns, ISFMP Director

**RE:** Atlantic Herring Area 1A Trimester 3 Effort Controls

The Atlantic States Marine Fisheries Commission's Atlantic Herring Section (Section) members from Maine, New Hampshire, and Massachusetts met via conference call on Tuesday, September 18<sup>th</sup> to discuss Area 1A (inshore Gulf of Maine) effort control measures for Trimester 3 (October 1 – December 31). Section members agreed to five consecutive landing days until 92% of the Area 1A sub-ACL is projected to be harvested, or until further notice. Vessels may only land once every 24-hour period.

- For the first week of October, beginning on October 1, 2018: Vessels in the States of Maine and New Hampshire, and the Commonwealth of Massachusetts may possess and land herring from Area 1A starting at 12:01 a.m. on Monday, October 1<sup>st</sup> up to 11:59 p.m. on Friday, October 5<sup>th</sup>.
- Beginning on October 7, 2018: Vessels in the State of Maine may land herring starting at 6:00 p.m. on Sundays up to 5:59 p.m. on Fridays. Beginning October 8, 2018, vessels in the State of New Hampshire and the Commonwealth of Massachusetts may land herring starting at 12:01 a.m. on Mondays up to 11:59 p.m. on Fridays.

The Atlantic Herring Section members from Maine, New Hampshire, and Massachusetts are scheduled to reconvene via conference call to review fishing effort on:

• Friday, October 12 at 1:00 p.m.

To join the call, please dial 888.585.9008 and enter conference room number 502-884-672 when prompted.

Trimester 3 landings will be closely monitored and the directed fishery will close when 92% of the Area 1A sub-ACL is projected to be reached. Fishermen are prohibited from landing more than 2,000 pounds of Atlantic herring per trip from Area 1A until the start of Trimester 3. For more information, please contact Megan Ware, Fishery Management Plan Coordinator, at 703.842.0740 or <a href="mailto:mware@asmfc.org">mware@asmfc.org</a>.





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## From ocean farm to table

- The journey of how our food reaches our table can often be a mystery. How does a lobster end up on your dinner plate?

By: Barbra Burgess

It was Wednesday, August 24th When eight women from Women Working for Oceans (W2O) along with the crew from Two Buoys Lobster cast off in Boston Harbor to learn about the lobstering industry and the faces behind how a lobster gets from ocean to table. The day at sea was still and steamy. A humpback whale had been spotted in the harbor that very morning.

Captain Fred Penney along with his son Wesley and mate

Tim steamed out onboard Tuppence. We passed the cruise ship terminal, cargo containers and Castle Island until we reached the waters off of Thompson Island. Quickly we became fascinated with the rich lives that lead our crew to the world of lobstering.

We discovered that lobstering was Fred's third career. His love of the sea started with his father who was in the Navy during World War II and both a fisherman and Master boatbuilder. As a teen, Fred was a sternman on a lobster boat. After being a mechanic in the Naval Reserve, operating his own car repair shop and eventually teaching car mechanics. Fred felt the pull of the sea. Lobstering was back in his life.

By his side was his son Wesley, a Captain on an ATB (Articulated Tug Barge) after a 35-day rotation. And Tim, the mate of seven years, shared his knowledge

along with a huge grin that made you smile. A friendly seasoned crew indeed.

As Wes pushed throttle forward we spotted the first buoy to be hauled then the second and third. A treasure trove of sea life including lobsters, rock and spider crabs was within each trap. All agreed.... this year has been good for lobstering.

> For novices like us, we learned all sorts of interesting facts. Fred uses sinking ground line as do roughly 30 commercial lobstermen in the harbor. He sets out 24 traps with a ½ mile of rope as the traps slip

over board like dominoes. Each lobster gets measured

to comply with the law that ensures for a healthy lobster population. It's a long day of hauling traps and navigating often rough seas.

Fred has seen changes to the ocean over the years. Ocean health is of top concern for lobstermen, Fred shares. His grandson Daniel is expressing interest in being a fishermen and Fred wants to leave behind a thriving sea filled with marine life so the next generation can be a part of this great New England tradition.



It was a morning filled with camaraderie, awe, respect, laughter and a greater understanding of New England's oldest industry. We were grateful for the experience and when we enjoy our next lobster roll we now have a greater appreciation for how it arrived on our plate.

Women Working for Oceans is a non-profit organization whose mission is promoting healthy and sustainable oceans through education that inspires advocacy and action. We welcome members of all ages from all places. Visit our website at womenworkingforoceans.org and check out the engaging ways to help protect the ocean we all love and respect.

## THE MLA **LEGAL DEFENSE FUND**

The Massachusetts Lobstermen's Association continues to need support for its Legal Defense Fund. This dedicated fund has been and will be used for the purpose of defending the Massachusetts lobster fishermen from legal and fisheries management actions that could seriously impact our fishermen's ability to conduct their businesses and earn a living.

As we all know, any legal action costs lots of money and this Association needs to be prepared. We certainly would prefer and will continue to try and resolve issues on our fishery without going into court but we must be ready to do so in order to protect our industry and our individual fishermen's livelihoods. These are real threats and our members frequently say – just sue them – well, that's fine to say but to do that we need your support. Any contribution you can afford to make to this fund will be held in our legal defense fund and used only for defraying legal expenses if and when they are needed. Thank you for your continued support.

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Current studies have shown OVP16 to last in the water for an average of 10-12 days depending on ocean temperature, current and depth.

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The physical process in which organisms respond to chemical stimuli is referred to as chemoreception. Crustaceans use sensory nerves located on their mouthparts, antennae and legs to employ chemoreception to detect food sources — OVP16 uses a complex of concentrated natural attractants to deliver a powerful, aggregated signal. Olfactive (scent) cues are only one component of the attractant; OVP16 also utilizes visual stimulants such as fluorescence and UV visibility that is perceptible to target marine species.





OVP16 is an exciting development in marine animal bioattractants. This organic viscoelastic polymer is proving to be a highly effective, sustainable natural food source for marine life.

#### **Minimizing Pathogen**

#### **Transmission**

Traditionally, commercial lobster and crab fisheries use bait such as fish carcasses, clams, and squid. With this comes the risk of transmitting pathogens to the handler and marine life. OVP16 minimizes this risk by providing a nutrient rich food source that is all natural, biodegradable and subject to virtually no spoilage with proper use.

#### **Domoic Acid**

OVP16 is completely free of the biotoxin, domoic acid – something that is produced by algae (Pseudonitzschia) that accumulates in shellfish and other fish

that crab consume. Although harmless to crab, domoic acid is not metabolized easily from its system; when contaminated crab is ingested by humans, sea lions, birds or other animals, poisoning can occur. Domoic acid is a known neurotoxin that can cause mild to severe reactions, and in rare cases, death.

To participate in ongoing development and studies or to learn more about OVP16, please email info@silaswilliam.com.

\*Preferred OVP16 bait deployment method Scotty bait jar: http://scotty.com/product/no-670-vented-bait-jar-12-l-white-jar-with-lid/

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- Smithsonian.com

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OVP16 under natural light



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## **Sullivan Applauds Senate**

## Passage of American Fisheries Advisory Committee Act

WASHINGTON, D.C. – U.S. Senator Dan Sullivan (R-AK) is applauding the Senate passage of S. 1322, the American Fisheries Advisory Committee Act, bipartisan legislation he introduced alongside Senators Maria Cantwell (D-WA), Elizabeth Warren (D-MA), and Lisa Murkowski (R-AK) to create an Advisory Committee to assist in the awarding of fisheries marketing, research, and development grants. Alaska Congressman Don Young is the sponsor of companion legislation in the U.S. House of Representatives.

"Saltonstall-Kennedy grants are often recognized for making real, meaningful impacts in our nation's fishing industry, but without the proper input and oversight from our fishermen we're missing out on a number of opportunities for improvement and growth, particularly for marketing and overall global competitiveness," said Senator Dan Sullivan. "Reestablishing this advisory committee is an important step forward for the strength of our fisheries and the long-term vitality of

American caught seafood. I often say, Alaska is the superpower of seafood, but in order to maintain that remarkable status we must better focus federal grant dollars towards the priorities and needs of our

nation's fishing industry, including fishermen, vessel owners, distributors and processors. I commend lawmakers and industry groups from across the country for coming together in support of this legislation, and look forward to its swift passage in the U.S. House of Representatives."

"On behalf of the National Seafood Marketing Coalition I want to thank Senator Sullivan for his hard work in getting the Senate to pass this important legislation," said Bruce Schactler, Director

of the National Seafood Marketing
Coalition. "This legislation will
ensure that the original intent
of the Saltonstall-Kennedy
program is met by allowing
U.S. Seafood Industry experts
to help guide those much
needed seafood development
and marketing funds towards
increasing the value of our
fisheries for all sectors of the U.S.
seafood industry and our coastal
communities that rely so much on
them."

S. 1322, the American Fisheries Advisory Committee Act unanimously passed the Senate on August 22, 2018 with a clarifying amendment offered by Senator Dan Sullivan and Senator Ed Markey (D-MA). The bill has been referred to the House Committee on Natural Resources.

The Saltonstall Kennedy (SK) Act provides funding for fisheries marketing and development. These funds are derived from a portion of fishery import duties. To inform how these funds are allocated, Congress authorized a group of experts from different segments of the fishing industry to advise on commercial fishing problems and needs. Following a 1972 law, the original American Fisheries Advisory Committee was disbanded. In the Committee's absence, the National Marine Fisheries Service decides, by its own criteria, who receives grants. In some cases, the priorities of the fishing industry do not match those of NMFS. The American Fisheries Advisory Committee Act would bring back the board of experts, with members chosen regionally and across all sectors of the fishing industry, to bring industry back into the process of identifying needs and funding priorities.

In 2017, NMFS issued 41 grants worth \$10 million.

The American Fisheries Advisory Committee Act has garnered the support of a number of organizations, including the Alaska Fisheries Development Foundation, the United Fishermen of Alaska, and the North Pacific Fisheries Association. 08.28.18 https://













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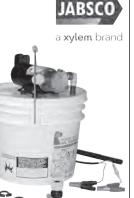
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5/8"	118632	10400 lbs	0.49	292.72
3/4"	118633	14200 lbs	0.69	416.43
7/8"	118634	17280 lbs	0.96	578.97
1"	118635	25000 lbs	1.16	711.45
1-1/8"	118636	33000 lbs	1.43	856.64
1-1/4"	118637	37500 lbs	1.75	1047.76
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Size 3/8" 7/16" 1/2" 5/8"	Order# 118655 118656 118657	Tensile Strength 3200 lbs 3900 lbs 5400 lbs 7200 lbs	Ft Price per Reel 0.15 0.18 0.25	600' Reel 91.46 118.58 149.66 231.61
5/8"	118658	7200 lbs	0.39	231.61
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7/8"	118660	13500 lbs	0.76	455.27
1"	118661	17000 lbs	0.88	526.06
1-1/8"	118662	21000 lbs	1.09	654.11
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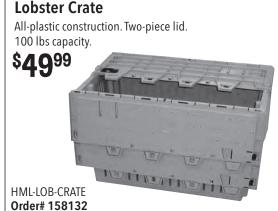
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## 6 Reasons Why Men Should Meditate

#### Meditation boosts productivity.

The common misconception among men is that when you meditate, you are meant to completely clear your mind of all thoughts. Another one is that you just sit around and think about nothing – and somehow the practice is supposed to make you calmer. How could that help with productivity?

The truth is, you can't just close your eyes and turn off your mind. You are not meant to clear all of your thoughts during meditation. Instead, a meditation practice gives your mind permission to go where it may – to not have an agenda and just have an experience.

In our modern, frenetic lifestyle, we love to make mental to-do lists. Meditation gives you permission to let go of the brutally overbearing task of planning everything in your life. So, when it's time to think critically and get work done, you are operating as efficiently as possible.

#### 2. Meditation helps you reduce stress and tackle challenges.

On the battlefield of day-to-day life, you face many challenges. Meditation trains your mind to stay focused on the bigger picture. So, when small stressors pile up, they don't weigh you down. When you meditate, you develop an awareness of your thoughts and breath. Then, when you feel yourself become anxious, you can deepen your breath and mentally coach yourself through it. With that peace of mind, you can face your obstacles head-on.

## 3. Meditation advances your athletic

Forget the popular 1,000-hour rule to accomplish mastery in any given skill. How you practice matters. If you practice a dead lift for years with bad form, for example, what will you gain? Chronic pain in your lower back - not mastery.

Meditation helps you pay attention to the details. If you need to take a step back and make adjustments to move forward, meditation gives you the wherewithal to do it. When you meditate, you force yourself to pause and really take in the moment. You also develop a keen awareness of sensations in your body and how you move. This awareness is key for injury prevention and allows you to train more frequently at a higher intensity, which is a formula for monumental results.

#### 4. You can meditate to lose weight.

If your goal is to burn fat and lose those pesky 10 pounds, the problem is most likely your approach. It's disheartening to obsess over a number on the scale, your diet or how you look. You become compulsive and cranky. Everyone around you suffers. The point is: You are not going after the real problem.

Weight loss is a mental game. Meditation makes you conscious of what you eat. If you are compulsively eating – healthy or unhealthy foods – it will lead to

failure. Meditation is a game-changer to transform compulsion into strong, yet compassionate, selfawareness. Meditate and you will make real, lasting changes in your nutrition plan, rather than jumping from one diet to the next and losing and gaining weight in a seemingly endless frustrating cycle.

#### 5. Meditation promotes better sleep.

If you are having difficulty falling asleep, try to meditate right before bed. Even meditate in bed. (Yes, it is OK to lie down, meditate and fall asleep.) I find that when you meditate in bed, your mind is more at ease - you're not trying so hard to fight it from overthinking.

