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FISHERY MANAGEMENT COUNCILS

Approve Lobster SBRM Framework

By Joyce Rowley

This fall, the New England and the Mid-Atlantic Fishery Management Councils approved a framework adjustment to the Standardized Bycatch Reporting Method (SBRM) Omnibus Amendment for the lobster fishery that allows NMFS to assign a Northeast Fisheries Observer Program (NEFOP) observer on any federally-permitted

lobster pot vessel, not just those that must report using a vessel trip report (VTR). The proposed federal rule is expected to be published in January with a final rule and implementation scheduled for April 2018.

Federally-permitted lobster vessels are already required to carry an observer if assigned one as a condition of their permit. But lobster pot vessels that

only had lobster permits were specifically excluded from sampling in the original SBRM Omnibus Amendment in 2015.

“The framework clarifies the councils’ intent to include the lobster pot

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COVER STORY

fishery in the SBRM," said researcher Susan Wigley of the Northeast Fisheries Science Center (NEFSC) Population Dynamics Branch. "By using all active lobster pot vessels, it will spread the required sea days over a larger number of vessels."

The SBRM analysis includes all 14 species that have fisheries management plans (FMP) in the two regions. Based on the prior year's discards, the NEFSC then

determines which species will be the determinant for the fleet, or fishing mode, and sets the maximum number of observer sea days needed within a fleet for the next year.

The number of observer sea days required depends on the total landings, total discards, and relative amount of discard changes, Wigley said.

In 2015, nearly 700 sea days were scheduled for the lobster fishery, driven by the large mesh groundfish fishery fleet which was the species with the greatest variability in the fleet. The species with the maximum variability is selected by fleet, so that the rest of the fleet will meet the precision level needed in sampling.

Sampling for 2016 and 2017 dropped back to just over 30 sea days total for both the New England and the Mid-Atlantic combined.

Since only vessels with other federal permits that required reporting catch under a VTR were in the pool to be sampled, the 700 sea days were assigned to fewer than 500 vessels in 2015.

