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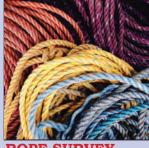
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LOBSTER **Processing PG 42**



ROPE SURVEY Underway PG 47



LOBSTER INDUSTRY INNOVATOR PASSES AWAY

Founder of Riverdale Mills achieved long-lasting global legacy in wire mesh manufacturing and aquaculture industries

Northbridge, Mass. – August 18, 2018 – Riverdale Mills Corporation announces with great sadness the passing of company founder, owner, and retired CEO James Knott, Sr. Mr. Knott was 88. An inventor, entrepreneur, industrialist and philanthropist, Knott established

Riverdale Mills Corporation in 1980 – transforming it from a startup with a single wire mesh product into a manufacturing giant with more than 3,500 different wire mesh product configurations for customers around the globe.

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COVER STORY

Great innovators make their mark by challenging the status quo and finding new ways to do things better. James Knott, Sr. unequivocally fit this category as a profoundly influential innovator, whose products help millions of people.

Knott's Aquamesh® revolutionizes lobster industry

From spending summers in Gloucester, MA, Knott saw firsthand how much time and money lobster fishermen spent fixing their wooden traps. He was convinced there had to be a better way.

Knott set out to build a more durable lobster trap to keep fishermen on the water making a living, instead of regularly onshore repairing their traps or building new ones. He invented and began manufacturing Aquamesh®, the first-of-its-kind marine-grade coated wire mesh.

His innovative wire mesh lobster trap fished better and lasted far longer than wooden traps – benefits that eventually won over skeptical North Atlantic and Canadian Maritime fisherman. Today 85 percent of all lobster traps in North America are made with Aquamesh.

Dr. Bob Bayer, executive director of the University of Maine Lobster Institute said: "Jim Knott was a well-respected visionary and an ardent supporter of the lobster industry. His impact cannot be understated. The technical changes he introduced to lobster fishing in Maine and throughout North America were profoundly significant. He singlehandedly changed and bettered the way of life for so many people."

Knott was awarded an honorary Doctor of Science by the University of Maine for his commitment to the future of the lobster industry, innovative spirit, perseverance and positive leadership, willingness to share his knowledge and ideas, and his outstanding support of the university's Lobster Institute.

Riverdale Mills – legacy of leadership in manufacturing

James Knott, Sr. founded Riverdale Mills Corp. in an old abandoned mill on the banks of the Blackstone River in Northbridge, MA. There, he worked with his sons to restore the facility and property, while beginning mass production of Aquamesh. An integral part of the science leading to Knott's innovative wire mesh product was his proprietary galvanized after-welding and PVC coating processes.

Following the overwhelming success of Aquamesh in the lobster industry, Knott set out to expand and diversify the Riverdale Mills product line for other industrial, commercial and business applications.

His virtually impossible-to-climb-or-cut WireWall® high security fencing is installed worldwide at embassies, transit centers, ports, borders, military bases, manufacturing and power plants, and other sensitive locations where perimeter security is a critical safety and deterrent need.

His welded wire mesh is also used extensively by professionals in the horticulture, agriculture, aquaculture, construction, and water treatment industries.



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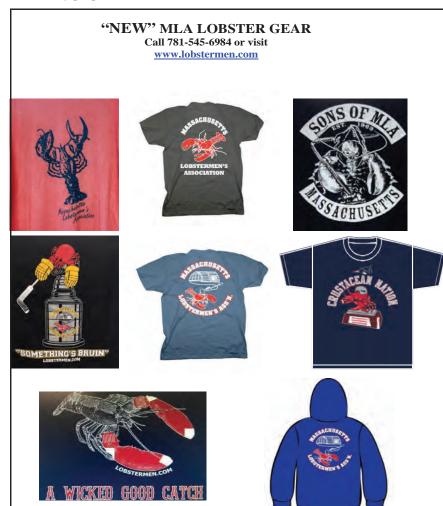
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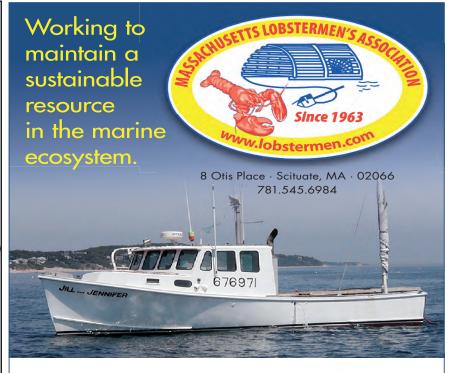
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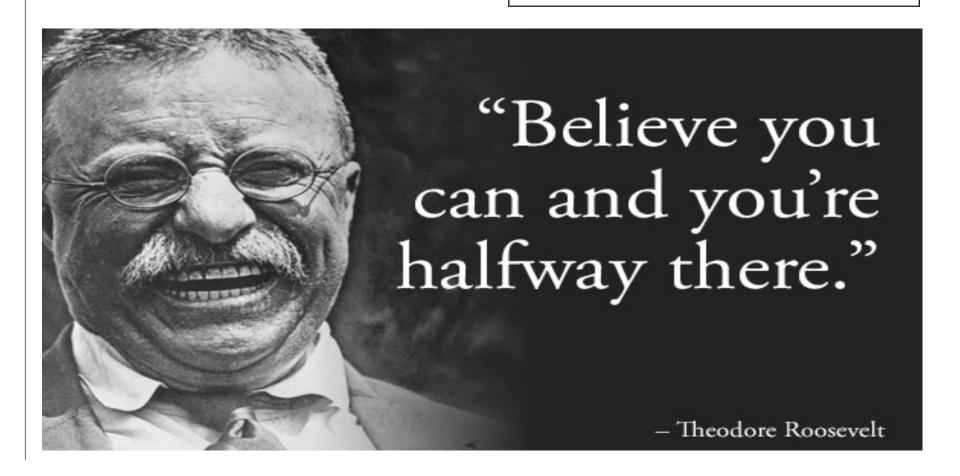
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The Massachusetts Lobstermen's Association would like to welcome the following new members to the Association. Your Association will continue its efforts on your behalf to conserve the resource, protect your livelihood, keep you informed, promote the 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!

Member	Vessel/Company	Home Port
Jacquelyn Roux		



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September 2018

9/3	Labor Day	MLA and FISH offices are closed		
9/19	MLA Delegates meeting	Sons of Italy Hall Quincy, MA	7:00pm	

October 2018

10/2	MA Seafood DAy at the State House	Grand Staircase	11:00-1:00pm
10/9-12	ALWTRT Meeting	Omni Providence Hotel	
10/17	MLA Delegates	Sons of Italy Hall Quincy, MA	7:00pm

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As-the Hauler Turns

For generations, Massachusetts lobstermen have been part of a revered tradition of marine coexistence that has sustained a proud New England fishing industry and protected an ecosystem for marine mammals. Now, that coexistence is threatened and international action is needed.

The North Atlantic right whale is critically endangered and for centuries, these enormous and majestic animals have migrated through New England waters, but largely due to unintentional human harm from ship strikes and entanglement in fishing gear; today the right whale population is estimated to be down to as few as 435. And the last year has been especially disastrous, with 17 confirmed right whale mortalities and no new calves sighted in the most recent calving season.

Now is the time for cooperative international intervention to turn this situation around and head off the preventable tragedy of extinction of this species.

For decades, the Massachusetts Lobstermen's Association has worked in concert with conservation organizations like the Woods Hole Oceanographic Institution and the International Fund for Animal Welfare to be good stewards of the ocean and marine mammals. Facing serious concerns about how to make a living and keep businesses going, we work to find middle ground between our industry and the efforts of conservationists to advance the shared aims of all.

Over the years, regulators have imposed restrictions on U.S. Atlantic Coast fisheries in an effort to reduce harm to endangered species including the right whale. The MLA is proud of our history of adopting and complying with these requirements. To name a few: Vessels, aircraft or other approaches must be restricted within 500 yards of a right whale; and, all vessels 65 feet or longer must travel at 10 knots or less in certain locations along the East Coast of the United States at certain times of year to avoid collision with right whales.

Massachusetts lobstermen are doing more than anyone in the world to help the right whales, and

are especially affected by these regulations. Every year, we observe a three-month closure of Cape Cod Bay and the outer Cape from Feb. 1 to April 30 to reduce the risk of right whale entanglement in our fishing gear. This year, our season was delayed by an additional two weeks. We have increased the size and complexity of gear marking, as well as the use of sinking ground line and weak links. Some lobstermen have increased the number of traps per trawl, which can reduce the risk of entanglement. And just last month, we worked with IFAW and the State Division of Marine Fisheries to conduct initial testing of buoy-less fishing gear.

While the U.S. fishing and shipping industries have complied with increasingly stringent regulations of fishing grounds, fishing gear and shipping activity, Canada has operated under significantly less regulation.

Although Canada recently adjusted some ship speeds and fishing gear locations to minimize entanglements, those measures are temporary and will not be enough to protect the right whale.

We are grateful to our congressional delegation for its leadership on this issue. In April,
Massachusetts Sen. Edward Markey and Rep.
Seth Moulton, along with 17 of their colleagues, urgently asked NOAA and the U.S. Departments of Commerce and Treasury to determine whether Canada's Atlantic fisheries have the same marine mammal conservation standards as U.S. fisheries for reducing impact to endangered right whales.
Under a provision of the Marine Mammal Protection Act of 1972, if Canada cannot secure a favorable determination, the U.S. can subsequently ban the importation of fish and fish products that have been harvested while harming right whales.

Additionally, we recently joined a multitude of other groups in announcing our support of the SAVE Right Whales Act of 2018, which was introduced on World Oceans Day by a group of East Coast senators with a companion measure in the House. We proudly support this legislation, which would allocate \$5 million annually in grants through 2028 for conservation programs, support the development of new technology or other methods to protect right whales from human



interference, and encourage industry cooperation.

Why are these actions important? Because time is of the essence. With the right whale population not recovering at the pace they should be, it is time for Canada and Canadian fishermen to take more permanent action sooner than later. I have spoken with Geoff Irvine, Executive Director of The Lobster Council of Canada about this and he and his group are working on more permanent measure to be implemented in 2019. Please see the article on pg 33 for more on what Canada is doing towards the conservation of right whales to date.