You do not have to be in a seated position to meditate. In fact, most guys should not sit in a cross-legged seated position without props. It could be painful for your knees, ankle and back. If you are more muscular than flexible, sitting for any amount of time with your knees above your hips will quickly make your feet go numb. Instead, use a meditation app like Headspace while you lie in bed. It will help send you off into a deep slumber.

#### 6. Meditation makes you look younger.

With all of the healthy decisions that meditation will naturally assist you in making, the practice will show not only inwardly, but also in your physical appearance. Nothing will make you age faster than being an overworked, overwhelmed, anxious American. Through a steady meditation practice, you will be less stressed, more confident and more pleasant to be around.

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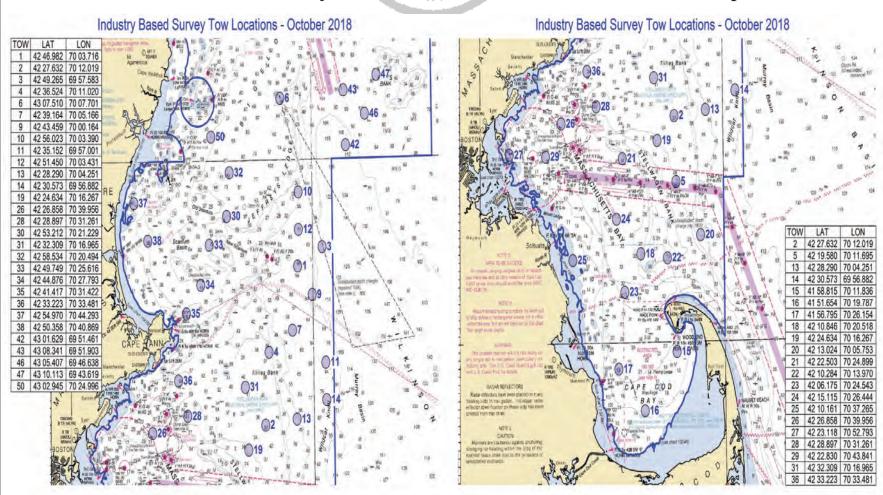
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## Attention Massachusetts Lobstermen

The Massachusetts Division of Marine Fisheries (MA DMF) has begun an Industry-Based Trawl Survey for Gulf of Maine cod (Cod IBS) aboard F/V Miss Emily. The survey area includes state and federal waters from Cape Cod Bay to the New Hampshire border. The survey starts on October 1st, 2018 and ends on January 31st, 2019 locations will be announced monthly on MA DMF website, social media, and the MA DMF listsery. To receive real time text message updates of the survey go to the MA DMF Website and sign up or call Bill Hoffman at 978-282-0308 ext 106. Additionally, the survey vessel will monitor VHF channel 16 during survey operations. In order to avoid gear conflicts, MA DMF respectively requests that fixed gear be temporarily removed from the tow locations during survey times.

## October 2018 tow locations adjacent to the Massachusetts coast detailed in maps below



For future month tow locations visit www.mass.gov/marinefisheries and visit the Cod IBS project page.

N

#### Observed Lobster Pot/trap Data, 04/17-06/18 Observed Lobster Pot/trap trips, 04/17-06/18\*, Final NEFOP Data

#### **Sea-days and Trips, 04/17-06/18**

Year	Month	State/region	Trips	Days accomplished	Days assigned
2017	4	ME	2	2	
2017	4	NY	2	2	
2017	4	RI	1	3	3 NE
2017	5	MD	1	3	3 Mid-Atl
2017	5	ME	1	1	8 NY
2017	6	NY	4	4	
2017	6	RI	1	1	
2017	7	DE	1	2	
2017	7	MA	2	2	
2017	7	ME	2	2	CNE
2017	7	NJ	2	2	6 NE 6 Mid-Atl
2017	7	NY	3	3	8 NY
2017	8	NY	6	6	0111
2017	9	ME	3	3	
2017	9	NY	2	2	
2017	10	ME	2	2	
2017	10	NJ	2	2	5 NE
2017	10	NY	1	1	5 NE 3 Mid-Atl
2017	11	ME	1	1	4 NY
2017	12	ME	2	2	7111
2017	12	NY	2	2	
2018	1	ME	1	1	2 NE
2018	1	NJ	1	6	3 NE 3 Mid-Atl
2018	2	ME	1	1	0 NY
2018	3	ME	1	1	0111
2018	4	MA	1	1	
2018	4	MD	1	1	4 Mid Atl.
2018	4	NY	2	2	4 NE
2018	5	MA	1	1	8 NY
2018	5	ME	2	2	

A total of 68 sea-days were allocated to the lobster fishery in the New England and Mid-Atlantic from 04/17-05/18. Of these, the Northeast Fisheries Observer Program (NEFOP) achieved 64

sea-days over 54 separate trips. Totals include inshore (single day) and offshore (multi-day) trips. Sea-days included under the Northeast mix category could be covered out of any state in the Northeast region.

Note that the observer provider is able to achieve sea-days within a quarter, meaning for example that the assigned days for January-March could be accomplished at any time during the quarter when fishing effort is occurring.

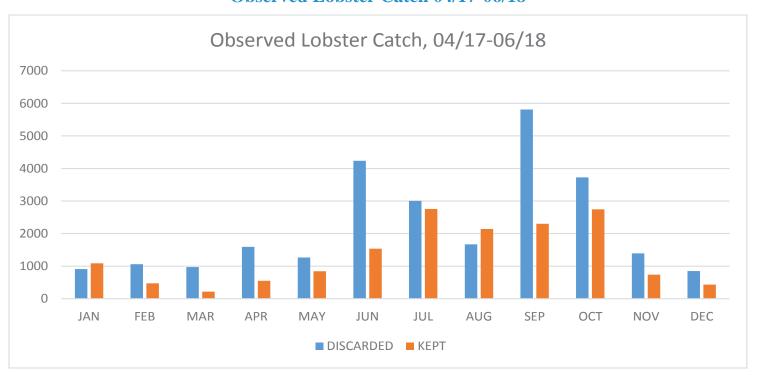
\*All data included in this summary were retrieved 09/12/2018 and are current through 06/18.

Total NEFOP Lobster Pot/trap Sea-days, 04/17-06/18

State/region	2017-2018 Sea-days
New England	21
Mid-Atlantic	19
NY	28
Total	68

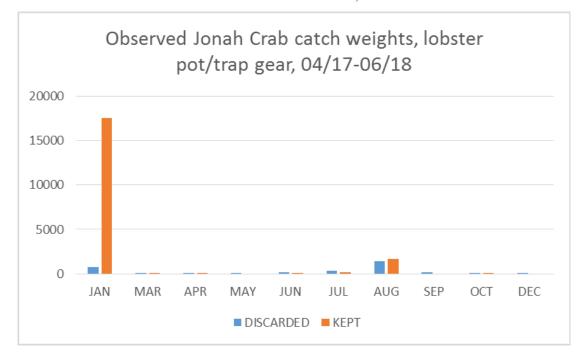
A total of 68 sea-days were allocated to the lobster pot/trap fishery from 04/17-06/18. Days assigned specifically to New York were purchased by the state of New York.

#### Observed Lobster Catch 04/17-06/18



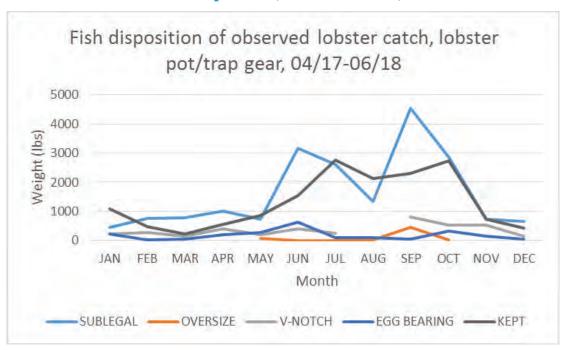
Summary of observed kept and discarded lobster catch from all observed lobster trips (all states and regions, 04/17-06/18). April-June includes data from 2017+2018.

#### Observed Jonah Crab catch, 04/17-06/18



Summary of observed kept and discarded Jonah crab catch from all observed lobster trips (all states and regions, 04/17-06/18). April-June includes data from 2017+2018.

#### Observed Fish Disposition, Lobster Catch, 04/17-06/18



Observers characterize lobster catch as kept or discarded, then record why the catch was kept or discarded (fish disposition). Several of the more common dispositions used in the lobster fishery are included in this figure (observed trips landing in all states/regions, 04/17-06/18). Lobster catch is categorized based on the following priority: size (sublegal or oversize), egg bearing, v-notch, soft-shelled, shell disease, and any other regulatory or market reason. April-June includes data from 2017+2018.

Non-target Species Catch, 04/17-0 SPECIES	WEIGHT
CRAB, DEEPSEA,RED	1508
SEA BASS, BLACK	731.2
HAKE, RED (LING)	648.5
CRAB, ROCK	488.2
FISH, NK	359
CRAB, JONAH (MARKET CLAWS)	262.8
CRAB, SPIDER, NK	214
OCEAN POUT	188.8
CRAB, TRUE, NK	182
RAVEN, SEA	164.9
DOGFISH, SMOOTH	104.8
SEAWEED, NK	98
EEL, NK	86
WHELK, CHANNELED (SMOOTH)	79.2
HAKE, WHITE	71.9
EEL, CONGER	69.3
SNAIL, MOONSHELL, NK	51.5
HAKE, NK	48
CUNNER (YELLOW PERCH)	45.7
HAKE, SPOTTED	44.5
DOGFISH, SPINY	40
TILEFISH, GOLDEN	34.2
SCULPIN, LONGHORN	29.9
DEBRIS, NK	25
SKATE, LITTLE	21
CRAB, HERMIT, NK	18.8
MONKFISH (GOOSEFISH)	16.9
COD, ATLANTIC	14.5
SCUP	14.4
FLOUNDER, WINTER (BLACKBACK)	8.3

All catch items are recorded by observers, including finfish and crustaceans. The top 30 non-target catch items (by weight) are included in this figure from observed trips landing in all states/regions (04/17-06/18). Note that the totals displayed in the above figure are observed weights only (**not expanded weights**).

Discard data collected by the NEFSC can be used in fish/invertebrate stock assessments, incidental take assessments of marine mammals and sea turtles, monitoring the effectiveness of Take Reduction Plans, as well as in SBRM analyses to determine the coverage needed in the upcoming year to estimate discards. The Greater Atlantic Regional Fisheries Office also uses these data for quota monitoring/catch accounting.

LOBSTER		
MONTH	NUMBER SAMPLED	
JAN	832	
FEB	181	
MAR	553	
APR	788	
MAY	703	
JUN	1826	
JUL	2852	
AUG	1092	
SEP	1918	
OCT	2302	
NOV	540	
DEC	517	

A total of 14,104 individual lobsters were sampled by observers on vessels landing in all states/regions from 04/17-06/18. Data collected for each animal includes: carapace length, molt status, sex, catch disposition (kept or discarded), number of claws, presence/absence of v-notch, and egg-bearing status (including egg stage). Shell disease was also recorded at the haul level.

Observers also sampled 2,896 Jonah crabs from 04/17-06/18. The same suite of data elements are collected for crabs as for lobster with the exception of v-notch, molt status, and number of claws. Note: carapace width is recorded for crabs.

JONAH CRAB		
MONTH NUMBER SAMPLED		
JAN 2887		
JUN	9	

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## **MARINERS BRIEFING**

DATE OF NOTICE: 17 SEPTEMBER 2018 NOTICE NO. 024

## **OVERVIEW**

These briefings are intended to update mariners on marine operations for the South Fork Wind Farm survey. Survey operations are planned to support the South Fork Wind Farm (see chart). These operations involve only the survey phase of the project.

Notices to Mariners are submitted as needed to the U.S. Coast Guard and distributed to the fishing community and interested mariners on our website at:

dwwind.com/information-for-mariners

**VESSELS WILL DESIGNATE A WORKING CHANNEL ON VHF 16 DAILY AT 0600 AND 1800** 

#### **ABOUT THE SOUTH FORK WIND FARM**

The South Fork Wind Farm is a planned offshore wind farm located 30 miles east of Montauk. The wind farm will consist of offshore wind turbines, an offshore substation, and a subsea transmission system that will deliver clean energy to East Hampton, New York. Marine survey activities are scheduled to begin in July 2018. Marine construction is planned to start 2021.

- Projected Start: July 2018
- Projected End: November 2018
- For general information on the South Fork Wind Farm, please visit: dwwind.com.

## **CONTACT**

#### **JOHN O'KEEFFE**

MANAGER, O&M AND MARINE AFFAIRS

Phone: 401.868.4228

Email: jokeeffe@dwwind.com

#### FOR FISHERIES RELATED INQUIRIES: **RODNEY AVILA**

**FISHERIES LIAISON** 

Phone: 508.889.0401 Email: ravila@dwwind.com

#### JULIA PRINCE







## **SEACOR SUPPORTER**

The Seacor Supporter is a class 200' liftboat used to conduct deep geotechnical surveys. The vessel has 3 legs, each 200' long. The hull of the vessel measures 132', with a 77' beam. Registered tonnage of the vessel is 139 t / 94 t.

Official Number 1062039 Call Sign WDG 3587 IMO 8766052

VESSEL NAME	SITE FUNCTION	DATE/ACTIVITY	PROJECTED OUTLOOK
Seacor Supporter	Geotechnical Survey Vessel	Vessel will depart Quonset RI Wednesday 19 September	Vessel will depart operating lease area

\*\*All Mariners transiting or fishing in the survey area are requested to give a wide berth to survey vessels as they will be limited in their ability to maneuver (VRAM) and towing gear out to 300 meters behind

the vessel. Vessels in the vicinity of the survey vessels should operate in a manner that will not endanger the vessel or associated equipment\*\*





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#### Massachusetts Lobstermen's Association, Inc.