For example, the pool of lobster pot vessels to be selected for

COVER STORY Continued on page 37



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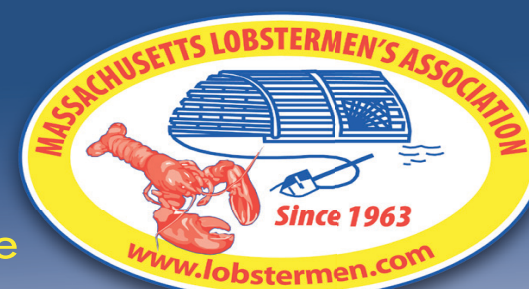
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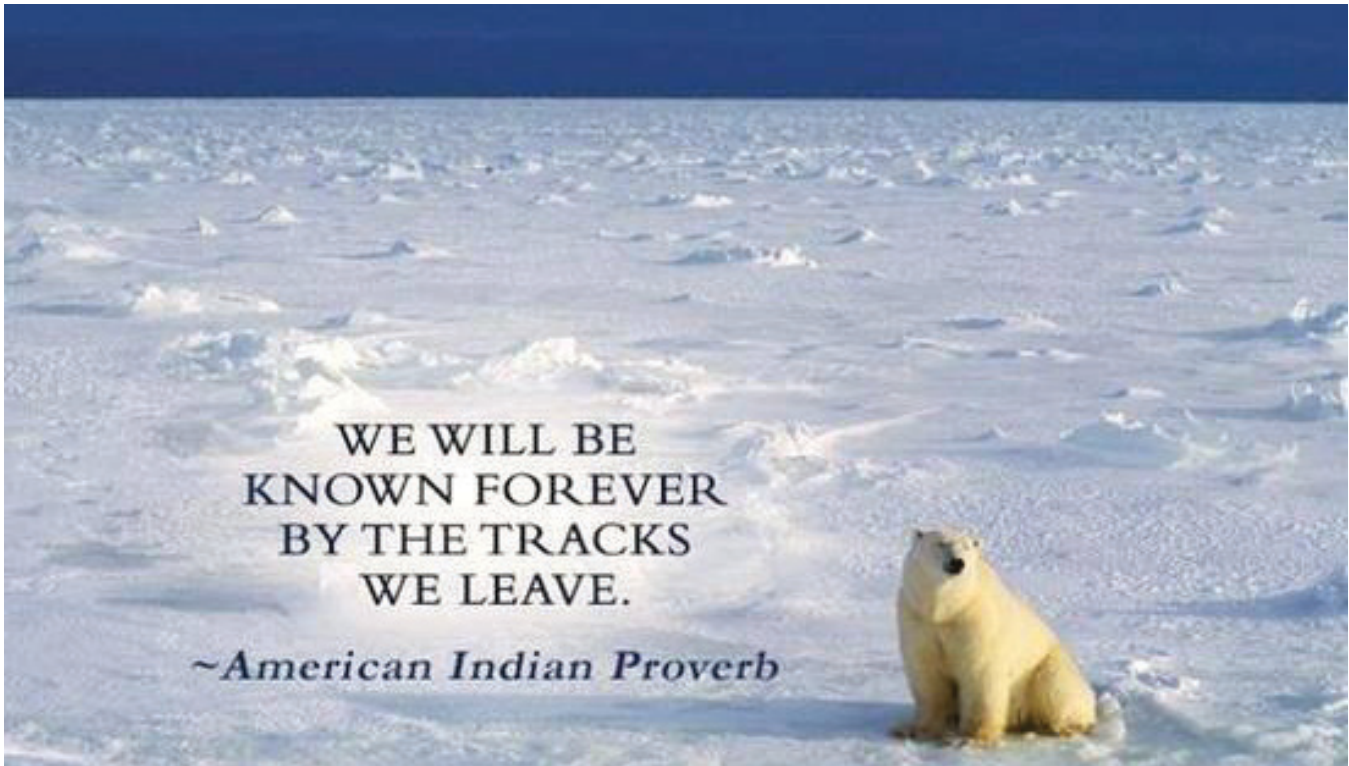
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CALENDAR

December 2017

12/6	MLA Delegates Meeting	Son of Italy Hall Quincy, MA	7:00 pm
12/25	Merry Christmas	MLA and FISH offices are closed	

January 2018

1/1	New Years Day	MLA and FISH offices are closed	
1/15	Martin Luther King Day	MLA and FISH offices are closed	
1/18-21	MLA Annual Weekend Trade Show (18th is vendor set up day)	Resort and Conference Center @ Hyannis for more information Visit www.lobstermen.com	
1/20	MLA Membership meeting will be held during the trade show. Time to be determined		
1/22	Annual Weekend re-grouping	MLA and FISH offices are closed	
1/28	If you see Nanacy Reid...	wish her a Happy Birthday!	

February 2018

2/17	If you see Beth...	wish her a Happy Birthday!	7:00 pm
2/19	President's Day	MLA and FISH offices are closed	

No Delegates meeting in February

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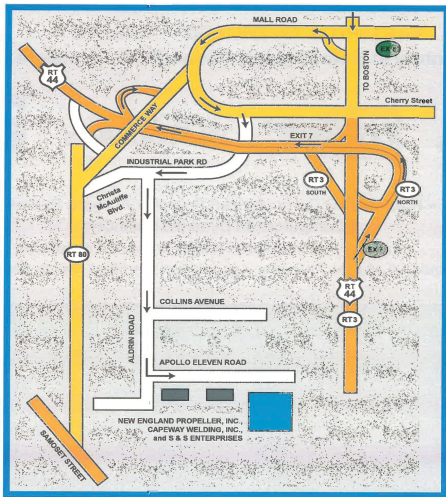
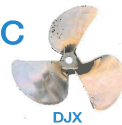
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BETH'S BLOG...