As a representative of an industry that relies on the vitality of the ocean for its livelihood and an organization dedicated to balancing the necessity of ocean conservation and economic opportunity for all that depend on the oceans to earn their living.

Beth Casoni,
Executive Director





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Atlantic States Marine Fisheries Commission

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MEMORANDUM

August 8, 2018

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

From: Toni Kerns, ISFMP Director

RE: Area 1A Trimester 2 Effort Controls Measures Maintained

The Atlantic States Marine Fisheries Commission's (Commission) Atlantic Herring Section members from Maine, New Hampshire, and Massachusetts reviewed the effort control measures for the 2018 Area 1A Trimester 2 (June 1 - September 30) fishery. The states agreed to maintain the existing Area 1A Trimester 2 Days Out Measures, which are outlined below.

Days Out of the Fishery

- Vessels with a herring Category A permit that have declared into the Trimester 2 Area
 1A fishery may land herring five (5) consecutive days a week. One landing per 24 hour
 period. Vessels are prohibited from landing or possessing herring caught from Area 1A
 during a day out of the fishery.
 - Landing days in New Hampshire and Massachusetts begin on Monday of each week at 12:01 a.m.
 - o Landings days in Maine begin on Sunday of each week at 6:00 p.m.
- Small mesh bottom trawl vessels with a herring Category C or D permit that have declared into the Trimester 2 fishery may land herring seven (7) consecutive days a week.

Weekly Landing Limit

- Vessels with a herring Category A permit may harvest up to 640,000 lbs (16 trucks) per harvester vessel, per week.
- 160,000 lbs (4 trucks) out of the 640,000 lbs weekly limit can be transferred to a carrier vessel (see below).

At-Sea Transfer and Carrier Restrictions

The following applies to harvester vessels with a herring Category A permit and carrier vessels landing herring caught in Area 1A to a Maine, New Hampshire, or Massachusetts port.

- A harvester vessel can transfer herring at-sea to another catcher vessel.
- A harvester vessel is limited to making at-sea transfers to only one carrier vessel per week.
- Carrier vessels are limited to receiving at-sea transfers from one catcher vessel per week and can land once per 24 hour period. A carrier vessel may land up to 160,000 lbs (4

 trucks) per week. The carrier limit of 4 trucks is not in addition to the harvester weekly landing limit. Carrier vessel: a vessel with no gear on board capable of catching or processing fish. Harvester vessel: a vessel that is required to report the catch it has aboard as the harvesting vessel on the Federal Vessel Trip Report.

The Area 1A sub-annual catch limit (ACL) is 32,084 metric tons (mt) after adjusting for a carryover from 2016 and the research set-aside. The Section allocated 72.8% of the sub-ACL to Trimester 2 and 27.2% to Trimester 3. After incorporating the 295 mt fixed gear set-aside and the 8% buffer (Area 1A closes at 92% of the sub-ACL), the seasonal quotas are 21,291 mt for Trimester 2 and 7,955 mt for Trimester 3.

These effort controls are projected to extend the Trimester 2 fishery through the beginning of September. Landings will be monitored closely and the fishery will be adjusted to zero landing days when the trimester's quota is projected to be reached.

Due to the results of the 2018 Atlantic Herring Stock Assessment, which indicate poor recruitment and spawning stock biomass, the New England Fishery Management Council has recommended that the Regional Administrator allow for an in-season adjustment to the 2018 Atlantic herring sub-ACLs. The intent of this in-season adjustment is to reduce the severity of catch reductions in 2019. Following action from NOAA Fisheries to adjust the 2018 sub-ACLs, the Atlantic Herring Section members from Maine, New Hampshire, and Massachusetts will reconvene via conference call to review fishing effort measures. Forty-eight hour notice will be provided before a Days Out Meeting.

Fishermen are prohibited from landing more than 2,000 pounds of Atlantic herring per trip from Area 1A on no landing days. Please contact Megan Ware, Fishery Management Plan Coordinator, at mware@asmfc.org or 703.842.0740 for more information.













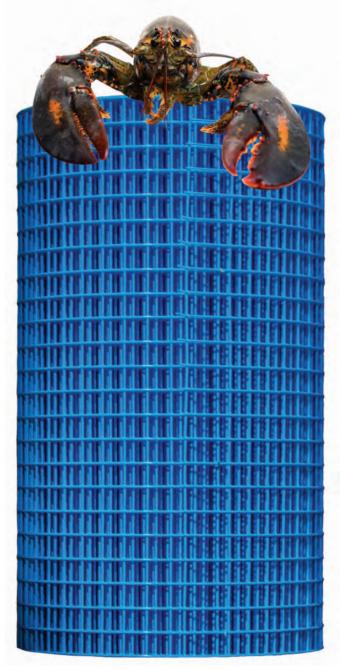
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There are many reasons men might experience knee pain, including:

Arthritis. Of all of our joints, the knee is most often affected by osteoarthritis, a degenerative process in which the protective cartilage in the joint wears away. It causes chronic pain in the knee, particularly during movement.

Patellofemoral syndrome. Overuse and overexertion injuries often lead to this condition. A man might feel a dull, aching pain under or around the front of the kneecap. It can be caused by a combination of patellar tendon strain, torn cartilage, and a kneecap that's out of proper alignment.

Torn cartilage. Trauma to the knee or overexertion can tear the menisci. This often occurs with sprains. A man who has a torn meniscus will feel sharp pain in the affected knee, and the knee may begin to lock up over time.

A strain or sprain of the knee ligaments or muscles. This is usually caused by a blow to the knee or a severe twist of the knee. A man who suffers a sprain or a strain will experience pain, swelling, and difficulty walking.

Tendonitis. Overuse during activities like running, jumping, cycling, or team sports can cause tendonitis, or

inflammation of the tendons, the connective tissue that links muscle to bone. This causes significant pain in the front of the knee, especially when walking up or down stairs or hills.

KNEE PAIN: REACHING A DIAGNOSIS

Doctors have a number of ways to diagnose knee problems:

Imaging tests like X-rays, MRIs, and CT scans, allow doctors to look inside the knee.

Arthroscopy uses a small tube with a tiny camera, or arthroscope, that's inserted into the knee. The camera technology allows images from inside of the knee to be projected onto a screen, enabling doctors to perform a thorough evaluation of the joint.

Radionuclide bone scan involves injecting a small amount of radioactive material into the patient. This allows doctors to assess blood flow to the bone and other parts of the knee, as well as cellular activity in the bone.

KNEE PAIN: TREATMENT OPTIONS

Fortunately, there are also a number of remedies for knee pain, depending on the cause of the problem, such as:

Resting the knee and icing it for 15 to 20 minutes every three to four hours for the first couple of days following pain or injury.

Using crutches to take pressure off the knee while it recovers.

Wearing a knee brace to support ligaments and other structures that may have been weakened by the injury.

Taking medications to ease swelling and discomfort, including aspirin, acetaminophen (such as Tylenol), and non-steroidal anti-inflammatory drugs (NSAIDs) like ibuprofen (Nuprin, Motrin, Advil, and other) and naproxen (Aleve).

Getting steroid injections into the knee joint to blunt severe pain from chronic conditions like arthritis.

Strengthening the muscles that support the knee with physical therapy. Therapy should include quadriceps, hamstring, and calf stretching, and low-impact aerobic activities such as cycling, swimming, walking, and cross-country skiing.

Having surgery when necessary to repair torn cartilage or other chronic problems.

Clearly, exercise and other physical activity are good for you, but you must always remain in tune with your body and pay attention to knee pain when it occurs. If you ignore it, you run the risk of making it worse. https://www.everydayhealth.com/mens-health/knee-pain-relief.aspx



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After nearly 40 years in the wire mesh business, James Knott, Sr. touched the lives of millions of people –starting with his customers and including all the people who unbeknownst to them benefited from his products with abundant lobster, perfectly cultured oysters, and protection from security breaches. He had a special place in his heart for his dedicated employees, many of whom have been with Riverdale Mills for decades and admired and respected his leadership and humanity.

Personal, Professional and Community Life

Knott's vision and creativity are evident in many aspects of his remarkable life and inspiring career. He earned an economics degree from Harvard College, studied mechanical engineering at Northeastern University, and served two years as a lieutenant in the Army. Before starting his own company, he was CEO of Coatings Engineering Corporation, the world's largest custom plastic coater. He was also a long-time Director of the Gilbert & Bennett Manufacturing Company of Georgetown, CT.

Knott was resourceful and an early adopter of recycling. To build some of his manufacturing machinery, he repurposed parts from a printing press the previous tenant of the mill had left behind. When asked once by a journalist how his company had thrived when so many other U.S. manufacturers had faltered, Knott responded pointedly, "We keep our costs low."

He also modernized the mill with efficiency in mind, restored the natural habitat, tapped the river for hydropower, and instituted recycling of all the steel from the manufacturing process.

Knott was an ardent supporter of the lobster industry, funding scholarships and research. He was also active in the communities of the local Blackstone Valley and the fishing mecca of Gloucester.

"With the passing of Jim Knott, the lobster and shellfishing industry has lost one of its most prolific supporters," said Beth Casoni, Executive Director of the Massachusetts Lobstermen's Association. "Jim believed in sustainable fishing and supported our efforts to ensure the viability of the industry and conservation of fish species. On behalf of the entire industry, we acknowledge his contributions, are grateful for his involvement, and will miss him tremendously."

Predeceased by his cherished wife Betty, who died in February after 67 years of marriage, Knott is survived by four children, including James Knott, Jr., the CEO of Riverdale Mills since 2015, and four grandchildren. Arrangements are forthcoming.

CONTACT INFO:

Riverdale Mills Corporation Jane Meehan Lanzillo 617-417-0078 jmlanzillo@riverdale.com

James Milne Knott

(1929 - 2018)



orthbridge and Gloucester, MA – KNOTT, James Milne inventor, entrepreneur, decorated veteran, philanthropist, and founder of Riverdale Mills Corporation passed away peacefully at home on August 16, 2018 at the age of 88. Jim's vision and creativity are evident in many aspects of his remarkable life and career.