8 Otis Place ~ Scituate, MA 02066 Bus. (781) 545-6984 Fax. (781) 545-7837

September 4, 2018

Commonwealth of Massachusetts Division of Marine Fisheries Dr. David Pierce, Director 251 Causeway Street, Suite 400 Boston, Massachusetts 02114

Via email: marine.fish@state.ma.us

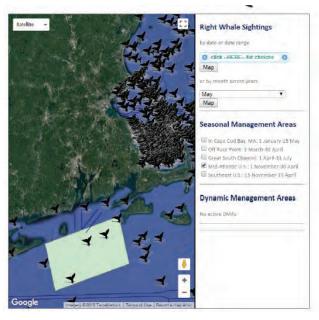
RE: PROPOSED SPECIAL PERMIT FOR AN EXPERIMENTAL KELP AQUACULTURE ARRAY IN BUZZARDS BAY NEAR NAUSHON ISLAND IN THE TOWN OF GOSNOLD

#### Dear Dr. Pierce,

On behalf of its 1800 members, the Massachusetts Lobstermen's Association (MLA) respectfully submits this letter of opposition on the novel macroalgae farming array in Buzzards Bay for the collective 10 acres in the waters off Naushon Island in the Town of Gosnold submitted by the Woods Hole Oceanographic Institute (WHOI).

The MLA has submitted multiple letters of comment regarding the special permitting of bottom for aquaculture uses and just with in the last couple of months the proposed sites to be leased cover almost 60 acres of bottom. Spatial, the lease areas are equal to 2.6 million square feet or the equivalent of 45 football fields. This is a lot of bottom that is now unfishable to lobstermen. When will the lobster industry be able to apply for a special lease for bottom?

The MLA is further concerned at the prospect of these projects becoming a reality given the federal governments' continual effort to reduce vertical lines in the water column. The proposed scope of gear to be



used on pages 6 and 7 indicates the introduction of NEW vertical lines into the water column with breaking strengths ranging from 1,400 lbs to 81,700lbs. The proposed WHOI project is contradictory considering WHOI has been the loudest advocating for NO VERTICLE lines in the water column for several years now.

Established in 1963, the MLA is a member-driven organization that accepts and supports the interdependence of species conservation and the members' collective economic interests. The MLA continues to work conscientiously through the management process with the Division of Marine Fisheries and the Atlantic States Marine Fisheries along with being an active participant on the Atlantic Large Whale Take Reduction Team since its inception back in 1996.

Lastly, we are extremely concerned about increasing the co-occurrence potential of any interaction between a large whale and fixed gear even with the low sightings in the Buzzards Bay region. Regardless of the co-occurrence models flaws and lacking basis for illustrating the potential for a whale to encounter any vertical line, we perceive these projects gear configuration as an enormous threat to the large whales given the historical sightings of the highly protected North Atlantic Right Whales in these proposed projects areas.

We thank you for your consideration on our most sensitive position of opposition to this proposed project. If you have any further questions please feel free to call or email me at <a href="mailto:beth.casoni@lobstermen.com">beth.casoni@lobstermen.com</a>.

Kind regards,

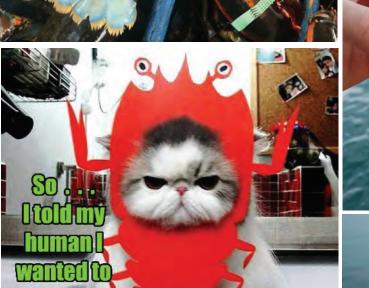
Beth Casoni

**Executive Director** 





































## **MA Marine Fisheries Advisory Commission**

## September 13, 2018 Meeting Summary

This document serves as a brief summary of the September 13, 2018 Marine Fisheries Advisory Commission (MFAC) business meeting. Further details will be captured in MFAC business meeting minutes for this date.

#### **Action Items**

#### Adjustment to Commercial Striped Bass Fishing Days

The MFAC approved the Division of Marine Fisheries recommendation to make an in-season adjustment to the open commercial fishing days for striped bass. This action will add Tuesday to the existing Monday and Thursday open fishing day schedule for 2018. The change will be effective for the start of the fishing week on September 17.

#### **Future Public Hearing Items**

#### Commercial State-Waters Groundfish Management

The MFAC reviewed a future public hearing proposal by the Division of Marine Fisheries affecting the commercial state-waters groundfish fishery. The first proposal was to enact a spatial closure within all state-waters between 42°00' north latitude and the MA/NH border during the month of April for commercial groundfish fishing. This action was proposed to address the consistent over harvest of the state-waters set-asides for Gulf of Maine cod and winter flounder. The MFAC advocated that DMF include a provision that would allow the Director to forgo the April closure if landings data indicated that state-waters set-asides would not be over harvested if fishing were to occur in April. The second proposal was to enact an owner-operator provision for the state-waters groundfish fishery. This would be a preliminary measure to address the activation of latent effort in the fishery. DMF anticipates a public hearing will be scheduled this winter to take comment on these proposals.

#### Commercial Scup Bycatch Limits

The MAFMC and ASMFC recently approved a joint MA/RI revision to the federal and interstate management plan for scup. This revision would allow trawlers fishing with mesh smaller than 5" to possess and land 2,000 pounds of scup per day during the period of April 15 – June 15; the current limit is 200 pounds. This was proposed to reduce the discarding of scup bycatch in inshore springtime squid trawl fisheries. DMF anticipates a public hearing will be scheduled this winter to take comment on similarly adjusting state regulations to accommodate this change in the management plan.

#### **Discussion Items**

#### Review of August 2018 ASMFC Meeting

DMF staff provided a review of the the August 2018 ASMFC business meeting. The focus was on changes to the American Eel FMP. DMF also discussed the Sea Herring and Menhaden board meetings, as well as the proposed 2019 specifications for black sea bass, scup, fluke and bluefish.

#### Changes to Marine Fishery Fines and Penalties

DMF informed the MFAC that Governor Baker signed the Environmental Bond Bill into law in August 2018. This bill included a modernization to the marine fisheries fines and penalties schedule, which will go into effect on November 7, 2018. It effectively doubles existing non-criminal fines and allows for an additional fine of \$10 per non-compliant fish; modernizes the criminal fine schedule; and adopts a \$10,000 civil fine.

#### **Quota Monitoring Update**

DMF staff provided the MFAC with an update on quota monitored species and fishery performance.

#### Review of MFAC Sub-Committee Meeting on Compliance in For-Hire Fisheries

The MFAC Sub Committee on Compliance in For-Hire fisheries met on Wednesday, September 12, 2018. The purpose of the meeting was to review potential management options to enhance compliance in the for-hire fishery, specifically the springtime black sea bass and scup head boat fishery. A number of management strategies were vetted and will be developed into public hearing proposals this fall.

#### **Belding Award Presentation**

The Division of Marine Fisheries presented Arthur DeCosta of Fairhaven, MA with the 2017 Belding Award. Arthur is a recently retired long-time trap fisherman. Throughout his career he was actively involved in developing and assisting DMF in cooperative research. He made substantial contributions to DMF's commercial sea sampling program for lobsters and whelk and ventless trap programs.

#### **Upcoming Meetings**

The next MFAC business meeting is scheduled for Thursday, October 11, 2018. It will be held at Division of Fish and Wildlife's Field Headquarters in Westborough, MA. This meeting is scheduled to begin immediately following a public hearing at 9AM.

If you would like to obtain any materials regarding past or upcoming MFAC business meetings, please contact Jared Silva at DMF (617-626-1534 or <u>jared.silva@state.ma.us</u>).

## **Marine Fisheries Advisory**

Commission recognizes Arthur Decosta

On September 13th the Marine Fisheries Advisory Commission recognized longtime MLA member and industry pioneer, Arthur DeCosta for his years of service and dedication to cooperative research since 1995 for the commercial lobster and recently the whelk industry with the Belding Award.

#### PUT SOMETHING ABOUT THE BELDING AWARD

Arthur was a pioneer in the development of the first industry based survey that the MADMF initiated the ventless trap survey which started back in 2006 as well as several other research projects such as the lobster larval settlement, lobster reproduction and the jonah crab tagging. His mindfulness towards conservation and dedication to research has amassed him so remarkable statistics through his years; 313 dedicated sea days for research, 35,000 trap hauls, and 80,000 lobsters measured.





Offshore lobster industry advocate since 1972 Pro-active, common sense, member driven approach

#### WHAT WE DO

- Helped to establish Limited Entry in Area 3 lobster fishery
- Lobbied for Area 3 historic participation & transferability
- Secured funds to offset costs of sinking groundline
- ♦ Advocated for Jonah Crab Fishery Management Plan
- Led industry's response to the marine monument
- ◆ Strong advocate of common sense whale rules
- Leadership roles on the ASMFC's Lobster Board, Lobster and Jonah Crab Advisory Panels, and Area 3 LCMT
- NEFMC's Habitat Committee and NOAA Fisheries' Atlantic Large Whale Take Reduction Team member

#### **2018 ISSUES**

## YOU ARE INVITED TO ATTEND THE January 17-20, 2019



# ANNUAL WEEKEND NDUSTRY TRADE SHOW

#### A Full Slate of Activities For the Whole Family

- A super exhibition of the latest goods and services that are important to the lobster/ fishing industry as well as Gov. Agencies
- Seminars—Friday and Saturday
- Murder Mystery—Friday evening during dinner (6:30pm)
- Craft—make you own special oil blends for relaxation, beauty, health and more
- Cooking Demonstration Saturday
- Super Silent Auction Saturday afternoon
- The Caricature Guy Saturday afternoon
- Banquet Awards Ceremony Saturday evening
- Casino Night Saturday (9-11pm)
- Children's activity room Fri/Sat evening
- There will be many raffles with cash prizes, free drawings and much more!

#### **January 17—20 2019**

Exhibit Hall hours are: Thurs. (1/17/19) 9:00 (vendor set up) Fri. 9:00am-5:00 pm

Sat. 9:00am-5:00 pm

Sun. 8:00am-10:00 am

### Located at the **Resort and Conference Center at Hyannis**

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The Massachusetts Lobstermen's Association is working hard to bring to you the 2019 Annual Weekend and Trade Show with many vendors along with several informative seminars Friday and Saturday.

Even if you're not an MLA member yet! Come on down, over or up and join us for the event. Remember, this is your industry why not join the MLA for some fun?

## **ADMISSION** to the **SHOW** is FREE

For more information on membership, room packages, seminars and vendor information please visit www.lobstermen.com Or call 781-545-6984 xt.2 & speak with Tracey Abboud.



## From the Executive Director's Desk

## MRIP's Upgraded Fishing Effort Survey: A Significant Step Forward in Fisheries Science and Recreational Management



Recreational anglers often wonder: "why don't fishing regulations match what I'm seeing out on the water?" Recreational management has long challenged managers and anglers alike, but recent changes in recreational data collection will improve catch estimates and better inform management decisions.

The first national program for estimating marine recreational harvest was the Marine Recreational Fishery Statistics Survey (MRFSS), established in 1979. In 2008, MRFSS was replaced

MRIP is the result of a considerable, long-term effort on the part of NOAA Fisheries, working with the recreational fishing community and the states, to significantly improve recreational catch and effort data for use in stock assessments and management.

with NOAA's current recreational data collection system, the Marine Recreational Information Program (MRIP). MRIP is the result of a considerable, long-term effort on the part of NOAA Fisheries, working with the recreational fishing community and the states, to significantly improve recreational catch and effort data for use in stock assessments and management. Recently, the two surveys that inform MRIP have undergone major upgrades.

As you may know, recreational harvest estimates are based on two specially designed angler

collect catch information and the other to collect effort data. The data from these surveys are then combined to estimate total recreational harvest..

In 2017, the Atlantic states, from Maine to Georgia, assumed conduct of the Access Point Angler Intercept Survey (APAIS). State conduct of APAIS has resulted in a 23% increase in the number of intercepts from 2016 to 2018 (for waves 1-3).

In July 2018, NOAA Fisheries released calibrated recreational catch estimates using an updated effort survey for the first time. Previously, effort estimates were obtained by surveying random landline telephones in coastal states.

Technology advances such as caller ID and a shift to mobile phones rendered the telephone survey less valuable with each passing year.

Now, NOAA Fisheries estimates recreational effort through a mail-based survey, known as the Fishing Effort Survey (FES). Instead of random phone calls to landlines, the FES utilizes state recreational saltwater fishing license databases to reach licensed anglers and the U.S. Postal Service address database to distribute surveys to unlicensed anglers. The FES response rate is three times better than the landline survey and contains more complete information, resulting in improved recreational data.

The new FES and state conduct of APAIS represent a major step forward for recreational fisheries data collection. As with most scientific advances, progress is accompanied by new and unexpected challenges. In this case, increased accuracy and response rates have, for some species, produced harvest estimates that are many times higher than previously estimated. These discrepancies are more pronounced in recent years (2015-2017) and in fisheries with a large shore-based component. On the Atlantic coast, new FES estimates for private boats are about two times higher overall, and shore fishing estimates are 4.5 times higher overall. Red drum, striped bass, tautog and bluefish are among the

The full impact of increased FES estimates will not be completely understood for several years until benchmark stock assessments are conducted for each species. Atlantic striped bass and summer flounder, both of which have upcoming benchmark stock assessments, will be among the first two species for which population estimates and management decisions will be made using the calibrated MRIP data. Release of these assessments early next year will set the stage for discussions on the species' future management, including possible changes in biological reference points for striped bass and possible allocation adjustments for summer flounder.

While the new recreational catch and effort estimates may lead to difficult discussions ahead regarding changes in stock status and catch histories, the improved accuracy of the information can only contribute to better informed management decisions.

## NOTICE TO MARINERS AND FISHERMEN

# FISHING VIDEO TRAWL SURVEY Beginning on or about September 27, 2018

Estimated duration is 8 days



**Vessel: F/V Justice** 

LOA: 82 feet

Flag: USA

Standing by on VHF Channels 13 and 16

The University of Massachusetts Dartmouth School for Marine Science and Technology (SMAST) is conducting a video trawl survey within the Vineyard Wind Lease Area and control area. The survey transects will be spaced 2 nautical miles apart.