Arrivederci 2017! First and foremost I want to say **"THANK YOU"** to all of *you* and your well wishes as I was recovering from a medical procedure in November. 2017 has been a trying year to say the least and I am sure glad to say goodbye to it and on a high note to boot.

Every year at this time, I am still amazed at how swiftly time flies and you know what they say "Time flies when you are having fun", let the fun begin! After the year of issues and meeting we are ready for some much needed fun! December through January is the fun time of the year for the MLA as we gear up for your Annual Weekend and Trade Show, January 19-21, 2018 at the Resort and Conference Center at Hyannis, MA. This Show is for you and we are excited to bring you numerous new vendors, an assortment of industry related seminars and best of all great company! Are you ready for some fun?

While the majority of 2017 was filled with various industry related issues from the potential lobster ban in Europe, the National Monuments, coral/habitat, lobster bait, whales, lobster stocks, trawl surveys, and the countless other industry related meetings from Canada to Charleston, SC. covering everything from the USCG Alt. Safety Compliance regulations, shell disease, offshore wind, ocean acidification, submersible cable (hydro & wind from ME / CA), stock assessments, whales, herring, PFDs and many more, I am pleased to let you know that you were represented at the table by the MLA. These meetings were covered by scores of MLA members and I, all working to keep you on the water fishing and I would like to say "THANK YOU" to everyone who has helped to ensure the MLAs participation at these industry meetings and events.

Furthermore, these meetings don't include the day to day and month to month business of running the MLA and the monthly/quarterly MLA Delegate and Board meetings which add yet another 12 or so for some. The MLA Executive Committee and Delegates are dedicated to the commercial lobster industry and to ensure the MLA continues being one of the leading Commercial Fishing Associations in New England. Thank you to all of you who continue to step up and participate.

Regardless of the exceptionally busy schedule the MLA has kept we have also been working on the Annual Weekend and Trade Show over the past several months and are now ramping up our efforts to bring you the best show. The Annual Weekend Committee is working on bringing you a full slate of seminars some of which you can read about in this newspaper and others will be forth coming in the January issue. While the Committee continues to work on the event the MLA office staff is busy dotting I's and crossing T's on the details of the event to ensure yet another successful one.

If you have never spent the weekend during the Annual Weekend you are missing out on a lot of FUN! The nights are full of camaraderie and lots of laughs. On Friday night we have a great comedian who will be sure to make your sides hurt from laughing. Saturday night is equally fun with the MLA's Annual Awards banquet attended by over 200 people which is followed by the MLA's Casino Royale. This is a time to throw the dice at the Craps table and let the cards fall where they may at the Black Jack tables. If you are sitting at Bill Doherty or Peter Frederickson's table you best bring extra chips because they are sure to take themALL!



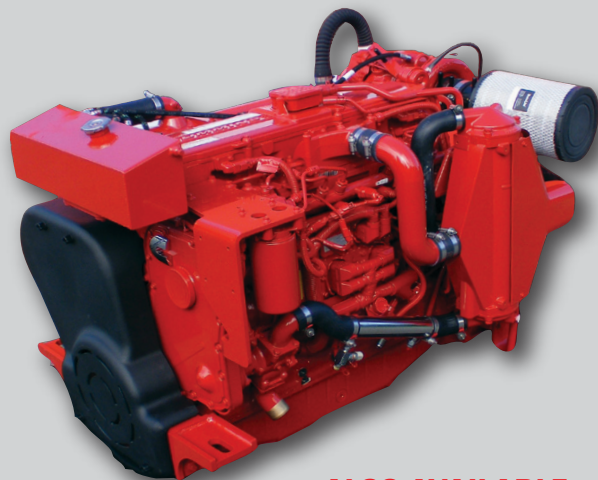
I don't know about you, but after thinking back on 2017 and how busy we all have been I know I sure could use some fun and the MLA Annual Weekend & Trade Show is just the place. If you need reservation forms please visit www.lobstermen.com and click on the Annual Weekend page or call 781-545-6984 and speak to Tracey. Hey, it's January on Cape Cod and I can assure you it will be a cold & snowy weekend. J

Why not come down and join in the fun?! Do not delay any longer – book your room today! See you there!