Jim was born in 1929 in Brighton, MA to Elizabeth Dingwall and Frank M. Knott. Jim was the grandson of Annie Macmillan Knott, who was an early practitioner and the first woman Director of the Christian Science Church. With an auspicious beginning, Jim had a competitive spirit from the start. He shined as a high school wrestler at The Governor's Academy in Byfield, MA, studied mechanical engineering at Northeastern University, and earned an economics degree from Harvard College class of 1954. He then served three years as a lieutenant in the U.S. Army where he earned the Army Commendation

Medal for meritorious service. Upon discharge, Jim founded Coatings Engineering Corporation (CEC) which he sold to the Gilbert & Bennett Mfg. Company (G & B) of Georgetown, CT in 1962. He was president of CEC and a director of G & B until 1978.

In the summer of 1947, one of many summers Jim would spend in Gloucester, Jim met his wife and life partner Betty Davis at the Rockport Art Association's July 4th dance. They married in 1951 and moved to Wellesley where they raised four children. In Gloucester, Jim saw firsthand how much time lobster fishermen spent fixing their wooden traps. He was convinced there had to be a better way. So, he set out to build a more durable lobster trap to reduce the downtime for fishermen and improve their annual catch rate.

In 1979, Jim founded Riverdale Mills
Corporation to manufacture Aquamesh®, the
first-of-its-kind marine-grade coated wire mesh.
Today 85 percent of all lobster traps in North
America are made with Aquamesh. In 2006,
Jim was awarded an honorary Doctor of Science
degree by the University of Maine for his



"commitment to the future of the lobster industry, innovative spirit, perseverance and positive leadership, willingness to share his knowledge and ideas and his outstanding support of UMaine's Lobster Institute."

Jim was always concerned for the welfare of the community and the industries his business served. A much-loved leader, Jim was demanding, supportive and caring. His employees, many of whom have worked at Riverdale Mills for decades loved his quiet, unique approach and novel ideas. He was a brilliant visionary and had a unique perspective on manufacturing. He was described as "one of those rare individuals who had the will, the intelligence and the guts to make a difference in this world." Jim served as President and CEO of Riverdale Mills from 1979-2014.

Jim and Betty moved to Whitinsville in the town of Northbridge soon after founding Riverdale Mills. With his wife and sons in the business, Riverdale Mills grew to employ over 200 people in the Blackstone Valley. Jim loved the Whitinsville community and was instrumental in building a competition pool at the Whitin Community Center. He was also a great supporter of the Blackstone Valley Chamber of Commerce, Friends of Northbridge Elders and Worcester County Jail and Correction Department.

An avid preservationist, Jim restored the beautiful Riverdale Mill and its hydropower, and many other historically significant properties including the John Adams farmhouse, Whitinsville's Oakhurst Mansion, 1890 mill housing and a circa 1700's farm house in Sanbornton, NH. His

respect for nature was reflected in his restoration of the 19-acre Riverdale Pond adjacent to the mill, now home to fish, swans and bald eagles. He was a collector of antique cars and military vehicles, and proudly drove them in many of the n local parades.

He contributed to the care and conservation of many community structures and monuments. His deep connection to Gloucester is expressed

through his contributions to the Cape Ann Animal Aid, the restoration of the schooner "Adventure" and the realization of the Fishermen's Wives Memorial. Jim was also a long-time member of the Eastern Point Yacht Club and the Harvard Club of Boston.

James Knott is predeceased by his cherished wife Betty, who died in February after 67 years of marriage, and is survived by his children Janet L. Knott, Andrew M. Knott and his wife Jayne (Fifield) Knott, James M. Knott Jr. and his wife Gigi (Gao) Knott, Edward Jeffrey Knott and his wife Barbara (Glunn) Knott and grandchildren Jennie L. Knott and her partner Philipp Bolt, Andrew M. Knott Jr. and his wife Angela (Jenkins) Knott, Nancy D. Knott and her fiancé Matthew J. Crescio, and Elissa E. Knott.

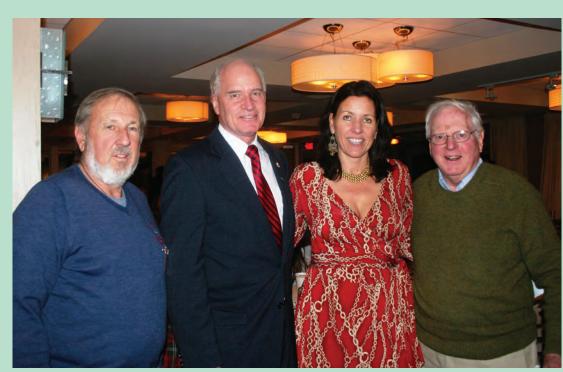
The Knott family wishes to express their gratitude for the many remarkable caregivers who assisted with Jim's care.

Flowers can be sent to either location, or a donation in honor of Jim can be made to the Whitin Community Center or the Cape Ann Animal Aid.

Visiting hours in Northbridge will be held at the Carr Funeral Home, 24 Hill Street, Whitinsville,

MA on Tuesday, August 28, 2018 from 4 to 7 pm. Visiting hours in Gloucester will be held at the Greely Funeral Home, 212 Washington Street, Gloucester, MA on Wednesday, August 29, 2018 from 5 to 7 pm. The burial and graveside service will be held at Seaside Cemetery at 88R Langsford Street, Gloucester, MA on Thursday, August 30, 2018 at 11:00 am.

A celebration of Jim's life will be held at the Whitin Lasell Manor at 120 Hill Street, Whitinsville, MA from 2-5 pm on Sunday, November 18, 2018.





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For more information, please contact: seafoodday@fishingpartnership.org



Atlantic States Marine Fisheries Commission

NEWS RELEASE

Vision: Sustainably Managing Atlantic Coastal Fisheries

FOR IMMEDIATE RELEASE August 20, 2018

PRESS CONTACT: Tina Berger

703.842.0740

ASMFC & MAFMC Approve Catch and Landings Limits for Summer Flounder, Scup, Black Sea Bass and Bluefish for 2019 ASMFC Approves Black Sea Bass Addendum XXXI for Public Comment

Virginia Beach, VA – The Atlantic States Marine Fisheries Commission (Commission) and the Mid-Atlantic Fishery Management Council (Council) reviewed previously approved specifications for scup and established new specifications for black sea bass, bluefish, and summer flounder fisheries. The Commission also approved Draft Addendum XXXI for public comment and agreed to provide the states the opportunity to open their black sea bass recreational fisheries in February 2019.

Catch and landings limits for the summer flounder, scup, black sea bass, and bluefish fisheries were established for 2019 only. The Commission's actions are final and apply to state waters (0-3 miles from shore). The Council will forward its recommendations for federal waters (3 – 200 miles from shore) to NOAA Fisheries' Greater Atlantic Regional Fisheries Administrator for final approval. The table below summarizes commercial quotas and recreational harvest limits (RHL) for summer flounder, scup, black sea bass, and bluefish (2018 values are provided for comparison purposes).

Species	Year	Commercial Quota (millions of pounds)	Commercial Minimum Fish Size (TL)	Commercial Diamond Mesh Size	Recreational Harvest Limit (millions of pounds)
Summer	2018	6.63	14"	5.5"	4.42
Flounder	2019	7.72	14"	5.5"	5.15
Scup	2018	23.98	9"	5"	7.37
	2019	23.98	9"	5"	7.37
Black	2018	3.52	11"	4.5"	3.66
Sea Bass	2019	3.14	11"	4.5"	3.27
Bluefish	2018	7.24	Varies by state		11.58
biueiisn	2019	7.71	Varies by st	ate	11.62

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 anadromous species.

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MLA Submits Comments Opposing the Whale Safe Fishing Act

On August 9th the Massachusetts Lobstermen's Association (MLA) submitted comments to Attorney General, Maura Healey opposing the Whale Safe Fishing Act (Act) submitted by Max Strahan. This is the SAME Act that has been filed by Max annually over the past 15 years without any results nor has he ever returned the 65,000 plus signatures needed to be included on the ballot during the elections.

Currently, the Massachusetts commercial lobstermen are doing more than anyone in the world to protect the Right Whales. Massachusetts commercial lobstermen are innovative leaders in the world; testing weaker ropes, buoyless pots and working around a 3 month trap/pot closure encompassing 3,073 square miles for the protection of Right Whales. We are hopeful this Act will not be allowed as it will cause additional superfluous strain on the commercial lobstermen here in the Commonwealth.

Since 2000, there have been only 2 confirmed entanglements attributed to Massachusetts lobster gear, a stark contrast from the Unusual Mortality Events of 2017 with 17 Right Whale deaths (12 in Canada & 5 in the US). While none of the 5 deaths in the U.S. were attributed to fishing, the fishing industry continues to seek alternatives to minimize interactions even while being asked to do more.

The commercial lobster fishery here in the Commonwealth continues to wane, losing on average 25 to 30 commercial lobster permits annually; from the 1278 permits in 2010 down to 1,088 permits in 2017, removing approximately 152,000 vertical lines from the water. In 2017 there were 308 latent permits bringing the total of active permits down to 780 total active commercial lobster permits, removing an additional 246,400 vertical lines from the

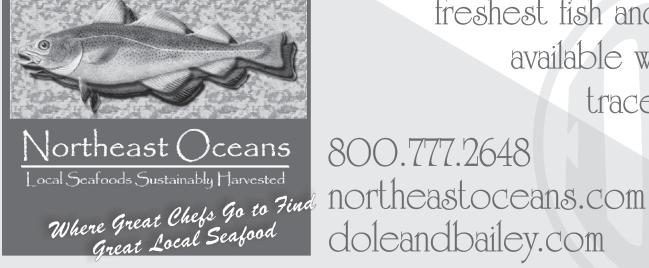
water. We believe this Act is grossly misrepresenting the urgency and need for the Massachusetts commercial lobster industry to do more in the name of conservation for Right Whales and should not be allowed.

The MLA remains dedicated to working on solutions for the future of the Right Whales which greatly depends on the collective efforts of scientists, researchers, managers and fishermen alike to work together for the best possible resolve while allowing fishermen to fish and whales to feed in the waters off of Massachusetts safely.