Collecting data and working with the local fisheries, Vineyard Wind is committed to communicating and working with the local fishermen in the region during all stages of development of the proposed offshore wind farm. Data collected will provide abundance estimates for commercially important species from both areas and a comparison of the fish community between the two areas.

In advance of and during survey operations, we seek contact with fishermen who are or may be working in the survey area. Please see reverse side for chart of survey area.

Please contact Crista Bank, Fishery Liaison, for latest information. Cell: 508-525-0421 • Email: cbank@vineyardwind.com





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### Atlantic Large Whale Take Reduction Team Meeting

October 9 – 12 Providence, Rhode Island

<u>Meeting goal</u>: Develop and discuss potential modifications to the ALWTRP to further reduce impacts of U.S. fixed gear fisheries on large whales and reduce mortality and serious injury to below PBR for right whales

<u>Anticipated output of this meeting</u>: Suite of potential recommendations to reduce large whale entanglements, to be evaluated and considered for refinement and consensus decision-making at our March 2019 ALWTRT meeting.

Day 1. Tuesday, October 9, 1:00 – 5:30 pm					
Opening Comments					
1:00 – 1:45 pm	Welcome and Introductions      Greetings: Sam Rauch, Mike Pentony     Introductions: Round robin     Meeting goals review: Mike Asaro     Logistics and agenda review: Scott McCreary and Bennett Brooks				
Overview of Right Whale Problem Statement					
1:45 – 3:15 pm	Review of North Atlantic right whale recovery challenges: Sean Hayes     Questions/Discussion				
3:15 - 3:30 pm	Break				
U.S. Management an	nd Enforcement Updates				
3:30 – 4:45 pm	Summary of large whale entanglements, serious injuries and mortalities: David Morin, Allison Henry     Enforcement updates: NMFS and USCG     Recovery plan implementation: Diane Borggaard, Barb Zoodsma     Questions/discussion				
Wrap up					
4:45 – 5:00 pm	Opportunity for brief Team member initial reflections				
5:00 – 5:30 pm	Public comments and close				

Day 3. Thursday, Oc	ctober 11, 8:00 am - 5:30 pm				
8:00 – 8:15 am	Recap of Day 2				
8:15 - 8:30 am	Call for any last minute revisions to proposals Review breakout group joint problem-solving goals and process				
Breakout Groups (with	mid-morning break)				
8:30 – 11:30 am	Breakout group proposal review				
11:30 – 12:00 pm	Initiate discussion of breakout groups' findings regarding proposals' merits  • Up to 20-minute discussion for each proposal				
	• Op to 20-minute discussion for each proposal				
12:00 - 1:00 pm	Lunch				
Identify Merits of Prop	osals (with mid-afternoon break)				
1:00 – 2:30 pm	Continue discussion of breakout groups' findings regarding proposals' merits  • Up to 20-minute discussion for each proposal				
2:30 – 5:00 pm	Discuss proposal elements that merit further analysis, including new ideas or new combinations of ideas				
Wrap Up					
5:00 – 5:15 pm	Opportunity for brief Team member reflections				
5:15 - 5:30 pm	Public comments and close				

Day 2. wednesday,	October 10, 8:00 am - 6:15 pm			
8:00 - 8:15 am	Recap of Day 1			
NMFS Field Monitoring and Research Updates				
8:15 – 9:15 am	<ul> <li>NEFSC aerial survey update: Tim Cole</li> <li>Southeast update: Clay George</li> <li>Large whale unusual mortality event updates: Jackie Taylor</li> <li>Questions/discussion</li> </ul>			
Canadian Research and	Management Updates			
9:15 - 10:15 am	• 2018 efforts and looking forward: Randy Jenkins			
10:15 - 10:30 am	Break			
Recent Fishery Gear Re	esearch			
10:30 – 12:00 pm	<ul> <li>Preliminary commercial trap/pot fishery gear characterization study: Erin Summers</li> <li>Summer 2018 and future ropeless research: David Casoni</li> <li>Review of scarring analysis and weak rope research projects: Amy Knowlton</li> <li>Update on NEFSC planned gear research</li> <li>Discussion of additional work being done: weak rope development, ropeless fishing efforts</li> <li>Questions</li> </ul>			
12:00 – 1:00 pm	Lunch			
Outcome of Feasibility	Subgroup Efforts			
1:00 - 2:30 pm	<ul> <li>Summarize feasibility subgroups' efforts: Colleen Coogan</li> <li>Review of Advanced Notice of Proposed Rulemaking: Mike Asaro</li> <li>Discussion of best practice recommendations for ropeless fishing exemptions</li> </ul>			
2:30 - 2:45 pm	Break			
Process for presenting	and reviewing candidate proposals for modifying the ALWTRP			
2:45 – 3:15 pm	<ul> <li>Review discussion objectives and joint problem-solving goals</li> <li>Discuss proposal presentation process</li> <li>Identify breakout group composition and review process</li> </ul>			
Presentation of Proposals				
3:15 – 5:45 pm	Six to eight proposals:              Five-minute presentation per proposal             Ten to 15 minutes per proposal for clarifying questions			
Wrap up				
5:45 - 6:00 pm	Opportunity for brief Team member reflections			

Day 4. Friday, October 12, 8:00 am - 12:00 pm					
8:00 - 8:15 am	Recap of Day 3				
8:15 - 11:30 am	Review team recommendations for promising proposal elements to advance for additional NMFS analysis.     Finalize selection and create work plan for NMFS analyses and preparation for March meeting				
11:30 - 11:45 am	Public comments and close				





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#### Sustaining a thriving lobster fishery through science and community

Summer 2018

Dear Volunteers and Friends of The Lobster Conservancy,

#### **Event of the Season**

The Lobster Conservancy's 25th and founder Diane Cowan's 45th Anniversary Party

As you may have noticed from the invitation, I struggled to decide which year to mark as The Lobster Conservancy's beginning. I settled on 1993 because that is when I began the long-term census of juvenile lobsters that became the volunteer-based Juvenile Lobster Monitoring Program that needed a home. The Lobster Conservancy was founded to provide that home.

But, in another sense, The Lobster Conservancy could never have existed if I hadn't written a paper entitled, "Lobsters: An In-Depth Study" 45 years ago.

The primary purpose of the party was to thank each and every one who has been a part of my lobster journey and to invite more people to join the dance, improvise and fashion new steps.

Thank you to all who attended the party and to those who couldn't but sent gifts and well wishes anyway. I am deeply moved by the outpouring of joy and support.



#### **Special thanks** to:

Tom Joyal and Tiffany Hirst – propietors of Tiny Barge Transport, LLC – for ferrying happy party goers back and forth in Tiny Barge Vessel *Lil and Grace* – and for providing and housing the port-a-potty! Tiny Barge Vessel *Lil and Grace* is beached at the far right in the above photo.

Ed Morrill for the gorgeous party photo above and artist Joyce Morrill for replacing her *Maine Beauty* – the beautiful lobster photo that used to hang on the wall of the mainland



### **The Lobster**

### Conservancy

office before succumbing to ruin in January when we also lost our mainland base for so many months that I have since decided to give up on the mainland all together. TLC is now 100% off-grid! We're making a go of running this organization island only. I'm happy that *Maine Beauty* is here to adorn the headquarters! I'll keep you posted on how island only life and work goes. One thing's for certain: this just about does away with our carbon footprint which is good, but it's hard to believe one tiny organization can put a dent in stopping the acceleration of skyrocketing CO<sub>2</sub> levels. It's worth a try.

Philip & Susan Bramhall for logistic support, party tent, huge container of ice – like they use for bait! – and picking the meat out of the leftover lobsters in seconds flat. Very impressive lobster skills.

Bob Zeitlin & George Baker for ferrying Martin and Davis Point passengers, respectively.

Joe MacIlvaine (Martha's brother – for those of you who knew Martha, our first Friendship volunteer, beloved friend and giver of Bear) for helping unpack party stuff that used to be at mainland office, set-up and plan during the weeks leading up to the party

And most especially Bob & Kim Cowan for set-up, break-down and helping to host the party!

I'm happy to report that there was at least one person present at the party from every milestone along the way. My younger brother, Bob – whom I continue to lean on when I have some big decision to make – has been there from the beginning. He sat beside me 45 years ago when I chose lobsters.

#### **Lobster Conservancy Science and Conservation**

Contributing to Lobster Management

The primary science goal of The Lobster Conservancy is to demystify lobster biology by replacing gaps in knowledge of lobster life including courtship and mating, migrations, molting and growth with empirical data gathered from lobsters in nature. Our primary conservation goal is to share and contribute our data and knowledge to lobster management and policy makers so the truth about lobsters is available for use in making better informed decisions.

On May 16, we worked toward the conservation goal by participating in the Atlantic States Marine Fisheries Commission stock assessment data workshop at the University of Rhode Island. We presented and contributed our unique long-term mark/recapture dataset as the best available data for estimating growth rates in juvenile lobster age 1-5. These data are



#### **The Lobster**

### Conservancy

intended for use in the 2020 American lobster benchmark stock assessment. Stay tuned for outcomes.

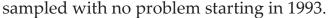
New Initiative: Where have all the baby lobsters gone?

Across the board, various surveys used to detect larval, post-larval and recently-settled juvenile lobster have come up short for nearly a decade. Because time of hatching, time of settlement and juvenile growth rates are highly variable, there's a lot of overlap between year classes. That means that a few "off-years" may not be cause for alarm. But a decade is an entire generation time for the American lobster. It's time to try to do something to help.

The apparent underrepresentation of young-of-the-year lobster in the population deserves careful study and perhaps a bit of tinkering.

Perceived Problem: Loss of Lobster Nursery Habitat

The Lobster Conservancy (TLC) Juvenile Lobster Census is among the studies to detect a decline in numbers of post-larval and early juvenile lobsters. In 2009, TLC students, volunteers and scientists began having trouble gaining access to lobster nursery habitat we







At first, the problem was that the tide just didn't go out far enough to expose the "lobster rocks" we used to flip. Later on, some of the previously rocky nursery habitats became buried in sediment. These days, it's a rare treat to be able to sample at all.

Our working hypothesis is that sea level has risen sufficiently to convert the previous intertidal lobster nursery habitat to subtidal habitat. That alone would be enough to prevent us from using our sampling method but it wouldn't be enough to keep the lobsters



#### **The Lobster**

### Conservancy

from settling – lobsters like subtidal habitat just fine. The sediment though. That's a problem. To settle and survive early life, tiny lobsters need a place to hide.

Potential Solution: Create Lobster Nursery Habitat

The post-larval lobsters that settle today become the future landings that are the life blood of towns like Friendship when the baby lobsters finally get big enough to keep seven to 11 years from now. I miss seeing and counting those tiny lobsters. So do the volunteers. Knowing when and where the lobsters settled and grew up year after year made us feel confident that the future looked bright. Now, we just don't know. We hope the post-larval lobsters settle somewhere else. Although, we've looked and looked for that "somewhere else" – we haven't found it.

So, this summer, staring out at the 6-acre cove converted to grist mill in 1797, then to lobster pound in 1897, and TLC research center in 1998 – I decided to try creating lobster nursery habitat right here. My plan is to make areas of the lobster pound look just like the habitat we used to sample. Maybe The Lobster Conservancy can help give larval and post-larval lobsters the boost they may need to make it through current conditions they're dealing with in this time of rapid climate change.

Just at the right time, summer Friendship Long Island Pink House resident Daniel Colten Schmidt showed up and asked if he could help out at The Lobster Conservancy. Daniel built two prototype lobster nursery habitat "transects" in the Friendship lobster pound.





In addition to providing putative places for post-larval lobster settlement, we are testing hypotheses related to what makes a good nursery. Preliminary data from our pilot study suggests that I am wrong about some of my ideas of what makes lobster nursery habitat



attractive to lobsters! Finding out you're wrong is the best part of science because it gives you opportunity to figure out why you're wrong and learn how to get closer to right!

Anyway, I'm pretty fired up about this new project and will keep you posted on progress.

#### Lobster Conservancy Education: History and Science at the Pound

Friendship Librarian Celia Briggs organized "Kid's Day at the Pound" brought to you by the Friendship Public Library. Celia gave a history lesson about the Friendship Lobster Pound. I led a walk around the pound describing past and present research projects while pointing out landmarks such as Pick-up-Point, Scow Cove, Hermit Cove, etc. and sharing anecdotes about how lobsters, their predators and competitors use each part of the pound. Children collected as many different marine organisms as they could find for me to identify and tell stories about the lives of the flora and fauna in the pound.



#### Recent publications, press and suggested reading

https://www.theatlantic.com/photo/2018/08/daily-life-in-maine-as-photographed-by-robert-f-bukaty/568651/ https://www.pressherald.com/2018/08/26/a-chance-meeting-at-a-harpswell-tidepool-as-a-child-set-meredith-white-on-a-career-path/

Cowan, D.F. March 2018. Ocean Warming in a Sea of Change. Ask the Lobster Doc column, Commerical Fisheries News.

Cowan, D.F. June 2018. The Sea also Rises at Low Tide. Ask the Lobster Doc column, Commerical Fisheries News.

Church, J.A., P.U. Clark, A. Cazenave, J.M. Gregory, S. Jevrejeva, A. Levermann, M.A. Merrifield, G.A. Milne, R.S. Nerem, P.D. Nunn, A.J. Payne, W.T. Pfeffer, D. Stammer and A.S. Unnikrishnan, 2013: Sea Level Change. In: Climate Change 2013: The Physical Science Basis. Contribution of Working Group I to the Fifth Assessment Report of the Intergovernmental Panel on Climate Change [Stocker, T.F., D. Qin, G.-K. Plattner, M. Tignor, S.K. Allen, J. Boschung, A. Nauels, Y. Xia, V. Bex and P.M. Midgley (eds.)]. Cambridge University Press, Cambridge, United Kingdom and New York, NY, USA.