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The Whale Safe Fishing Act

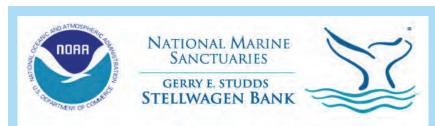
Section One: This Act may be referred to and cited as the "Whale Safe Fishing Act."

Section Two: Non-Discretionary Mandate for Whale Safe Commercial Fishing

- Chapter 130 of the Massachusetts General Laws is amended and revised with the addition of the following text:
- "Section 17B: Providing for Whale and Sea Turtle Safe Commercial Marine Fisheries"
- (a). "The Secretary of the Executive Office of Energy and Environmental Affair shall annually make a scientific determination fully justified in writing on whether or not any type of fishing gear to be licensed by the Director is "whale safe," meaning that a specific type of fishing gear to be permitted has not entangled any whale or sea turtle in the past nor it is likely to do so in the future under a reasonably expected set of circumstances. The Director shall then only license fishing gear for the coming year regardless of any other provision of law —that has been so scientifically determined to be whale and sea turtle safe by the Secretary."
- (b). "Above any other consideration of law, It is prohibited for the Director to authorize and/or annually license the use of any kind of fishing gear for commercial purposes that has not that same year been previously certified by the Secretary as whale safe."
- (c). "The Director is prohibited from licensing under any circumstances the use of any kind of fishing gear using vertical buoy ropes and/or gill net or any other kind of gear that basically suspends a curtain of mesh material into the marine environment to passively take fish without it being actively towed."

(d). Citizen Suits:

- (i) Any member of the Public may commence a civil action in a Massachusetts court to enforce any provision of the Act including its prohibitions. A court shall enjoin the licensing and/or future use of any fishing not so properly certified as whale and sea turtle safe without any consideration of the adverse impact on any fishermen or any commercial industry. Such an injunction will in all circumstances be considered to serve the Public Interest. A jury of citizens can be chosen by any of the parties to decide on the issuance of any said injunction by a court.
- (ii). A member of the Public may seek an award of tort damages against the Commonwealth of Massachusetts to pay for efforts to reverse the accumulated injuries inflicted on the long term viability to a species of wildlife from any violation(s) of the Act.
- (iii). A court shall award the plaintiff his costs of litigation against any defendant brought for violation of the Act's provisions even if he brings the action *pro se* if he prevails in any manner in the prosecution of his claims.



A New Superintendent is Appointed

for Stellwagen Bank National Marine Sanctuary

After many months of process and deliberation, we have selected Pete DeCola as the next superintendent of Stellwagen Bank NMS. Pete brings a tremendous amount of experience to the position, especially in natural resource management, building and managing partnerships, short and longterm strategic planning, managing people and the workplace environment, budget development, and operations. He has worked closely with many of our key partners in the New England region, including the NE Fishery Management Council, NMFS (GARFO), academia, and the US Navy.

After retiring from the US Coast Guard after 30 years of service, Pete joined Nuka Research in 2014 as a performance consultant supporting emergency response initiatives around the country. He earned a Master of education from UMass-Boston and Master of Marine Affairs from URI. His undergraduate degree is in Government from the USCG Academy. Pete and his family live in Plymouth. His start date in Scituate is September 4th.

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North Atlantic Right Whale Consortium **ANNUAL MEETING**

7-8 November 2018 NEW BEDFORD WHALING MUSEUM 18 JOHNNY CAKE HILL NEW BEDFORD, MA 02740

One of the most effective ways to carry out the Consortium mission is to hold annual meetings at which research, new techniques, management strategies, and other facets of right whale conservation are shared and discussed. The Annual Meeting of the North Atlantic Right Whale Consortium is the only annual event during which all stakeholders have the opportunity to gather and exchange ideas and information, and therefore we view this meeting as an invaluable resource to the management and conservation of this species.

The Annual Meeting agenda each year includes the Business Meeting. During this meeting, vacant Board positions are filled, the membership hears updates from various management teams, and discussions about the role the Consortium as an entity does and can play in right whale conservation and management take place.

In addition to the Business Meeting, research, management, conservation, and education presentations are planned. Attendance of NARWC members at the meeting is encouraged and there is not a requirement to present to attend.

Register online at https://www.narwc.org/registration-and-important-dates.html Early Registration (ends October 5th, 2018)

Regular: \$125 Student: \$75

Late Registration Regular: \$175 Student: \$100

Registration closes on October 26, 2018.

Please note that there is no single day registration option for the meeting.

Registration fees include the scientific program, breakfast, sit-down lunch, coffee breaks, and opening night reception.

Ropeless Consortium Meeting

The Ropeless Consortium meeting will take place the day before the NARWC Annual Meeting on November 6th, from 8:30am to 5:00pm at the New Bedford Whaling Museum. The agenda is still in preparation. The meeting will include presentations on available ropeless fishing products, prototypes in development, and testing results from this year, as well as discussion of progress overcoming regulatory challenges, fisheries outreach, establishing experimental fisheries, and funding opportunities and challenges. Details will follow and will be available at www.ropeless.org.



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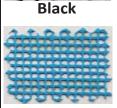
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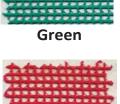
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Progress Toward Massachusetts Senator Bruce Tarr's Plan

to Expand Lobster Processing Backed by Massachusetts State Senate

Office of Senator Bruce Tarr

The State Senate today gave final legislative approval to a plan that requires the Division of Marine Fisheries to complete a study of the current lobster fishery and provide a recommendation as to the advisability of enacting statutory or regulatory changes to allow the processing of lobster parts in Massachusetts. The report, will "provide a recommendation as to the advisability of enacting statutory and regulatory changes to allow the processing of lobster parts" for sale in the Commonwealth, is mandated to be issued before the end of the year.

Senate Minority Leader Bruce Tarr (R- Gloucester) successfully sponsored an amendment to direct the Division of Marine Fisheries to implement new regulations permitting on-shore processing of lobsters as part of the Senate's environmental legislation, an act Promoting Climate Change Adaptation, Environmental And Natural Resource Protection, And Investment In Recreational Assets And Opportunity.

"I believe this study will confirm that our state, which has the second-largest lobster catch in the country, should be processing raw and frozen lobster parts in state rather than sending them to Canada or Maine only to have them brought back for our local consumers," said Senator Tarr. "We are making progress on modernizing our lobster laws to bolster the fishing industry; give consumers, including local restaurants and food stores, more choices and better values and support coastal fishing communities."

While the sale of live, cooked, and canned lobster is legal in the state, the legislation will expand the industry market with the inclusion of other lobster products. The amendment could permit wholesale dealers licensed by the Department of Public Health to process unfrozen lobsters, import unfrozen shell-on lobster parts and tails, and allow for the retail of previously frozen raw in-shell tails.

Tarr notes that the study could result in lifting limits on the processing, sale, and transportation of cooked and frozen in-shell lobster parts. Under existing laws, Massachusetts lobstermen and seafood vendors are required to sell or transport lobster out-of-state for processing and then bring them back for sale to consumers in the bay state – often with a 'Product of Canada' label.





Following a successful study, which will include an economic and market analysis, potential impacts and benefits, and an assessment of potential state and federal law enforcement issues, the Division of Marine Fisheries will make statutory recommendation.

Up to 80% of lobsters landed in the state are sent to out of state processing facilities. Industry leaders say the move will facilitate opportunities to create and grow jobs in the state.

Tarr expressed appreciation for coastal Senators Mark Montigny (D- New Bedford), Vinny deMacedo (R-Plymouth), and Michael Rodrigues (D-Westport) for their efforts to strengthen the industry and in supporting the legislation.

The lobster industry is a critical part of the Commonwealth's economy and heritage. A similar law in Maine has boosted that state's economy, produced local outlets for product sales, and created jobs. Released by the Office of Massachusetts Senator Bruce Tarr on July 31, 2018.



New England Fishery Management Council

FOR IMMEDIATE RELEASE August 15, 2018

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

Council Seeks Input From Fishermen and Research Partners on RSA Programs; Take the Online Survey!

The New England Fishery Management Council is asking fishermen and their cooperative research partners who participate in the Atlantic Sea Scallop, Atlantic Herring, and/or Monkfish Research Set-Aside (RSA) Programs to take an online survey and provide feedback on the strengths and weaknesses of these programs and pass along any suggestions for improvement. Other stakeholders who have an interest or role in RSA programs also are encouraged to take the survey.

The survey is part of the Council's comprehensive review of RSA programs, which is being conducted by a six-member review panel that includes two representatives each from: the New England Council; the National Marine Fisheries Service (NMFS, NOAA Fisheries) Greater Atlantic Regional Fisheries Office (GARFO); and the Northeast Fisheries Science Center (NEFSC). A representative from the Mid-Atlantic Council staff also sits on the review panel as an observer.

"The Research Set-Aside Program is a partnership between the fishing industry, the New England Council, and NMFS to use fishing opportunities to pay for valuable research. It is widely viewed as a success.

"The Council decided to conduct a review because of the importance and magnitude the program. Our RSA programs for scallops, herring, and monkfish support millions of dollars of research, and the Council wants to make sure these programs are as good as they can be."

Dr. Mike SissenwineReview Panel Chair

RSA programs use a set-aside of fishery resources, either quota or days-at-sea, to generate revenue that is used to conduct needed research that directly contributes to Council management.

Click <u>HERE</u>
To Take
The
Online Survey

Research Set-Aside Program Review Panel Members

- Dr. Mike Sissenwine, Panel Chair New England Council
- Deirdre Boelke New England Council staff
- Ryan Silva NOAA Fisheries, GARFO
- · Susan Olsen NOAA Fisheries, GARFO
- Cheryl Corbett NOAA Fisheries, NEFSC
- Dr. Dan Hennan NOAA Fisheries, NEFSC
- Brandon Muffley Mid-Atlantic Council, staff observer

New England Fishery Management Council | 50 Water Street, Mill 2 | Newburyport, MA 01950 Phone: (978) 465-0492 | Fax: (978) 465-3116 | www.nefmc.org



New England Fishery Management Council

The survey, which contains roughly 40 questions, will be available online until mid-September 2018. Some questions are multiple choice, while others request more detailed input from stakeholders. Anyone taking the survey may do so anonymously if preferred, and *survey input will not be attributed to any individual without explicit permission*. Please allow adequate time to complete the survey in a single session.

assure that RSA resea	review process is adequate to rch is useful for fishery quately considers fishing
industry interests.	,
Strongly agree	Disagree
Agree	Strongly disagree
Neither agree nor disagree	On't know / unsure
Do you have suggestions to impro	ove the management review process?
24. RSA research results manner.	are made available in a timely
Strongly agree	Disagree
Agree	Strongly disagree
Neither agree nor disagree	Oon't know / unsure
of RSA quota and days a research can be support	increase the monetized value at sea (DAS) so that more ted? Can you identify the sts of these approaches?
29. Would you favor an	increase in RSA access even if
it means a reduction in	non-RSA fishing opportunities?
Yes	
○ No	

Survey Questions – Examples

What's Next?