Yours in TLC and Friendship,

Diane F. Cowan, Ph.D. President dcowan@lobsters.org

<u>www.lobsters.org</u>
<u>www.lobsterconservancy.org</u>
www.facebook.com/TheLobsterConservancy

20

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#### Wellfleet

October 25 (Safety) & 26 (Drill Conductor), 9:00 a.m. - 5:00 p.m. Wellfleet Harbor Town Pier, 255 Commercial St., Wellfleet, MA 02667

#### **Martha's Vineyard**

November 8 (Safety) & 9 (Drill Conductor), 8:00 a.m. - 4:00 p.m. Coast Guard Station Menemsha (Boathouse), 27 Boathouse Rd., Chilmark, MA 02535

Programs fill quickly. Pre-registration is recommended for all Safety and Drill Conductor courses; visit **www.fishingpartnership.org** for more information on upcoming trainings, or to register.

#### **About Us**

The mission of Fishing
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to promote the health, safety
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Burlington, MA, and maintains
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[In association with Massachusetts Fishermen's Partnership]



# **Atlantic States Marine Fisheries Commission**

### **NEWS RELEASE**

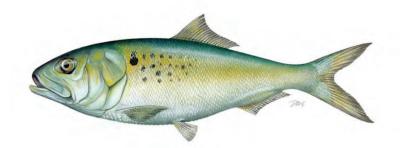
Vision: Sustainably Managing Atlantic Coastal Fisheries

FOR IMMEDIATE RELEASE September 24, 2018

PRESS CONTACT: Tina Berger 703.842.0740

### Atlantic Menhaden Benchmark Stock Assessment Workshops Scheduled for October 9 - 12, in Arlington, VA

Arlington, VA – The Atlantic States Marine Fisheries Commission's Atlantic Menhaden Stock Assessment Subcommittee (SAS) and Ecological Reference Points (ERP) Workgroup will be meeting October 9 – 12, 2018, at the Commission's office, 1050 N. Highland Street, Suite 200A-N, Arlington, VA. The SAS will meet October 9 – 10, while the ERP Workgroup will meet October 11 – 12. Both



groups will focus on completing a thorough review of all data to be used in both the menhaden single-species and ecosystem-based benchmark assessments. The SAS will also begin to explore modeling approaches, while the ERP Workgroup will continue to explore various modeling approaches to evaluate the health of the stock and inform the management of the species in an ecological context. Both assessments will be peer-reviewed at the end of 2019.

The deadlines for the submission of data and alternate multispecies or ecosystem models have passed. The deadline for submission of alternate single-species models is **Thursday, November 1, 2018**. For alternate models to be considered, the model description, model input, and complete source code must be provided to Dr. Katie Drew, Stock Assessment Team Leader, at <a href="kdrew@asmfc.org">kdrew@asmfc.org</a> by November 1, 2018. Any models submitted without complete, editable source code and input files will not be considered.

For more information about the assessments or attending the upcoming workshops (space will be limited), please contact Max Appelman, Fishery Management Plan Coordinator, at <a href="mappelman@asmfc.org">mappelman@asmfc.org</a> or 703.842.0740.

###

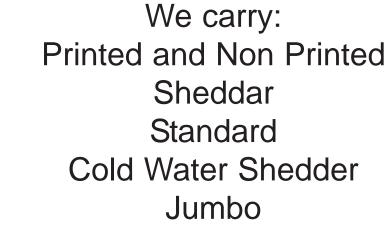
PR18-29

The Atlantic States Marine Fisheries Commission was formed by the 15 Atlantic coastal states in 1942 for the promotion and protection of coastal fishery resources. The Commission serves as a deliberative body of the Atlantic coastal states, coordinating the conservation and management of nearshore fishery resources, including marine, shell and diadromous species.



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Red

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### **Install A High-Water Alarm**

### This easy install could save your boat.

Can your boat flood without your noticing until a ton of water is already aboard? If your boat has a closed cabin or enclosed compartments, the answer is likely yes. It's so easy to protect against this risk that it really should be standard equipment on new boats, like the ignition key beep in your car. All you need is an inexpensive float switch, an equally inexpensive 12-volt buzzer or siren, an in-line fuse holder, hookup wire, and crimp connectors. You can purchase marine alarm units with both light and sound alarms. If so, follow the manufacturer's instructions.

Locate the float switch in the lowest part of the boat, but higher than the automatic bilge pump. You only want it to activate if the amount of water coming aboard exceeds the discharge capacity of the pump or if the pump has failed to run. Locate the buzzer or siren near the helm so it can be heard over all other external noise.

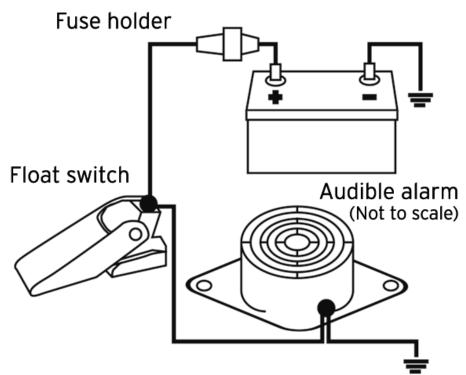
Remove the fuse from the fuse holder, then crimp an appropriate terminal to one of its leads and connect that to the positive battery terminal or to some other 12-volt terminal that's always energized. The fuse is there to eliminate any fire risk that can occur with a short circuit and should be as near the power source as possible.

With the fuse still removed, use a crimp butt-splice connector to connect the other holder lead to the hookup wire. Route the wire to the mounted float switch, cut it to length, and connect it to one of the switch leads with a butt-splice connector. With a similar length of wire and two connectors, connect the other switch lead to one of the leads from your buzzer. The other buzzer lead gets connected to a battery ground terminal.

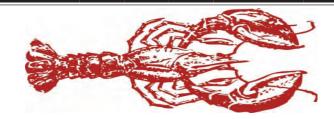
Reinstall the fuse and test your circuit by manually lifting the float switch. Secure the switch connections higher than the switch so

they'll remain dry in the event of rising water activating the float switch. Also use heat-shrink connectors and cover with silicone marine sealant. Because the float switch remains dry unless water rises above expected

#### FOR your HEALTH



levels, this alarm should prove 100-percent reliable without attention, but it's still a good practice to test it periodically by lifting the float. http://www.boatus.com



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## 2019-2020 MLA Delegates Election Preparations are Underway

As the 2018 Delegate 2017-2018 term is winding down and we prepare for the 2019-2020 Delegate elections we don't want you to miss your opportunity to participate as an Area MLA Delegate. These ballots for the two year term, 2019-2020, will be vetted for distribution on December 1, 2018.

What are the criteria for you to become an MLA Delegate you ask; 1. You must be a MLA member in good standing, 2. You must hold a MA Coastal Lobster Permit and 3. You have the enthusiasm and desire to be at the table representing your area. Whether you are a new member or a longtime member you are eligible to be an involved member with a seat at the table.

You might also be thinking what do you do as an MLA Delegate? Your participation at as many of the eight MLA Delegates meetings per year is important. These meetings are during the months of January, March, April, May, June, September, October and December. Meeting notices are mailed prior to the meetings which are held at the Sons of Italy Hall in Quincy at 7:00pm and carpooling is always encouraged. Also by you keeping up on current fisheries issues and being informed first hand, helps you keep your fellow fishermen informed instead of going with the flow. By becoming an MLA Delegate you will have a say, a voice, a vote and offer input on industry issues.

You may also be asking yourself how you can be included on the ballot. You can call the MLA Office and ask to be added to the ballot by November 1<sup>st</sup> or you can embark on a write in campaign. A write in campaign is when you seek support from other area MLA voting members to write your name in on the ballot for a seat at the table. You can also email your interest in becoming a Delegate to <a href="mailto:beth.casoni@lobstermen.com">beth.casoni@lobstermen.com</a> and your name will be added to the correct ballot for your area.

Your participation and dedication to the continued success of the Massachusetts Lobstermen's Association and the commercial lobster fishery here in the Commonwealth is greatly appreciated. If you have any questions about becoming an MLA Delegate do not hesitate to call the MLA office with any questions 781-545-6984 xt1.

#### **Meet Riverdale Mills New Director OF SALES**



Riverdale Mills Corp., a leading global manufacturer of welded wire mesh based in Northbridge, MA. announces the appointment of Dave Stevens as its new Director of Sales and Marketing.

In this important role, Stevens is responsible for domestic and worldwide sales and marketing of the company's 3,500 product configurations for the marine, security, construction, and agriculture industries.

An experienced and energetic leader known for his ability to build and mentor effective teams, Stevens will develop strategic programs to advance sales of new and existing products and services, while instituting exemplary standards for the company's already high levels of customer service.

"We are pleased Dave has chosen to take on these new marketing and sales responsibilities for Riverdale Mills," said company CEO Jim Knott. "His efforts will be instrumental in helping us grow our existing business and maintain and expand our global leadership across all markets."

Stevens joined Riverdale Mills in 2017 as the director of Training and Project Management. He previously held senior management positions with regional, national and global brands: Target, Starbucks, Meijer, and Triple-T Truck Centers.

A decorated veteran, Stevens served his country for 20 years with the U.S. Army. He deployed to Iraq, Saudi Arabia, and the former Republic of Yugoslavia, and was twice awarded the Bronze Star Medal, in 1991 and 2004.

An Indiana native, Stevens earned his Bachelor's degree at Wake Forest University and his MBA from American Intercontinental University.



FOR IMMEDIATE RELEASE September 25, 2018

PRESS CONTACT: Janice Plante (607) 592-4817, jplante@nefmc.org

# Whiting: Council Agrees to Reopen Comment Period on Amendment 22; Receives Annual Monitoring Report

The New England Fishery Management Council has decided to reopen the public comment period for Whiting Amendment 22, which is being developed to potentially limit access to the small-mesh multispecies fishery. The amendment contains several alternatives related to: (1) limited access qualification criteria; (2) possession limits by permit type; and (3) permit conditions.

The Council held five public hearings on the amendment in July but then discovered a discrepancy between the number of estimated qualifying vessels cited in the amendment's Draft Environmental Impact Statement (DEIS) versus the public hearing document itself. The DEIS contains the correct number of estimated qualifiers. Those numbers are lower than those listed in the original public hearing document.

In order to prevent any potential misunderstanding, the Council agreed to hold an additional hearing via webinar – details will be forthcoming – to explain the discrepancy to fishermen and solicit additional

comments from all interested stakeholders. The table at right contains the correct number of estimated qualifying vessels under each alternative.

The Council will take final action on Amendment 22 during its December 4-6, 2018 meeting in Newport, RI.

Summaries of testimony collected during the previous public hearings are available at <u>July 2018 hearings</u> and <u>written comments</u>.

Once available, information about the upcoming webinar will be posted on the Council's website at whiting meetings and documents.

#### **Limited Access Qualification Criteria**

\* November 28, 2012 control date

Alternative	Qualifying period	Qualification Criteria (Pounds of small-mesh multispecies & number of qualifiers)		
		Category I	Category II	
1	2008-2012*	500,000 lbs.	100,000 lbs.	
	5 years	40 vessels	74 vessels	
2	2008-2012*	1,000,000 lbs.	20,000 lbs.	
	5 years	20 vessels	203 vessels	
3	2008-2016	500,000 lbs.	100,000 lbs.	
	9 years	51 vessels	90 vessels	
4	2000-2016	500,000 lbs.	100,000 lbs.	
	17 years	55 vessels	124 vessels	
5	1996-2012*	1,000,000 lbs.	200,000 lbs.	
	17 years	84 vessels	159 vessels	

NOTE: The number of qualifying vessels, especially for Alternatives 4 and 5, is lower in the corrected table above than in the estimates listed in the original public hearing document. Each alternative contains two permit categories covering different levels of historical landings: (1) a higher-poundage Category I permit; and (2) a lower-poundage Category II permit. Some alternatives use the November 28, 2012 control date as a cutoff point for landings, while others do not.



The "Whiting Amendment" falls under the groundfish plan, which is why it's officially called Amendment 22 to the Northeast Multispecies Fishery Management Plan. The amendment covers five stocks of small-mesh multispecies: northern silver hake, southern silver hake, and offshore hake, which collectively are referred to as "whiting", plus northern red hake and southern red hake.

#### **Annual Monitoring Report for Fishing Year 2017**

The Council also received a presentation on the Annual Monitoring Report for Fishing Year 2017, which was prepared by the Greater Atlantic Regional Fisheries Office (GARFO) and the Northeast Fisheries Science Center. The report was reviewed by the Council's Whiting Plan Development Team, which added conclusions and recommendations.

This is the first monitoring report since the Council approved 2018-2020 specifications for small-mesh multispecies. The new report covers the 2015-2017 specification cycle and includes: (1) a fishery performance report; (2) a description of trends in effort and economics; and (3) an update in survey biomass trends, which can alert the Council to any rapid changes in stock condition that could require proactive action. Here are some of the highlights.

- Landings, catch, and effort generally declined across the board by about 10% to 20%. This decline *potentially* was related to vessels switching to squid fishing in 2017 due to increased availability of squid.
- Small-mesh multispecies catches remained well below the annual catch limits (ACLs) and did not trigger any post-season accountability measures.
- The low total allowable landing (TAL) limit for northern red hake may be hindering landings of red hake and could be keeping catch well below the ACL.

#### Biomass by Area

# Northern Management Area: the biomass of northern red hake and northern silver hake remain high and stable.

Southern
 Management Area:
 the trend for
 southern silver
 hake could not be
 updated for 2017
 due to incomplete
 survey coverage.