The review panel also will be conducting in-depth interviews by phone with many volunteer participants over the next several weeks.

The New England Council will receive a progress report on the review panel's work during its September 24-27, 2018 meeting in Plymouth. The Council is expected to receive the panel's final report in early December.

Among other things, the report will cover:

- The review panel's findings and recommendations;
- The history and role of RSA programs and the purpose of the review;
- Details about how priorities are set for each of the scallop, herring, and monkfish programs, the valuing and monetizing of RSA currency, funding vehicles, project selection, and the handling of RSA results; and
- "Getting the most out of RSA in the future."
- For more information, visit the Council's RSA Review webpage at Research Set-Aside Program Review.
- Take the online survey now at https://www.surveymonkey.com/r/7J7XJJ5.
- Recent RSA announcements can be found at <u>2019-2020 Atlantic Sea Scallop RSA Competion Underway</u>; <u>Atlantic Herring Competition Underway</u>; and <u>2018-2019 Monkfish RSA Awards Announced</u>.









































NOTICE TO MARINERS AND FISHERMEN

SHALLOW WATER GEOPHYSICAL SURVEY

Estimated start and end dates: August 29 – September 1 September 4 – September 8



Vessel: Sea Nymph

LOA: 15 feet Flag: USA

Onboard Mobile: 1.201.414.3811 Project Manager: Mark Padover

Standing by on VHF Channels 13 and 16

Vineyard Wind will begin a shallow water geophysical survey east of the Hyannis Harbor entrance channel. Work will be scheduled for periods of high tide. Vineyard Wind kindly requests no wake from passing vessels to prevent unnecessary vessel roll that could be unsafe to the people and equipment onboard.

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. Information gathered will be used to further design the wind farm and refine the location for the cable route from the wind farm to shore.

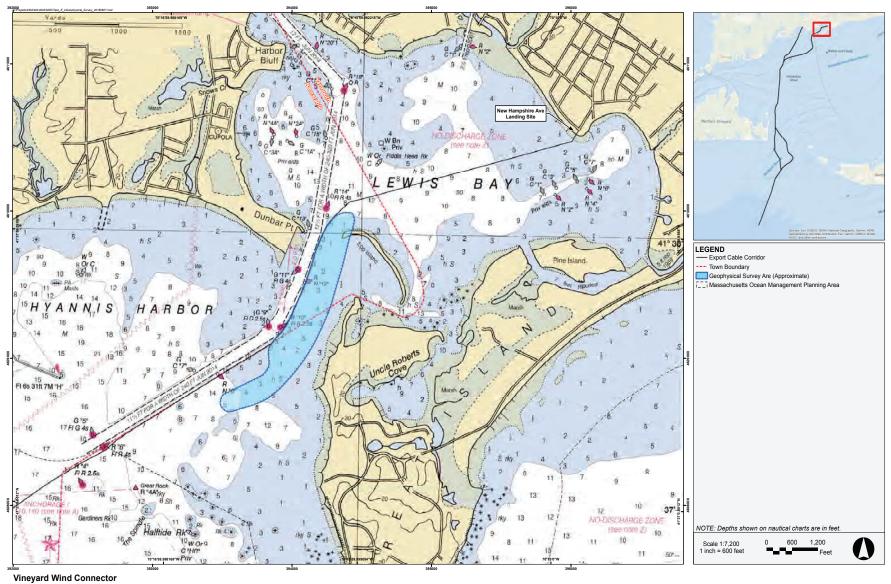
In advance of and during survey operations, we seek contact with fishermen who are or may be working in the survey area. Please see reverse side for chart of survey area.

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



VineyardWind.com • info@vineyardwind.com • @vineyardwindMA • 508-717-8964 700 Pleasant Street, Suite 510 • New Bedford, MA 02740





VINEYARD WIND



WHAT'S IN YOUR WALLET?

As you haul up your lobster pots, you just never know what is going to be in your wallet? Yes, your wallet. Lobster pots are just like your wallet and as you can see to your left, you just never know what is going to be in them. This summer we have received numerous pictures from you all and these are the winners from the Blue Crab caught in Cape Cod Bay, the lobster pot full of Cod fish caught in the Gulf of Maine, the Red Crab caught in Cape Cod Bay to the lobster pot full of Tautog off New Bedford. All of these species seem to be moving northward with the population expanding its range and the stock exploding in some regions. While the crabs are not as aggressive as the fish are the lobsters still avoid lobster pots when these species are inside waiting to make a meal out of them!! So, next time you haul your lobster pots and see something strange, snap a picture and share it with us we'd love to see what's in your wallet!



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THE CANADIAN LOBSTER FISHERY IS...

• ONE OF THE MOST SUSTAINABLE IN

THE WORLD. Our ongoing mitigation strategies as well as newly introduced regulations all help to mitigate the risk to the North Atlantic Right Whale (NARW).

COMMITTED TO NARW PROTECTION

and has been taking steps long before the devastating mortality rate in 2017. The industry began developing its own mitigation strategies which included harvester-driven self monitoring and gear tracking as early as 2006.



The Canadian lobster fishery has implemented many mitigation measures to protect the NARW.

These include:

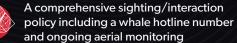


A reduction in the amount of rope floating on the surface of the water



A newly implemented requirement that all harvesters report any lost gear







Defined zones with defined seasons



Daily oversight of regulatory compliance by the federal department of Fisheries and Oceans



Governing protocols as set out by Canada's Species At Risk Act

CANADIAN

LOBSTER

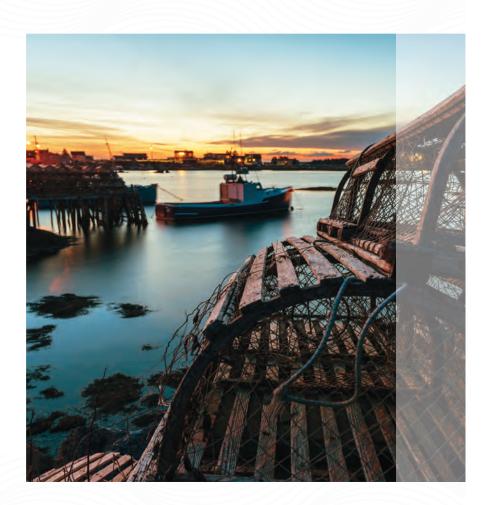


Lobster harvesters are adhering to new dynamic and static closure measures that have been implemented by the Government of Canada.

In addition to these ongoing measures, lobster harvesters in a number of Canadian fishing regions have been testing various technologies to aid in NARW protection. As well, several harvesters have trained with whale rescue teams on whale disentanglement.

The Canadian lobster fishery also differs from others in the number of traps and lines that we are able to have in the water at any given time.

As an industry we are very committed to continue to work with regulators on both sides of the Canada/US border to ensure that we are doing all we can to implement proven mitigation tactics that will have a real impact on the long-term sustainability of the NARW.





WE MUST ALL CONTINUE TO WORK TOGETHER TO DEVELOP THE RIGHT STRATEGIES TO PROTECT THE NARW WHILE ENSURING CONTINUED SUSTAINABILITY OF THE FISHERY AND COASTAL COMMUNITIES.

The Lobster Council of Canada
35 Parkhill Road
Halifax, NS
B3P 1R4
(902) 497 9128
geoff.irvine@lobstercouncilcanada.ca

CANADIAN LOBSTER INDUSTRY PROTECTION OF NORTH ATLANTIC RIGHT WHALE

OVERARCHING PROTECTION MEASURES



Daily oversight of regulatory compliance by the federal department of Fisheries and Oceans

DEFINED LOBSTER SEASONS

The defined lobster seasons have historically limited contact with NARW.



Seasons			
24.	17	1000	23-34
April 20 - July 15	June 5 - August 5	May 15 -July 15	Land Monday in Navierober – May 31
F12	STATE	28	10900
April 20 - July 30	May 20 - July 51	May 9 - July 9	Last day Feb - July 31 and October 14 - December 31
33a-53b	19/21	28	36-37
April 20 - July 5	May 9 - July 9	May 10 - July 19	March 51 - June 29 and 2nd Tuesdays in November - January 14
(6)-180-141	26-72-725-7 34-78-478-8	30	58
May 5 - July 10	April 191 - June 191	May 19 - July 20	2nd Tuenday in November -
16	20a	214	2000
June 1 - August 12:	May 8 - July 7	April 29 - June 30	Closed to instern-offshire inteller fielding
1000	N. I	3116-32	41
May 20 - August 10	August 9 - October 10	April 19 - June 26	Anna spen of year

NARW INTERACTION AND SIGHTINGS REPORTING



As part of compliance with the US Marine Mammals Protection Act (MMPA) harvesters will report all interactions with NARWs and their condition within 48 hours

As well, all sightings with NARW and their condition must be reported to DFO

1-844-800-8568

All interaction must be reported in the Species at Risk Logbook



DYNAMIC/STATIC ZONE CLOSURES - NEW MEASURES

A static closure will be implemented in an area where



of the NARW observations occurred in 2017 to provide a large, gear-free area

When one NARW is observed inside a foraging area, a

maximum of 9 grids

will be closed with a temporary dynamic closure to provide a buffer area to allow for whale movement Dynamic closures were introduced in

2018



License holders will be provided 48 hours to remove fishing gear from the zone prior to a dynamic closure

DYNAMIC CLOSURES

will be in place for a minimum of 15 days and extended by 15 days from the last NARW sighting

UNIVERSAL GEAR REQUIREMENTS

No surface floating rope attaching a trap to a primary buoy is permitted after trap has been set

No surface floating rope attaching a trap to another trap is permitted after a trap has been set

If fishing with a primary and secondary buoy a maximum of **3.7 meters of rope** shall be used when attaching a primary buoy to a secondary buoy



License holders must report lost gear within 72 hours of discovery

All surface buoys must be marked with an identification of the vessel registration number

GOVERNING PROTOCOLS AS SET OUT BY CANADA'S SPECIES AT RISK ACT (SARA)



To ensure the protection of species at risk, SARA contains general prohibitions that make it an offence to:

- kill, harm, harass, capture, or take an individual of a species listed in Schedule 1 of SARA as endangered, threatened or extirpated;
- possess, collect, buy, sell or trade an individual of a species listed in Schedule 1 of SARA as endangered, threatened or extirpated;
- damage or destroy the residence (e.g. nest or den) of one or more individuals of a species listed in Schedule 1 of SARA as endangered, threatened or extirpated (if a recovery strategy has recommended the reintroduction of that extirpated species into the wild in Canada).