#### Fishing Year 2018-2020 Specifications in Metric Tons (mt)

Stock	OFL	ABC	ACL	Change	TAL
	Overfishing Limit	Acceptable Biological Catch	Annual Catch Limit	from 2016- 2017	Total Allowable Landings
Northern Silver Hake	58,350	31,030	29,475	+27%	26,604
Northern Red Hake	840	721	685	+45%	274
Southern Whiting	31,180	19,395	18,425	-35%	14,465
Southern Red Hake	1,150	1,060	1,007	-38%	305

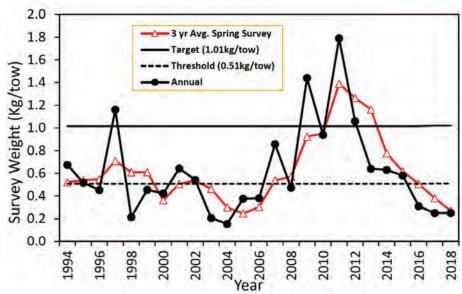


- Using the southern silver hake index through 2016, stock biomass declined recently to below its target level, but it remains above the overfished threshold. Commercial southern whiting catch per trip, however, declined by 37% in 2017.
- **Southern red hake** continues to be a problem. The biomass index for this stock uses spring survey data, which allowed for an update through 2018. Values since the 2016 survey have been below the threshold
  - level and, thus, the southern red hake stock is considered to be in an "overfished" condition.
- In January 2018, the Council was notified by GARFO that it must develop a rebuilding plan for southern red hake within two years.

A copy of the complete annual monitoring report is available HERE

The Council also voted to approve a list of items intended to streamline small-mesh multispecies regulations. The Council recognized that some issues identified in the list could be addressed through NOAA Fisheries action, while others might be addressed through a future Council action, including one regulation that

#### **Southern Red Hake Survey Biomass**



Above is the updated survey biomass trend in stratified mean weight per tow (in Fishing Survey Vessel Albatross units) for southern red hake compared to biological reference points. The horizontal dashed line represents the biomass threshold and the solid horizonal line is the biomass target.



Silver Hake (Merluccius bilinearis). – NOAA Fisheries graphic

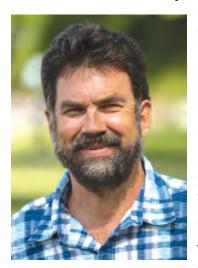
prohibits transiting in Closed Area II with small-mesh trawl gear aboard. View the complete list of as discussed by the Council at <u>Regulatory Streamlining</u>.

For more information, contact Andrew Applegate, the Council's small-mesh multispecies coordinator, at (978) 465-0492, ext. 114, <a href="mailto:applegate@nefmc.org">applegate@nefmc.org</a>.

Also, visit the Council's whiting webpage at <a href="https://www.nefmc.org/management-plans/small-mesh-multispecies">https://www.nefmc.org/management-plans/small-mesh-multispecies</a>.

# Wahle named director of the Lobster Institute

### at the University of Maine





University of Maine marine sciences research professor Richard Wahle has been named director of the University of Maine's Lobster Institute, effective Sept.1.

He succeeds Robert Bayer, who has directed the institute since 1995 and is retiring from UMaine this year.

Wahle joined UMaine's School of Marine Sciences in 2009. He is based at the University's Darling Marine Center, where he will continue to teach and conduct research. In 1989, Wahle founded the American Lobster Settlement Index, a program that now monitors the number of juvenile lobsters that settle to the seafloor at over 80 sampling sites from Rhode Island to Atlantic Canada. The index sheds light on the ocean processes that deliver lobster larvae to their rocky coastal nurseries, and serves as a predictor of trends in recruitment to the fishery.

"This is a wonderful opportunity to enhance UMaine's engagement with all sectors of the lobster fishery and resource management in the U.S. and Canada at a time when challenges to the industry seem to be coming from all corners," says Wahle, who has a Ph.D. in zoology from UMaine.

In his new role, Wahle plans to energize and expand the existing connections of UMaine's distinguished researchers and communicators to the lobster industry and resource managers in the state and region. Among the first initiatives will be establishment of a group of affiliated UMaine faculty and student researchers to extend the institute's impact and reach.

Wahle also envisions the Lobster Institute as a major disseminator of information on new developments in research.

"Rick is a rising leader in the college with strong credentials in ecology, oceanography and fisheries science, especially when it comes to the American lobster," says Fred Servello, who oversees the institute as dean of the College of Natural Sciences, Forestry, and Agriculture. "The college could not hope for a better person to lead the Lobster Institute's next chapter and advance its role in research."

At UMaine, Wahle has been involved in fisheries research in New England and Atlantic Canada since 1985, and is well known in the lobster industry and among fishery managers. He has published widely in the scientific literature on lobster and other invertebrate species of commercial importance, such as scallops, sea urchins and crabs. In the past few years, he chaired two major international scientific conferences on lobster biology and management, both hosted by UMaine.

Prior to joining the University of Maine in 2009, Wahle was a senior research scientist at Bigelow Laboratory for Ocean Sciences for 15 years. He held two postdoctoral positions at Brown University and the University of Rhode Island, with a short stint in Ireland working on the European lobster. He has also collaborated on research in Chile's remote Juan Fernandez Islands, which host an endemic species of spiny lobster. He currently serves as an adviser to the development of another spiny lobster fishery in the Andaman Islands of India.

The mission of the University of Maine's Lobster Institute is to conduct research and educational outreach to steward the lobster resource and preserve lobstering as an industry and as a way of life. More information is online. Contact: Margaret Nagle, 207.581.3745



September 11, 2018

Massachusetts Lobstermen's Association 8 Otis Pl Scituate, MA 02066-1323

Dear Friends,

Thank you for your donation of \$150.00, made in memory of James M. Knott. Your donation was received on September 11, 2018 and is truly appreciated. Acknowledgement of your donation has been sent to Mr. and Mrs. Andrew Knott and Family.

Thank you for thinking of our organization when it comes to remembering your loved ones. We hope you find solace in knowing that your donation honors their memory by providing shelter and care for animals in need.

Sincerely,

Rebecca Baylies Of Director of Development

Cape Ann Animal Aid is a non-profit, no-kill organization dedicated to facilitating appropriate placement of adoptable animals and enhancing the lives of all companion animals by promoting respect and well-being through education and outreach.

Please consider this letter official receipt of your tax deductible contribution on September 11, 2018 in the amount of \$150.00. No goods or services were provided to you in consideration of this gift. Our federal tax identification number is 04-2374914. This organization is a 501c(3) tax exempt organization, IRS Section 170(b)(2)(iii) for both federal and state tax purposes.

#### **RECIPE** of the **MONTH**



## PUMPKIN LOBSTER

Mac & Cheese.

1 (12 ounce) package shell pasta

2 tblesp. Butter

1 tblesp. Minced shallot

1tblesp. flour

1 (12 oz.) can evaporated milk

1 (8 oz.) pkge. Shredded Cheddar cheese

1(8oz.) container mascarpone cheese

1 cup canned pumpkin puree

1 tsp. Lemon zest- salt & pepper to taste

1 pinch garlic powder

1 pinch paprika, to taste

1 pinch ground nutmeg, or to taste

2 dashes hot sauce

1 pound cooked lobster tails, peeled and chopped

1 (12 oz) package gr. peas, thawed

1/3 cup grated Parmesan cheese

2 tablespoons margarine, melted



- Bring a large pot of lightly salted water to a boil. Cook pasta but still slightly firm, about 10 minutes; drain and set aside.
- Preheat the oven to 375 degrees
- Grease 9x13-inch casserole dish.
- Melt 2 tablesp. butter in skillet over medium heat. Stir shallot in melted butter until lightly browned, about 5 minutes.
- Whisk flour into butter & shallots to form a smooth paste.
- Slowly whisk evaporated milk into flour mixture until it forms a smooth sauce; simmer until thickened.
- Add cheddar & mascarpone cheese into sauce until cheeses have melted.
- Stir pumpkin puree, lemon zest, salt, pepper, garlic powder, paprika, nutmeg, hot sauce into the sauce until combined
- Lightly mix in lobster tail meat, green peas, and cooked pasta shells until
- 10. Pour mixture into prepared casserole dish; top with panko crumbs and Parmesan cheese. Drizzle 2 tablesp. melted butter over casserole.
- 11. Bake in preheated oven until top is brown and crisp, 40 minutes.



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 $A\,\text{D}$  #1 (6/18) FOR SALE –Rapp Hydema HMN 03 w/ 3 spare motors spare hydro-hoses 2 sets of spare rollers \$5,500. OBRO 2006 Four man Elliot Life Raft last repacked in 2015 \$500. OBO 1 ACR Eperb still compliant \$200. Call Aaron at 401-218-5764 or e-mail nbf05@verizon.net

AD#2 (8/18) FOR SALE – 35' Novi lobster boat, Clayton Atwood 1988; 215 Cummins, approx. 2500 hrs.; chart plotter, sounder, radar, 2 vhf, auto pilot; Mass area 2 lobster permit with 120+ trap allocation, sea bass and scup pot permits; traps, warps and other assorted gear; trap building tools; vats, totes, barrels and other miscellaneous items; 800# ice machine. Everything must go. Package deal, will not split up. \$85,000. Currently fishing. Located on Martha's Vineyard. 774-563-0393

AD#3 (4/18) FOR SALE- Detroit 671 Engine with transmission 2:1 gear Runs great, pulled out of boat to install bigger motor New: heat exchanger, 4 valve cylinder head, Jabsco raw water pump & coolant pump Comes with pto \$5,000. Call Randy at 781-961-1300

AD#5 (08/18) FOR SALE-State and Federal Lobster License 800 trap history 60,000.00 Call Mark @ 781-844-8979

AD#6 (6/18) FOR SALE-Used equipment: Rapp Hydema HMN 03 Lifter(like new), SS setting bar 6'X6'X2.5", solid fiberglass net box or wash tub 6'wx42"dx32"h, 24+ orange floats, 2 lg grey vats w/covers, \$3,500 or BRO. (3) Pieces of flexible rubber exhaust hose BO, 9'8"x2" like new SS shaft with taper and keyways \$500. 774- 264- 0140

AD #7 (6/18) SERVICE – Diesel fuel cleaned – mooring diving – propeller repair – will travel call Fran 781-545-4154

AD#8 (8/18) FOR SALE-17 Ft working skiff with trailer- no motor- Area 2 Federal Permit-74 pot limit on the license \$5,000 OBO Call Mike @ 508-274-6372

AD#9 (5/18) FOR SALE- 19 FT Novi Lobster skiff 50 hp Suzuki 4 stroke electronics full hydraulics Call Dave @ 978-283-0944

AD#10 (9/18) FOR SALE- Area 1 Mass State Lobster Permit – Offers encouraged Call Ron 978-500-8692

AD# 11 (6/18) FOR SALE- 2001 Kawasaki Voyager Full dresser less than 8,000. miles \$2,500.00 781-724-4960

AD# 12 (9/18) FOR SALE-Hydraulic Components, parts and service. Pumps, Motors, Valves and Accessories. Hydraulic Hoses made while you wait. Great Prices – Same day service (in many cases)- Wide selection of in-stock items. Rebuilt items are occasionally available. Call ROSE MARINE, Gloucester, MA 877-283-3334

AD# 13 (6/18)FOR SALE- 42 ft Solid Fiberglass Dragger, Scalloper. 350 hp Detroit 8-92, twin disc 3-1, 2-3/4 shaft  $36\times38$  prop, 40 gpm hydraulic pump, split winches, Charlynn 6,000 Net reel, Out Riggers, 4 fuel tanks approx 275 gallons each, 40,000 pound fish hole. \$80,000 lf interested call. 508-776-8569.

AD# 14 (5/18) FOR SALE- 23 foot Crowley Beal lobster skiff, Suzuki outboard very low hours. Honda motor to run pot hauler. Has pilot house, great starter boat. Traps could be worked into the deal if interested. Call or text 978-930-5819 for pictures and details

AD# 15 (9/18) FOR SALE- 35 ft Ralph Stanley wood lobster boat 1974 CAT 3208 / 205 HP \$14,000.00 OBO Call John 401-525-0981 (Boat located in Mass)

AD# 16 (8/18) FOR SALE-4ft long, 10 in wide, 20 in high, 37 gallon capacity, drain valve mounted on tank, 1/4 inch aluminum construction, suction and return fittings. Was mounted under gunnel. Tank is in excellent condition. \$300 or Best offer 4 inch stainless steel exhaust pipe 45 degree

angle \$100 or best offer. Contact Tony at 508-932-0990

AD# 17 (9/18) FOR SALE-Lobster Business: Turn Key 31' BHM, Area 1 Mass State License, 800 Trap Allocation 400+ Traps Rope and Buoys CAT 3208 375 hp. w/ approx.. 6500 hrs on rebuild Twin Disc 507 2.5:1. 2" Shaft 28×28 Lh Wheel 14" Hydroslave Hauler A-Frame Davit #4 Block Split Wheelhouse. 4 Bunks, 2 BUS Heaters Electronics: Furuno 24 Mi. Radar Furuno FCV-295 Sounder 2-Furno GPS's GP 30-GP32 Simrad Ap035 Autopilot Si-Tex SNS-1100 Plotter 2 Standard VHF's Jensen AM-FM Stereo 30 Amp Battery Charger, Breaker Panel Pitts Clutch 12 Gallon Hydraulic Tank 160 Gallon Diesel, Life Ring 4 Person Raft Needs Re-Pack EPIRB, 3 Fire Extinguishers Cruises 14 Knots 18 Knots WOT Call 978-337-0231 mdntblues@ aol.com

AD# 18 (8/18) FOR SALE-Traps 425 in count  $48 \times 21 \ 1/2 \times 13$  Friendship -light loads runners- 75  $48 \times 21 \ 1/2 \times 13$  composite runners bridled kitchen ends w/ or w/out rope starting @ 35.00 each- 6-months – 4 years old Call Ron @ 978-500-8692