MLA Meeting Room Dedicated

in Honor of Bill Adler

On August 13th the meeting room at the MLA office was dedicated in honor of Bill Adler for his 26 years of service (1988-2014) and dedication to the MLA. Bill worked hard to make the conference room become a reality for the MLA and it is with great respect and honor to now be able to call it the Bill Adler meeting room. Bill fought even harder on behalf of the commercial lobstermen here in the Commonwealth.

As Vince Lombardi once said; "The price of success is hard work, dedication to the job at hand, and the determination that whether we win or lose, we have applied the best of ourselves to the task at hand." This was written for you, Bill! Thank you, Bill for your commitment and dedication to the MLA and the commercial lobster industry.

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Cat I Automatic

GME-MT403FF Order# 731678

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Type I Offshore **Life Vest**

USCG Approved with reflective tape, light loop and whistle attachment.

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MMPERIAL Adult Universal Cold Water Immersion Suit **USCG APPROVED**

Three fingered mitt. Features wide legs for easy donning. Dual-zipper pull tabs. Includes whistle and storage bag.

RVS-14094 Order# 743829



KENT

Premium Adult Universal Immersion Suit USCG APPROVED

High visibility yellow inflatable head pillow, face mask, mitts and ankle adjustments. Removable head pillow. Articulated arms for easier donning. Includes buddy line and whistle.

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KNT-1540-AU Order# 753274



KENT In-Sight Offshore Automatic/Manual Inflatable PFD

USCG APPROVED Type V with Type II Performance

Heavy-duty 420 denier nylon shell. Neoprene comfort collar. In-Sight window. SOLAS grade reflective tape. Full 35 lbs buoyancy.

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Red Order# 761645



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15" high boot, features a Deck Boss boot insole, 1" durable silicone boot bands, and a flexible fold down upper. Gray/Orange. Sizes 7-14

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Oil Change Pump

pump. Rebuildable flexible impeller pump. 14 quart container easily handles two engines. High-temperature resistant Teflon dip-stick probe.

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Oil Absorbent Sheets

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High-tenacity white nylon multifilament fiber. Four-stage construction produces a torque-balanced rope with medium lay. Meets or exceeds Cordage Institute, US and Canadian Military standards.



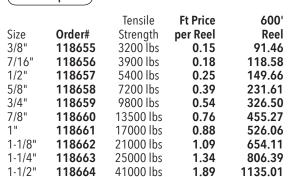
Lobster Crate

		Tensile	Ft Price	600'
Size	Order#	Strength	per Reel	Reel
3/8"	118628	3700 lbs	0.17	104.46
7/16"	118630	5000 lbs	0.22	131.75
1/2"	118631	6400 lbs	0.31	184.86
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
1-1/2"	118639	53000 lbs	2.43	1457.77

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High-tenacity polyester with polypropylene core, medium lay, good strength/low stretch, good abrasion resistance, excellent UV resistance. White with orange tracers.





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new buoy paint is!



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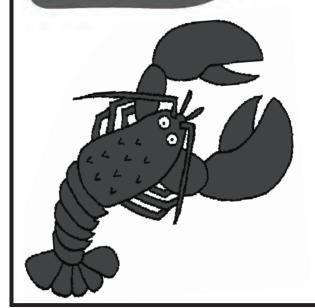
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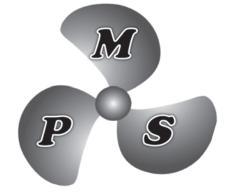
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Greater Atlantic Region Bulletin

NOAA Fisheries, Greater Atlantic Regional Fisheries Office, 55 Great Republic Drive, Gloucester, MA 01930

For Information Contact: Sustainable Fisheries Division (978) 281-9315 http://www.greateratlantic.fisheries.noaa.gov/ Date Issued 8/21/2018

Vessels with Federal Atlantic Herring Permits

Reduction in Catch Limits for Atlantic Herring Management Areas Effective Date: August 22, 2018

We are reducing the sub-annual catch limits (ACL) for the four Atlantic Herring Management Areas for the rest of 2018 based on an updated stock assessment and a recommendation from the New England Fishery Management Council.

We agreed with the Council's recommendation to reduce 2018 catch but determined that further reductions are necessary to lessen the risk of overfishing in 2018. Therefore, we are further reducing the Area 1A and Area 3 sub-ACLs by a total of 3,775 mt, resulting in sub-ACLs for the four management areas totaling 49,900 mt. We expect this reduction to reduce the probability of overfishing in 2018, increase the estimated herring biomass in 2019-2021, and provide for more catch for the fishery.

Management Areas would close when 92-percent of the sub-ACL is projected to be harvested. The revised 2018 sub-ACLs (in mt) are as follows:

	2018 Original Limits	2018 Council Recommendation	NEW AREA SUB-ACLs
Area 1A Sub-ACL	31,789*	28,682*	27,743
Area 1B Sub-ACL	3,552	2,639	2,639
Area 2 Sub-ACL	31,137	8,200	8,200
Area 3 Sub-ACL	43,763	14,134	11,318
Total of Sub-ACLs	110,536**	53,655	49,900

^{*} If New Brunswick weir fishery catch through October 1 is less than 4,000 mt, then 1,000 mt will be added to the ACL and Area 1A Sub-ACL.

Q. Why is NOAA Fisheries taking this action?

A. The 2018 stock assessment concluded that the Atlantic herring stock is in decline due to poor recruitment into the population and projected that large cuts in the 2019-2021 ACL

For small entity compliance guides, this bulletin complies with section 212 of the Small Business Regulatory Enforcement and Fairness Act of 1996. This notice is authorized by the Regional Administrator of the National Marine Fisheries Service, Greater Atlantic Region

1

^{**}Total of the sum of the area sub-ACLs. Note that this is different from the stockwide ACL (100,969 mt) which is not increased by carrying over underages.

would be necessary to prevent overfishing. In order to lessen these future catch reductions, the Council recommended we cap the 2018 Atlantic herring harvest.

Q. Why did NOAA reduce the sub-ACLs below the New England Council's recommendations?

A. The Council's recommendation was intended to mitigate the impacts of estimated 2019 reductions on the herring industry. NOAA Fisheries agrees with the Council's intent to reduce these impacts but felt that further reductions were necessary to lessen the risk of overfishing in 2018. The stock assessment projected that the Council's recommended level of catch was likely to result in overfishing for 2018, so we chose to reduce the Council's recommended catch so that we would meet the 50-percent probability of overfishing target that was used in previous specifications for setting the overfishing limit (OFL). We reduced the sub-ACLs from the Council recommendation by a total of 3,775 mt, which results in sub-ACLs for the four management areas totaling 49,900 mt. Based on the 2018 stock assessment projection, we expect this reduction to reduce the probability of overfishing in 2018, increase the estimated herring biomass in 2019-2021, and provide for more catch for the fishery.

Q. Why did NOAA Fisheries distribute the reductions the way they did?

A. We subtracted the additional 3,775 mt from the Council's proposed sub-ACLs for Area 3 (14,134 mt to 11,318 mt) and Area 1A (28,862 mt to 27,743 mt). Area 3 catch has dropped in recent years and there has been minimal catch there in 2018. We project it to be the least likely sub-ACL to be captured. Focusing part of the additional reduction on Area 3 would allow the midwater trawl fleet with an opportunity to access available catch in Area 1B that may help mitigate the loss of potential catch from Area 3. Avoiding an additional reduction to Area 2 catch would help avoid an early closure of the directed fishery in Area 2 that could result from setting the new limit too close to current catch amounts. Reducing Area 1A quota will spread the reductions among the herring gear types rather than having impacts predominately on midwater trawl vessels.

For more information, please visit the NOAA Fisheries Greater Atlantic Region <u>herring webpage</u> or contact Dan Luers at <u>Daniel.luers@noaa.gov</u>; 978-282-8457.



The Section 6 Species Recovery

Rope Survey is Underway for the Lobster Fishery from Maine to Connecticut



The Maine Department of Marine Resources, with funding from the NOAA Section 6 Species Recovery Grants to States Program, is conducting surveys of lobster harvesters to provide data that will inform future whale protection regulations from Maine to Connecticut.

Harvesters from Maine, New Hampshire, Massachusetts, Rhode Island, and Connecticut as well as those who fish in the offshore statistical areas within Management Area 3 are asked to

complete this survey by the end of September.

Harvesters are being asked to complete a brief survey on how vertical lines are rigged and fished. Information will include rope type and diameter; trap configuration, distance from shore, depth, and type of surface system.

Without a better understanding of vertical lines, regulators are more likely to implement sweeping regulations which might not be any more effective at protecting whales. Good information from industry, including these surveys, will increase the likelihood of targeted, effective regulations.

Personal or identifying information will be kept confidential and removed prior to distribution of survey results; however, we ask for your name, phone number and, in the case of Maine harvesters, your landings number, so we can contact you if necessary to confirm information provided in the survey.

Here is the link: https://www.maine.gov/dmr/science-research/species/lobster/ropesurveylandingpage.html or you can visit www.lobstermen.com and it will be on the HOME page.