AD#19 (8/18) FOR SALE- REDUCED PRICE JOHN DEERE 455 HP 6125 AFM with Twin disc 507A 2:1 gear, new turbo, spare alternator, New engine mounts, new electric throttle, filters etc. Asking \$7,500 Call Mike at 1-978-745-6182

AD#20 (6/18) FOR SALE- 3 ft., traps w/ rope-some are shark mouth/hoop parlor w/ rope \$15.00 each Call Jeff 671-688-0914

AD#21 (6/18) FOR SALE-Tuna tower and pulpit \$1,000.00 22 ft Stainless steel exhaust muffler 4 inch \$500.00 -Al 508-280-3038

AD#22 (6/18) FOR SALE- 40 traps; three foot brooks, three brick shrimp mesh heads. Brand new 40 traps; four foot used yellow 30\$ a piece. Call Pete 978 356 8950

AD#23 (6/18) FOR SALE-32 "Lobster Boat -Fiberglass Maine lobster or tuna boat Holland 1984. 454 gasoline engine 3 years old, 12" pot hauler. Currently used for lobster fishing everyday. New boat coming, must sell. 28,000.00 Call 978-884-2988



### AD#24 (6/18) FOR SALE- Lee- extra strong outriggers 22 ft long Ideal for a lobster boat \$450.00 508-813-8921

AD#25 (7/18) FOR SALE- 222 area 2 dual allocation state & federal tags for sale, 150.00 ea. Ma state lob. permit and Fed. permit also available. Will sell together or separate.  $508\,996\,1001$ 

AD#26 (6/18) FOR SALE – BUNGEE CORD ON SPOOLS. Made in New England area. Call Jonathon "Mr. Bungee" 401-447-7973 or Jon@marineropeinternational.com 5/16" x 300'ft \$35.00/spool 5/16"x 500'ft \$50.00 spool All sizes, colors to choose from. Located in Cranston, RI

AD#27 (6/18) FOR SALE- Pot Hauler electric dyne extra duty gear 10 inch stainless steel sheaves custom made A frame aluminum diver control and gauge electric wire \$1,600.00 505-813-8921

AD#28 (6/18) FOR SALE -gill net flaker 5,000. obo 781-724-

AD#29 (6/18) FOR SALE 1989 42 ft Provencal 370 H.P. C7 Caterpillar low hours 507 twin disc gear new engine was installed and maintained by WindWard Power. 2 Furano gp 32 gps standard VHS, Sitex color machine, Humming bird depth finder. CRC 406 E-PRB Asking \$80,000 Call before 7 p.m. Bill 508-693-0310

AD#30 (6/18) FOR SALE- 6×10 bait cooler for sale, compressor and evaporator in good working condition. box is so so \$500 508-990-6706

AD#31 (6/18) FOR SALE- (REDUCED PRICE) 6 H.P. horizontal shaft engine with a steel sleeve. 1992 Tecumseh, USA made, pristine, never out of box-never started. Good for hauling rigs, log splitters, pumps etc. \$199.00 Call 508-269-1406

AD#32 (8/18) FOR SALE- Approx. 100 good used totes \$4.00 a piece-New 1-1/2 inch x 10 feet prop shaft AQ22 \$400.00-New 3&4 blade wheels 24-25 inch \$500.00 each. Large insulated fish tubs/boxes BONAR, SEA PLAST \$200 each, Grunden jackets \$20.00 each Ed @ 508-880-3600 or e-mail edmonds@att.net

AD#33 (7/18) FOR SALE-AREA 2 mass coastal lobster license for sale. 300 tag allocation Asking \$33K O.B.O. 1985 25ft privateer with Mercruiser 5.7 300 hrs on it. Electric clutch and grestchen hydraulic pump. Nice 2008 aluminum load-rite trailer. Asking \$12k O.B.O. 508 221 4622

AD#34 (6/18) FOR SALE-LOBSTER BOAT in Harpswell ME – 1977, 31Ft JC, 353 Detroit (4000 hours since major rebuild)2:1 Borg Warner gear, Hydro Slave steering, 700 traps available. Call 207-833-5505

AD#35 (6/18) FOR SALE- Complete turn key business- 36 ft Stanley built lobster boat-built in 1981- Last survey 2013, 2 chart plotters, 3 survival suits, radar, 2 VHF radios, Cummins 220 HP has 3500 hours, locator Beacon, 500 lobster pots and 70 buoys with all end lines, Boat and gear well maintained Area 1 state lobster permit, Area 1 federal permit- Package deal only- Asking \$111,500 OBO Boat is located in Scituate Mass Call between 4-6 pm 781-710-2918

AD#36 (9/18) FOR SALE- Lobster Traps/Gillnet gear- 2-300 39x22x15 ergo blocks shrimp mesh head, New -\$20/ Old-\$10 24inch Stainless Crosley gillnet hauler, stainless roller, stainless spreader/setting bar 100 gillnet w/railroad tie anchors / other misc: gillnet equipment \$5,000 OBO Call 781-333-6504

AD#37 (9/18) FOR SALE- Federal Lobster Area 1 permit. Offers encouraged - Call John @ 401-525-0981

AD#38 (7/18) Looking to Buy –CAP permit w/following endorsement: fluke, groundfish, sea scallop, squid, whiting. Call/text 508-951-5952

AD#39 (7/18) FOR SALE- 150 Pono Traps 36" 3/8 Everson rope \$20 each Call Steve 781-258-0632

AD#40 (8/18) FOR SALE-31' Custom Boat with Flybridge – Beautiful ship lap fiberglass hull built in the 1970's with custom Mahogony cabin and cuddy – Powered with Mid 1980's Twin Volvo Penta TAMD 40B Diesel engines with MS3B 1.94:1 gearboxes. This boat has the potential to be restored or used as a mechanical parts boat. Asking \$5000.00 Call Rick @ 413-478-6958 or Email RJK151@aol.com

AD#41 (7/18) FOR SALE- 100 wood conch pots – 20x20x10 Other sizes available. Wire conch pots  $24 \times 24 \times 9$  with wood runners and brick. Custom cut wood and repair stock. Call Matt -C-Trap 508-758-2740

AD#42 (9/18) FOR SALE- 1968 34' Webbers Cove, Fiberglass Hull. 1995 Volvo Penta 230hp inboard diesel. Beautifully restored in 2015. Very clean, brand new Simrad NSS8 and 4-G radar, set up for lobstering with a custom davit \$15,000 w/ electronics \$12,000.00 w/out electronics. 508-228-1243

AD#43 (8/18) FOR SALE-Area 2 State only, 100 lobster tags for sale \$100 each. 508-509-1243. Ron

AD#44 (9/18) FOR SALE- 300 Lobster Traps with rope, bouys, some like new \$15.00 OBO Call Sean @ 781-710-2918

AD#45 (9/18) Sternman wanted in Hingham. 3 days a week-Tues,Thurs & Saturday. From now till December. Year end bonus paid. Dependability is the prime requirement. Text 617-653-2560

AD#46 (9/18) FOR SALE- FEDERAL LOBSTER PERMIT Area 1 Federal Lobster Permit with 800 trap allocation. Serious price inquiries at lobpermit87@gmail.com

AD#47 (7/18) FOR SALE- More traps for bad neighborhoods: 50 Friendship traps- rock bottoms. 36X22 1/2X15-All shrimp heads, most with gates, corner protectors, bait cleats, bait spikes, all well patched. All fished last year. \$10 each Hingham—call/text 617-653-2560

AD#48 (6/18) FOR SALE-32" Lobster Boat-Fiberglass Maine lobster or tuna boat Holland 1984, 454 gasoline engine 3 years old, 12" pot hauler. Currently used for lobster fishing everyday. New boat coming, must sell. \$28,000.00 Call 978-884-2988

AD#49 (6/18) FOR SALE-Bait cooler not running \$600.00 Call Jim @ 781-727-8386

AD#50 (7/18) FOR SALE- 1978 31' JC Downeaster Boat set up Commercial lobster fishing but can be used for Tuna fishing and Charters. Features: CAT 3126 w/ 6000 hrs, 1 1/2" Monel Shaft, Two 100 gal., Monel Fuel Tanks, updated wiring throughout boat, New stuffing box, New battery, Clean out well/rope cut out, Bomar hatches, 12" Stainless steel haul, Danforth Hi-Tensile Anchor w/ 250' Sampson rope, New Richie Compass, Sitex SVS-650, Garmin GPS Map 4405, Raytheon 24 mile radar, Furuno GPS WAAS Navigator, 2 Matted bunks, Double sound proof motor cover. Boat has been well maintained and in pristine condition for its age. Recently painted bottom and hull painted w Awlgrip paint. Great lobster, tuna or charter fishing as well as a great leaser boat. \$47,000.00 or BO Call Kevin @ 508-951-6400 or email klobsterman59@gmail.com

AD#51 (7/18) FOR SALE- 1979 solid glass 36ft Stanley lobster boat with full area 2 permit. John Deere 6068 4800 hrs 12" Hydro Slave hauler Furuno radar, GPS, sounder/plotter/safety equipment Very economical 10 knot cruise at 1700 rpm

80,000/BRO Gear available Text/call Rob 860-235-5498

**MLA CLASSIFIEDS** 

AD#52 (7/18) FOR SALE-F/V Chloe-Otto. 1986 42' Bruce Atkinson Novi. Detroit 671 TIB 485 HP. Split wheel house, below deck tanks, rope locker, 14" hauler. Full electronics, new steering, all new hydraulics. Rewired 2 yrs ago w/ marine grade wire. Too much to list.\$105,000 OBO. John 617-212-3360.

AD#53 (6/18) FOR SALE- 40 used Conch wire traps  $30 \times 21 \times 8$  used as singles/ can change to trawls pots / good shape. \$20 each or B0. 508-509-1243 Ron

AD#54 (7/18) FOR SALE- 200 Lobster Traps  $39 \times 22 \cdot 22 \times 15$  Shrimp mesh heads ergo blocks \$20.00 each some \$15.00 Call Paul @ 617-827-0384 Leave a message

AD#55 (7/18) FOR SALE- 42 FT Scalloper Lobster Dragger, 1981 Bruno, 2nd to last hull built # 276. 3306 cat turbo, 509 twin disc. 8.5 knots, 375 gallon diesel 3 tanks 40 gallon hydralic tank. 30 gallon minute Pitts electric clutch PTO, USCG required safety and sticker up to 100 Mile, 4 man Revere life raft 2 yrs old, 3 survival suits, 4 bunks, propane stove, head, 12 volt double fan bus heater, 2-radar furuno models 1832,1835, plotter North Star 6000 I, 2-VHF, ICOM IC M45, standard Horizon eclipse 2500 Watt inverter, AIS icom MA 500 TR. Auto pilot Simrad AP 70. Furuno Sounder FCV 588. 8.4"screen VMS Boatracs. stereo AM/FM, Double drum winch with gypsy head, Charlynn 6000 motor, 200 fathom 1/2 inch wire, Pull master cargo PL 4. Haul station on deck at winch, 10 foot scallop rake. Jabsco electric clutch wash down, 3 rule bilge pumps, LED deck lights, spot light, LED flood light facing forward on mast, all rigging galvanized with outriggers and birds. includes heavy duty stainless davit, stainless steel pot hauler some dragging equipment and nets. Currently scalloping closed area trips, South of Nantucket Rigged for hard bottom scalloping can be back to lobstering or Dragging with some modifications. \$89,500, If this interests you call 508-776-8569 for more details. Mass Cap permit available.

AD#56 (8/18) FOR SALE- 4FT Traps - Contact Diamond Jim @ 978-994-5506

AD#57 (8/18) FOR SALE-1987 42′ DUFFY OPEN STERN LOBSTER BOAT2003 CAT 3406 with 580 hp.Rebuilt in 2011 with 5900 hrs. since rebuild 4 1/2′ aluminum extensiontailgate 14″ hauler, rope locker, survival suits, hot tank, & pressure washer, 4 GPS's, 2 sounding machines, autopilot, p-sea wind plot, radar, 2 VHS's. Split wheelhouse, above & below tanks.Located in Gloucester at State Fish Pier. Boat is available now.\$185,000. or best offer. Area 1 permit with good lobster history, including multispecies permit, also available. Can be sold as package or separately. Permit will not be sold until boat is sold. CELL: 978-807-0301 or EMAIL: frankdavis1949@yahoo.com

AD#58 (9/18) FOR SALE – 2012 19ft Fiberglass Center Console skiff 70 HP Suzuki w/ trailer used very little \$11,000.00 OBO & 17ft Grumman aluminum canoe-like new \$300.00 Call 401-783-4421

AD#59 (9/18) FOR SALE- MA state conch permit for sale w/w-out scup permit. Active license as verified by DMF. \$30,000 for conch only- \$35,000 w/ both permits or highest bidder. Comes w/ 100 pots lines & buoys. warps average 35′ per pot. email or call 508 432 7930 l do not text.

**BIG CHANGES** Continued from page 2

"We lose that bait, it's fresh herring, that's landed locally, during peak lobster landings," McCarron said. "The industry uses millions of pounds more than the new current allowable catch will provide. We manage to cut half of our use, we're still 40 million pounds of bait short. If you do get bait, you're going to be on rations, and the price is going to skyrocket."

Massachusetts Lobstermen's Association Executive Director Beth Casoni had similar sentiments.

"The lobster industry will bear the brunt of all the decisions that are made here," she said.

Other fishermen and environmental advocates, in contrast, wished the council had gone even further to restrict the herring fishery.

Erica Fuller, of the Conservation Law Foundation, said the new control rule will buffer the herring fishery from the ongoing changes happening in the Gulf of Maine.

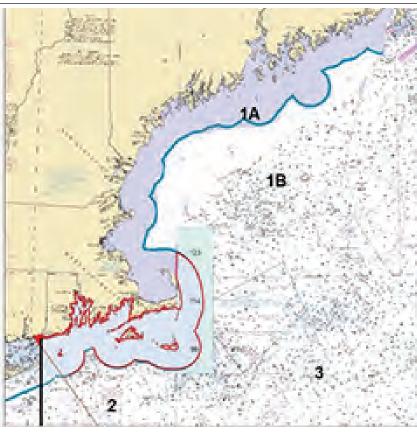
"We need to start building resiliency, rather than make short-term decisions," she said. "A control rule that recognizes herring's role in the ecosystem will make a lasting impact."

The Pew Charitable Trusts argued for even more conservative action on the herring fishery, but applauded the council's approval of the revised 4B proposal.

"Pew estimates that this action will keep an additional 31 million pounds of herring in the water over next three years, which will help the declining population rebuild and provide more essential forage for predators," the organization said in a release.

The second action taken by the council established a 12-nautical-mile buffer zone, starting at Montauk Lighthouse in New York and running to the eastern border of Maine, that would prohibit all midwater trawling for herring. An additional amendment added prohibitions in two areas, 113 and 99, in Herring Management Areas 1B and 3. Those prohibitions will be yearround if approved.

The move was to address localized depletion of herring, to recognize the small fish's role as forage for larger predator species.



For those in the midwater trawl industry, the ban represents a bleak outlook on their future.

"This will kill us. We won't survive this," said one



fishermen. "Any one of these buffers that you guys are proposing are going to put us out of business, I've no doubt in my mind."

Casoni said the move presents a precedent, pitting user groups against user groups and crippling the midwater trawl industry. Surveys done by the NEFMC indicated that 75 percent of the midwater trawl fishery was coming from within the 12-nautical-mile zone that would be prohibited.

"I don't know anybody in this room that could survive a 75 percent pay cut," Casoni said.

Those in favor of a buffer felt that 12 nautical miles didn't go far enough. Pete Kaiser, representing fishermen from Nantucket, said he's been fishing in the area for 42 years and has seen the impact of the midwater trawl herring fishery on the oceans.

"I'll tell you, looking back to around 2003, when midwater boats started fishing on the back of the cape, fishermen witnessed the destruction and the end of herring," he said. "At this point in time, that historical migration no longer takes place."

Bill McGuire, from Rhode Island, said the fishery has also been destroying the river herring populations. He helped lift 74,000 river herring over dams in the state, only to have less than 1,000 come back.

"I'm sick and tired of cleaning up the environment and building fish ladders and facilities, and not getting any return on investment, because you guys are allowing these paired trawlers come in here and take everything," he said. "You ought to stop wasting my money, and everybody else's tax money, and let these guys rape the ocean for what are they getting, a dollar a pound?"

Chris Weiner, a tuna fishermen, said the restrictions wouldn't have needed to happen if the council had taken action earlier.

"Do you remember how this gear was sold, an offshore fishery?" he said. "Now we're being told if you push us off 12 miles, we're not going to survive."

In the end, the council sided on restricting midwater trawling in the zone.

"I thought I remembered they have the opportunity to switch gears," said John Pappalardo, an at-large member from the Cape Cod Commercial Fishermen's Alliance.

Pappalardo said the justification for the ban is to protect the egg mats that herring lay, and to try and re-establish the life cycle in the region the he said he's personally witness be disrupted by the midwater trawls. He also justified the council's move within the national guidelines by pointing out it represents a safety issue, with some fishermen in smaller boats being forced to travel far afield now that the herring fishery has been depleted near them.

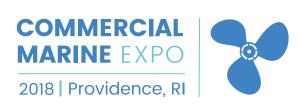
"You heard several people testify, in order to pursue the fisheries they're licensed to pursue, it's forced them to travel farther and farther, and I think the council has legs to stand on," he said.

For conservation organizations like Pew, the decision by the council represents a step in the right direction for considering forage fish as a part of the large ecosystem.

"New England managers deserve credit for being among the first to follow a public, science-based process with concrete actions to conserve forage fish," said Peter Baker, director of U.S. Ocean Conservation-Northeast for the Pew Charitable Trusts. "Protecting these sensitive areas from intensive fishing and rebuilding the herring population will directly benefit marine wildlife and the coastal businesses that depend on them."

The decisions by the council aren't final, and will still need to head before the Greater Atlantic Regional Fisheries Office.

"The timeline that we've been working under with a normal review, it would not be before mid-2019," said Deirdre Boelke, a member of NEFMC staff. https://www.seafoodsource.com/news/supply-trade/big-changes-could-be-coming-to-new-england-herring-fishery



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FOR IMMEDIATE RELEASE September 26, 2018

PRESS CONTACT: Janice Plante (607) 592-4817, jplante@nefmc.org

# New England Council Reelects Dr. John Quinn as Chair and Terry Stockwell as Vice Chair for Another Term

At the start of its September 24-27, 2018 meeting in Plymouth, MA, the New England Fishery Management Council reelected Dr. John Quinn of Massachusetts and Terry Stockwell of Maine to serve as Council chair and vice chair for another term. The two ran unopposed and were ushered in unanimously.

This marks Dr. Quinn's third consecutive year as chairman. Prior to that, he served three years as Council vice chair under Stockwell. The two switched leadership positions during 2016 but continued to work together as a team to direct the Council's management and policy initiatives.

"I appreciate the confidence the Council has shown in me over the past couple of years," said Dr. Quinn. "I look forward to doing more good work with all of our Council members and stakeholders."

Dr. Quinn recently was promoted to Assistant Dean of Public Interest Law and External Relations at the University of Massachusetts (UMass) School of Law. He is a former member of the Massachusetts House

of Representatives, where he spent 18 years serving on numerous important committees. He also represented many fishing interests while practicing law in private practice for over two decades in New Bedford before joining UMass.

Vice Chairman Stockwell is in the middle of his first term on the Council as a secretarial appointee. He previously served as the state of Maine's designated fisheries official to the Council but retired from state service in June of 2017 following a 21-year career at the Maine Department of Marine Resources (DMR).

#### **Executive Committee**

In their roles as Council chair and vice chair, both Dr. Quinn and Terry Stockwell



Council Vice Chairman Terry Stockwell, left, and Chairman Dr. John Quinn.

- NEFMC photo

serve on the Executive Committee. The committee oversees the Council budget, appoints advisory panel members, addresses numerous administrative matters, and provides Council leadership and direction on numerous policy matters. The committee works closely with the Council's executive director.



The Council elected three other members to complete the Executive Committee slate for the 2018-2019 Council year: **Doug Grout**, chief of the New Hampshire Fish and Game Department's Marine Division, was elected to serve his sixth consecutive term on the Executive Committee; **Terry Alexander** of Maine was elected to serve his third consecutive term on the committee; and **Eric Reid** of Rhode Island was elected to serve his first term on the committee.

**REAPPOINTMENTS:** Five members were reappointed to the Council this summer and took the oath of office during the September meeting. Appointees are allowed to serve three consecutive three-year terms before being required to step down.

The reappointed members are: **Terry Alexander** of Maine, 3<sup>rd</sup> term; **Vincent Balzano** of Maine, 3<sup>rd</sup> term, **Dr. Matt McKenzie** of Connecticut, 3<sup>rd</sup> term; **Dr. John Quinn** of Massachusetts, 3<sup>rd</sup> term; and **Eric Reid** of Rhode Island, 2<sup>nd</sup> term.

Meet our Council Members <u>HERE</u>



New England Fishery Management Council 2018-2019 members. **Front row** from left to right: Terry Alexander (ME), Vincent Balzano (ME), Scott Olszewski (RI), Council Chairman Dr. John Quinn (MA), Rick Bellavance (RI), Eric Reid (RI), Dr. Mike Sissenwine (MA), Doug Grout (NH), Dr. Jim Weinberg (non-voting, NEFSC), Elizabeth "Libby" Etrie (MA).

**Middle row:** John Pappalardo (MA), Dr. Matt McKenzie (CT), Peter Aarrestad (CT), Capt. Kevin King (U.S. Coast Guard representative, non-voting), Meredith Mendelson (ME, proxy for Patrick Keliher), Melanie Griffin (MA, proxy for Dr. David Pierce), Council Vice Chairman Terry Stockwell (ME), Mark Godfroy (NH).

**Back row:** Dr. Jon Hare (NEFSC Director, non-voting), Peter Hughes (Mid-Atlantic Council liaison, non-voting), Mike Pentony (GARFO Regional Administrator, voting). Missing, Peter Kendall (NH). – NEFMC photo

# FISH FACTS

Hagfishes, known as slime eels or hags, are so named because of the huge amounts of mucus they produce. One disturbed hagfish can fill a 2-gallon bucket with slime in a matter of minutes. The slime makes them virtually inedible.

The eyes of the Four-eyed Fish are split in half horizontally, each having two pupils and a retina that is divided into top and bottom sections. It swims with half of its eye out of the water, searching for insects, and the other half looking down into the water.

African lungfish enclose themselves in a mud tunnel and, after their lake has dried up, can live for years buried in the mud, breathing air and waiting for the rains to return. The structure of their heart and lungs first tricked scientists into thinking the South American lungfish was a reptile, the African lungfish an amphibian.

Anemone fishes live in groups where the two largest fish only are sexually mature, the largest being female and the next largest male. If the female dies, the male changes sex to female and the next largest fish in the group matures to male.

A few fishes specialize on, or at least supplement their diets with, the eyes of other fishes. A narrow-bodied cichlid in Africa's Lake Malawi, the Malawi Eyebiter, does not make a good aquarium pet because of its eyepopping activities.

Menhaden, the fishes the Indians taught the Pilgrims to plant with their corn, today rank as America's most important fishes. Menhaden oil is used in cosmetics, linoleum, health food supplements, margarine, soap, insecticides and paints. Their pulverized bodies end up as feed for cats, dogs, poultry and pigs.

As they sleep (and fish do sleep), parrot-fishes and wrasses secrete a mucous cocoon around themselves at night, perhaps to thwart the highly-developed senses of moray eels and blood-sucking parasitic invertebrates.

The cusk eels are the world's deepest living family of fishes. One was netted with a bottom trawl in the Puerto Rico Trench at a depth of 27,500 feet. At such a depth a fish would experience a pressure of approximately 12,000 pounds per square inch.



# The MLA's Procrastinators Club Notice

Before we press the final "delete, erase, cancel" "obliterate" button on our Pac-man deluxe computer machine, here's one last chance to renew your membership with the MLA, this State's major voice for the commercial lobster industry in Massachusetts.

MLA news, member discounts, the boat insurance program etc. and most importantly representation for you on all lobster industry issues are at stake here. Why would you not want to have the Association working for you while you go out to fish everyday?

Please remember that if you are a Delegate or your boat is insured with the MLA Boat Protection Co-op, you must remain a member in good standing with the MLA as well

There are multiple ways you can now pay your MLA dues; over the phone at 781-545-6984 xt.2, on line at www.lobstermen.com or mail a check to MLA 8 Otis Place, Scituate, MA 02066 or better yet stop by the MLA office. Please note NOVEMBER will be your last newspaper until your dues are paid in full.

### **Absolutely Lobster®**

takes on China



 $Q_{\cdot}$  . What's the most effective way you can address a 25% Chinese Tariff on US Lobster?

A. Add value to get out of the commodity market

We are looking for Lobstermen & woman to work with us to bring value added lobsters to market.

Absolutely Lobster® makes this possible as consumers seek out a high quality lobster products while expecting it to be easy, quick and authentic.



In three minutes, Absolutely Lobster® goes from the consumer's freezer to the microwave to the fork. We don't say this lightly, the quality and consistency you can place next to a Ruth's Chris filet for surf and turf.

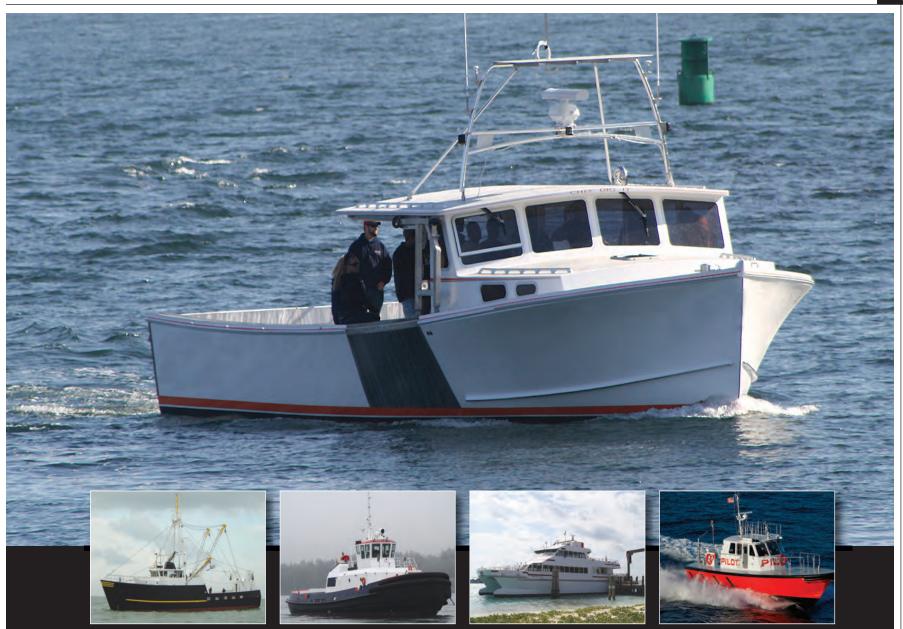
We have successfully test-marketed with over a Million dollars in sales of Absolutely

Lobster® though traditional retail sales channels, ecommerce and on QVC -each time selling selling out.

Speed, quality and consistency have proven to add significant value through the Absolutely Lobster® patent pending process.

Now we are entering our next phase of business and are looking to collaborate with lobstermen & women to help you compete in the evolving and uncertain market place. We believe working together on this project will bring more stability and will help secure a stronger future for the lobster industry while supporting a rich culture that's so important to America.

To learn more contact.... Info@AbsolutelyLobster.com



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