Participation should take less than 10 minutes and YOUR participation is critical to ensure the data collected is a true depiction of the lobster fishery.

End line or vertical line samples

The MLA will also be collecting as many end line/ vertical line samples, we are looking for complete end lines and we need to collect at least a name and phone number with each sample so we can contact them to get additional information about the end line (e.g. how many seasons fished, etc.). The data sheet can also be found on the MLA home page so you have a sense of what we're looking for. These end lines can be dropped off at the MLA office at 8 Otis Place, Scituate, MA 02066 or at the Delegates meeting on September 19th or mailed to the MLA office.

The Rope Breaking Datasheet can also be found at www.lobstermen.com HOME page for the basic information we need collected with each sample. These tags should be attached to the end line sample so we can keep straight who's donated what. A fisherman can certainly donate more than one sample if he fishes different configurations or fishes different rope in different areas. If someone does give more than one sample, please tag both ropes and label them 1 of 2 and 2 of 2 for example.

Please do not hesitate to call for assistance with any of the surveys, please contact Caitlin Cleaver with FB Environmental at 207-706-9466 or by email at caitlinc@fbenvironmental.com or call Beth Casoni at the MLA 781-545-6984 xt1.

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

Stephen J. Kelley

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.

John McCarthy **Doug Maxfield** Albert Christopher Jr. Michael Malawicki **Matthew Gonet Marty Bolcome Gary Mataronas Domenic Spinale** Frank Kristy **David Calhoun Stephen Larsen Kenneth Hnis Brendan Adams** William Mulvev **Ralph Jacobs Kenneth Roth Robert Tolley David Demski** Joseph B.Perry Jr. Joseph Mondello Jr. **Charles Kline** Dennis K. Ingram **Donald Arthur Wilkinson** Paul M. Quintal **Michael Goodwin Eric Meschino Phil Mason Jeff Bartlett James Bartlett Timothy Bartlett William Bartlett Patrick Fehily Justin Mahoney** Joeseph Gallagher **James Violet Dana Rowand Matthew Marr**

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Massachusetts current quotas and landing information

Here you can view up-to-date information for the following species:

Black Sea Bass, Bluefish, Fluke, Horseshoe Crab, Menhaden, Scup, Striped Bass, Tautog Please remember that horseshoe crab quota and landings are reported as count of individual crabs harvested for non-biomedical purposes.

QUOTA MANAGED SPECIES 2018 Landings and Quota Information as of Aug 22, 2018 - 09:15 A.M.								
Species	Current Status	2018 MA Landings	2018 Quota	Quota Type	Percent Landed			
Black Sea Bass	OPEN	275,319	457,645	MA	60.2%			
Bluefish	OPEN	121,371	486,539	MA	24.9%			
Dogfish	OPEN	3,320,874	22,153,577	CW	to NMFS			
<u>Fluke</u>	CLOSED	409,933	410,192	MA	99.9%			
Horseshoe Crab*	OPEN	106,135	165,000	MA	64.3%			
Menhaden	OPEN	5,187,751	6,065,015	MA	85.5%			
Scup (Winter I)	CLOSED	567,957	10,820,000	CW	to NMFS			
Scup (Summer)	OPEN	549,504	2,016,112	MA	27.3%			
Striped Bass	OPEN	488,833	847,585	MA	57.7%			
Tautog	CLOSED	5	62,945	MA	%			

MA - Massachusetts-specific quota

CW = Coast-wide quota shared between MA and other Atlantic states prompt

"Horseshoe Crab quota and landings reported as count of individual crabs harvested for non-biomedical purposes

CONTACT FOR CURRENT QUOTAS AND LANDINGS

Statistics Program: Address 30 Emerson Ave, Gloucester, MA 01930 Phone -Call Statistics Program at (978) 282-0308 x 101 more contact info

Whale Entanglement Challenges

- Michael Moore, Biology Department, Woods Hole Oceanographic Institution, Woods Hole, MA 02543 mmoore@whoi.edu

For the past 20+ years, as a veterinarian and scientist at the Woods Hole Oceanographic Institution (WHOI), I have studied interactions between humans and marine mammals. I have spent a lot of time on the beach learning from dead whales about how they die before their time and I've been at sea, studying the health of large whales using a variety of technologies. North Atlantic right whales have become a major focus for my concerns, both in terms of the status of the species, but also the health and welfare of individuals. I recently gave a TEDx talk (https://youtu. be/vhkY Ny-sBA) that summarizes what we have learned; vessel strikes kill whales quite regularly, and entanglement in rope can lead to lethal and sub-lethal impacts. The vessel strike problem has solutions that involve avoiding whale hotspots, if possible, slowing down where those areas cannot be avoided, and mariner education. As many research, state and federal colleagues have shown, the entanglement problem has been escalating despite major effort and investment by the trap fishing industry to mitigate the problem. I have watched with dismay and concern for the livelihoods of individual fishermen, as the industry has repeatedly done what it has been asked to do: weak links, sinking ground line, and seasonal closures but the problem persists and escalates. I am not alone in believing that removing end line from the

water column is an essential next step. Since we held the Ropeless Workshop at WHOI in February of this year (www. ropeless.org), there has been earnest push back from the industry with very reasonable major concerns about cost, practicality, safety, layovers, and to quote some, the overall insanity of the idea. (The term 'ropeless' has led to confusion.



Fred Penney patiently explaining grappling.

It does not imply no sinking ground line. The word is best seen as describing a ropeless condition for the whales.) Where there are closures, such as seasonally in Cape Cod Bay and the Gulf of St Lawrence, there is willingness at least to consider, develop and test solutions that could reopen those areas. There have

been trials of remote release systems this summer with Dave Casoni and others, which have been fruitful, but also accentuate the challenges especially of unmanageable cost, safety and layovers.

While preparing for the Ropeless workshop I recognized that the various remotely triggered buoyant trap recovery systems that are either on the market, or in development could take precious time to develop for the specific needs of New England and Eastern Canadian trap fisheries, and that given grappling is used to recover traps where end lines have been lost, it would be worthwhile exploring that option while pursuing longer term evaluations of other gear. So, I examined the Golden Crab Fishery in the Gulf Stream where the strong current precludes end lines and the Boston Harbor

situation, where vessel trauma to end lines is such that grappling is routine. The Golden Crab fishery is in very deep water, they have figured out how to relocate the traps by understanding how the stream affects where the traps get to, and they communicate about location to avoid layovers. Thus, the low trap density and communication avoid the layover problem. In regards to Boston Harbor, I was invited by Fred Penney to learn first-hand about the Boston Harbor system, where layovers are a constant issue, and only manageable because of the shallow and protected water. I am really grateful to Fred for taking the time.

My TEDx talk also highlighted the potential for fishing without end lines in deeper water, generating a whale friendly product that could be sold at a premium to ethically-minded consumers. How to make this practical, safe and affordable is the obvious challenge. What I learned from Fred was the safety and practical concern about layovers in deeper water, making grappling or other end-line-less retrieval systems harder to use. I also learned at the Ropeless Workshop, from the Maine community, the huge ethical/legal concern about grappling given its current use to exceed trap limits using sunken trawls. Yet grappling is routinely used where end lines have been cut. Thus, there are diverse challenges for its broader use as a routine retrieval method. The challenges that remain are layovers and their consequences as well as increased time to retrieve, the actual buoy on the surface versus a virtual buoy on a plotter is something that as an observer from outside the industry, I cannot fully comprehend. Plus of course virtual trap markers would have to become legal. However, I believe that an affordable, durable, practical, legal remote trap tag is a critical piece to a future of profitable, sustainable trap fishing and healthy, un-entangled whales. I sincerely hope to learn more from the trap industry, so that along with many other colleagues, we can work with you all to evolve to where trap fishing can remain profitable, but also allow for endangered whale species to survive.



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MA Marine Fisheries Advisory Commission

July 19, 2018 Meeting Summary

This document serves as a brief summary of the July 19, 2018 Marine Fisheries Advisory Commission (MFAC) business meeting. Further details will be captured in MFAC business meeting minutes for this date.

Discussion Items

Letter from MFAC to Secretary Beaton

Commission members agreed to send a letter to Secretary Beaton of the Executive Office of Energy and Environment. The letter addresses enhancing the coastal presence of the Massachusetts Environmental Police and advocates for increasing their budget to hire new personnel.

Preview of August 2018 ASMFC Meeting

DMF staff provided a preview of the August 2018 ASMFC business meeting. The Eel Board is scheduled to vote on an addendum to the FMP, which addresses elver and yellow eel quotas. The Menhaden Board will consider potential responses to VA potentially failing to enact the Chesapeake Bay Cap required by the FMP. Lastly, the recreational black sea bass working group was continuing its effort to develop a more cohesive and equitable coast-wide management approach that accounts for shifts in the geographic distribution of fish.

Draft ASMFC/MAFMC Bluefish Amendment

The ASMFC and MAFMC recently held joint public hearings to begin to scope the development of a draft addendum to the federal and interstate FMP. The purpose of the draft amendment will be to address recreational-commercial allocation splits, state-by-state commercial quota allocations and commercial quota transfers. The MFAC supported drafting of a letter to the MAFMC and ASMFC to advocate that the draft amendment include conservative management options.

Update on Recent Adjudicatory Hearings

DMF reviewed the results of several recent adjudicatory hearings. This included the issuance of permit sanctions and the adoption of permit conditions for recreational and commercial fishing violations and permit revocations for contaminated shellfish violations.

Presentation

DMF provided the MFAC with a presentation on kelp aquaculture development in Massachusetts.

Upcoming Meetings

The next MFAC business meeting is scheduled for Thursday, September 13, 2018. It will be held at Division of Marine Fisheries East Field Office in New Bedford, 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>).



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Ingredients:

4 (8oz.) Filet Mignon

½ teaspoon garlic powder

4 slices bacon

1/2 cup butter, divided

1 teaspoon Old Bay seasoning

8 oz. lobster tail, cleaned & chopped

Directions:

- 1) Set oven to Broil at 500 degrees F (260 degrees C).
- 2) Sprinkle tenderloins all over with salt, pepper, and garlic powder. Wrap each filet with bacon, and secure with a toothpick. Place on a broiling pan, and broil to desired doneness, about 8 to 10 minutes per side for medium rare.
- 3) While tenderloins are cooking, melt 1/4 cup of butter over medium heat with 1/2 teaspoon Old Bay(R) seasoning. Stir in chopped lobster meat, and cook until done. Spoon lobster meat over cooked tenderloins, and return them to the broiler until the lobster meat begins to brown.
 - 4) While the lobster is in the oven, heat the remaining 1/4 cup of butter in a small saucepan over medium-high heat, cook until it browns, turning the color of a hazelnut. To serve, spoon the browned butter over the steaks, and sprinkle with the remaining Old Bay(R) seasoning.





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Massachusetts Fun Facts

552 original documents pertaining to the Salem witch trials neighboring town of Auburn. of 1692 have been preserved and are still stored by the Peabody Essex Museum.

Boston built the first subway system in the United States in 1897.

Although over 30 communities in the colonies eventually renamed themselves to honor Benjamin Franklin. The Massachusetts Town of Franklin was the first and changed its name in 1778.

Norfolk County is the birthplace of four United States presidents: John Adams, John Quincy Adams, John Fitzgerald Kennedy and George Herbert Walker Bush.

In Holyoke, William G. Morgan, created a new game called "Mintonette" in 1895. After a demonstration given at the YMCA in nearby Springfield, the name "Mintonette" was replaced with the now familiar name "Volleyball."

There is a house in Rockport built entirely of newspaper.

Hingham's Derby Academy founded in 1784 is the oldest co-educational school in the United States. Hingham's First Parish Old Ship Church is the oldest church structure in the United States in continuous use as a place of worship.

The Fig Newton was named after Newton, Massachusetts.

The visible portion of Plymouth Rock is a lumpy fragment of glacial moraine about the size of a coffee table, with the date 1620 cut into its surface. After being broken, dragged about the town of Plymouth by ox teams used to inspire Revolution-aries, and reverently gouged and scraped by 19th-century souvenir hunters, it is now at rest near the head of Plymouth Harbor.

The Basketball Hall Of Fame is located in Springfield.

James Michael Curley was the first mayor of Boston to have an automobile. The plate number was "576" - the number of letters in "James Michael Curley." The mayor of Boston's official car still uses the same number on its plate.

The American industrial revolution began in Lowell. Lowell was America's first planned industrial city.

On October 1, 1998, "Say Hello To Someone From Massachusetts" by Lenny Gomulka, was approved as the official polka of the Commonwealth.

1634: Boston Common became the first public park in America.

1891: The first basketball game was played in Springfield.

Massachusetts holds the two largest cites in New England, Boston, the largest, and Worcester.

The creation of the Cape Cod National Seashore, which was formerly private town and state owned land, marked the first time the federal government purchased land for a park.

Robert Goddard, inventor of the first liquid fueled rocket, was born and lived much of his life in Worcester and launched the first rocket fueled with liquid fuel from the

Quincy boasts the first Dunkin Donuts on Hancock Street and the first Howard Johnson's on Newport Ave.

Glaciers formed the islands of Nantucket and Martha's Vineyard during the ice age.

The first U.S.Postal zip code in Massachusetts is 01001 at Agawam.

Brewster has become the de facto "Wedding Capital of Cape Cod" because of its many small and larger inns that cater to weddings.

The birth control pill was invented at Clark University in Worcester.

The signs along the Massachusetts Turnpike reading "x miles to Boston" refer to the distance from that point to the gold dome of the state house.

Harvard was the first college established in North America. Harvard was founded in 1636. Because of Harvard's size there is no universal mailing address that will work for every office at the University.

In 1838 the Boston & West Worcester Railroad was the first railroad to charge commuter fares.

The Boston University Bridge on Commonwealth Avenue in Boston is the only place in the world where a boat can

sail under a train driving under a car driving under an airplane.

The Mather school was founded in Dorchester in 1639. It is the first public elementary school in America.

On top of the commercial building on Centre Street in Jamaica Plain sits a weather vane with

a whale on it. The building was once state headquarters of Greenpeace. - "Save the whales"

John Adams and John Quincy Adams are buried in the crypt at the United First Parish Church in Quincy.

The Children's Museum in Boston displays a giant milk bottle on the museum's wharf. If it were real it would hold 50,000 gallons of milk and 8,620 gallons of cream.

Princeton was named after the Reverend Thomas Prince, Pastor of the Old South Church in Boston, and one of the first proprietors of the town. Princeton was incorporated in

Barnstable County is the only Massachusetts county where resident deaths out numbered births between 1990 and 1997.

The Pilgrim National Wax Museum in Plymouth is the only wax museum devoted entirely to the Pilgrim's story.

In 1908, Miss Caroline O. Emmerton purchased The House of the Seven Gables - built in 1668 - restored it to its present state and, in 1910, opened the site to the touring public. The seven-gabled house inspired Nathaniel Hawthorne to write his famous novel of the same name.

The Boston Tea Party reenactment takes place in Boston Harbor every December 16th.

Balance Rock in Lanesborough is named in honor of a 25' x 15' x 10 boulder that balances upon a small stone below

Massachusetts first began issuing drivers licenses and registration plates in June of 1903.

The 3rd Monday in April is a legal holiday in Massachusetts called Patriot's Day.

The first Thanksgiving Day was celebrated in Plymouth in

William Hill Brown published The Power of Sympathy in Worcester in 1789. An imitation of Goethe's Sorrows of Young Werther it is regarded as the first American novel.

The fourteen counties in Massachusetts are made up of 43 cities and 308 towns.

Charles Goodyear in Woburn first vulcanized rubber in

Elias Howe of Boston invented the first sewing machine in 1845.

Massachusetts Welcomes You

The first nuclearpowered surface vessel, USS Long Beach CG (N) 9, was launched at Quincy in 1961.

The USS Constitution 'Old Ironsides', the oldest fully commissioned vessel in the US Navy is permanently berthed at

Charlestown Navy Yard. Since 1897 the ship has been overhauled several times in Dry Dock 1.

Revere Beach was the first public beach in the United States and is host to Suffolk Downs horse racing track, Wonderland dog racing track and a 14-screen cinema complex.

The official state dessert of Massachusetts is Boston cream

Milford is known the world over for its unique pink granite, discovered in the 1870's and quarried for many years to grace the exteriors of museums, government buildings, monuments and railroad stations.

Acushnet is the hometown of the Titleist golf ball company.

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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

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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

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AD# 15 (8/18) WANTED-Sternie on a lobster boat out of Hingham-from now till December. 3 days a week-Tues-Thurs,Saturday. Third man. Only REAL qualification is dependability. 10 00 bonus at finish of the season. Out of Hingham shipyard. Call 617-653-2560

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

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- 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

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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 (4/18) FOR SALE- 30" Crosley net lifter & set bar \$3500. OBO Call 941-779-5207

AD#37 (8/18) FOR SALE- Mass Coastal Lobster Area 1 permit & 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 x 24 x 9 with wood runners and brick. Custom cut wood and repair stock. Call Matt -C-Trap 508-758-2740

AD#42 (3/18) FOR SALE-750 4ft. traps including rope and buoys available for sale. Most of gear less than 4 years old. 100 brand new traps. Starting at \$40/trap. Call or email John -jholler1234@hotmail.com 617-212-3360

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

AD#44 (8/18) FOR SALE- 1979 27' Nauset lobster, 2017 new deck and pilot house roof. 200 Hp Volvo TAMD41B runs great, 12" Hydro-slave hydraulic hauler, two wash-downs, full electronic GPS chart plotter, Furuno GP36, depth finder and radar, Boat has a custom trailer, Currently fishing, Call Jim. @781-264-0104 Can text pictures. \$17,999

AD#45 (3/18) FOR SALE- 1000- 12/0 circle hooks on 1/4 inch parachute cord 4 tubs new, never fished w/8 trawl anchors w/ lines. New in package 2 Rule-Mate 1100-A auto bilge pumps \$50.00 - Old style pass-load 1/2 inch staple gun, rebuilt condition. Stanley "Boss" twin tank oil-less compressor, needs work. Used hi-flyers & other misc; fishing gear. Evenings only- Bryan @ 508-627-4569

AD#46 (3/18) FOR SALE- 1987 42' PEI F/G Lobster Boat 375 Cat Diesel 14" hauler mass lobster license LMA-1 500 traps, rope, brake, clip gun etc. \$85,000 Call 617-875-7664

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

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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

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-

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

AD#54 (7/18) FOR SALE- 200 Lobster Traps 39×22 -22×15 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

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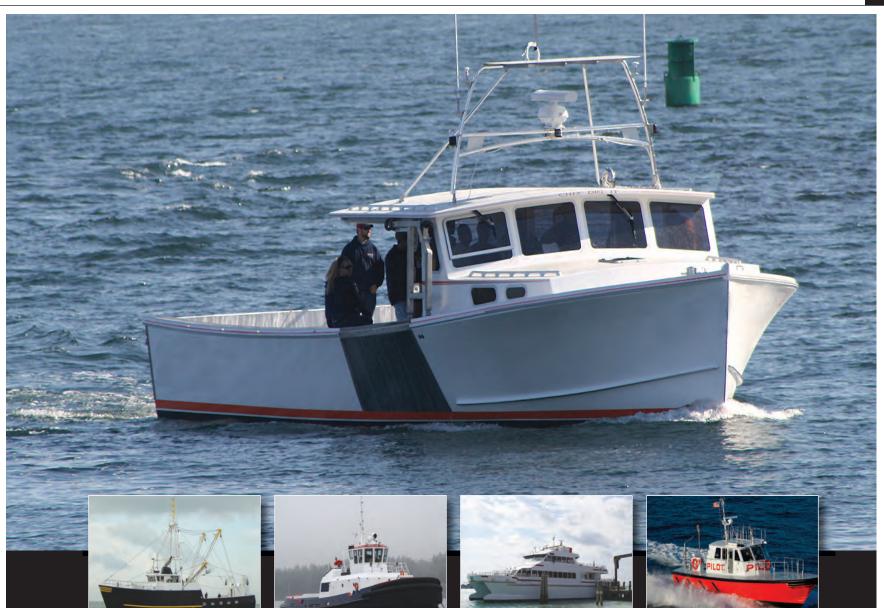
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