As always safe fishing,
Beth Casoni
 Executive Director

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New England, Mid-Atlantic States Lead Nation

in Volume and Value of Several Key Fisheries

NOAA Fisheries has released the Fisheries of the U.S. 2016 report, and once again New Bedford, Mass. was the leading U.S. port by value and American lobsters were the nation's most valuable landed species.

Alaska led all states in the value and volume of commercial landings, with 5.6 billion pounds valued at \$1.6 billion. Maine and Massachusetts ranked second and third in the value of landings at \$633.6 million and \$552.1 million, respectively.

American lobsters were the nation's top-valued species landed, with crabs second and scallops third. Alaska pollock ranked first in volume of landings, followed by menhaden and Pacific cod.

For the 17th consecutive year, New Bedford was the top U.S. port in value of commercial fishery landings in 2016 at \$327 million, an increase in \$5 million from 2015. The port ranked 11th in the nation in volume with 107 million pounds landed, with sea scallops accounting for 77 percent of that total. Massachusetts, with nearly 22.9 million pounds of meats and New Jersey, with 10.5 million pounds of meats, were the leading states for sea scallop landings, representing 82 percent of the national total. The ex-vessel price per pound in 2016 was \$12.00, compared with \$12.27 in 2015.

For the 20th consecutive year, Dutch Harbor, Alaska was the top U.S. port by volume of commercial landings at 770 million pounds and second in value at \$198 million. Walleye or Alaska pollock accounted for 89 percent of that volume. Five of the top ten U.S. ports by volume and six of the top ten ports by value were in Alaska. Reedville, VA ranked fifth in the U.S. by volume and Cape May-Wildwood, NJ ranked ninth by value of landings.

Maine and Massachusetts produced more than 94 percent of the total national landings for American lobster in 2016, each showing an increase of 8 percent by volume over 2015. For the 35th consecutive year, Maine led the nation in American lobster landings, with 132 million pounds valued at nearly \$537.9 million. Massachusetts ranked second with 17.7 million pounds valued at \$82 million. The average ex-vessel price per pound was \$4.20 in 2016, compared to \$4.23 in 2015.

For squid fisheries, Rhode Island ranked second in the

nation with almost 22.5 million pounds, or 16 percent of the total landings. California was the leader with nearly 81.8 million pounds or 58 percent of the national total. As a region, the Pacific coast landed the most squid, but second-place New England landings were up 66 percent to 39.2 million pounds and the Mid-Atlantic region, in third place, saw landings increase 94 percent to more than 15.5 million pounds. The average ex-vessel price per pound for squid was 69 cents in 2016 compared to 49 cents in 2015.

Massachusetts was the leading state for surf clam landings with 19.8 million pounds, followed by New Jersey with more than 16.5 million and New York with nearly 3.7 million pounds. New Jersey, with 18.1 million pounds, and Massachusetts with 12.2 million pounds were also leaders in the ocean quahog fishery, accounting for 99 percent of the total production in 2016. The Mid-Atlantic region led in the hard clam fishery, with 6.2 million pounds of the 8.7 million national total. Maine was the leading state with 1.6 million pounds of soft clam meats out of a national total of 2.5 million pounds of meats, followed by Massachusetts and Maryland.

The report also noted that saltwater recreational fishing remains popular and an important contributor to the national economy, with 9.6 million anglers making nearly 63 million fishing trips to catch more than 371 million fish, 61 percent of which are estimated to be released alive. Eighty-eight percent of those fish were caught in estuaries or state waters, with saltwater recreational fishermen contributing \$36 billion to the economy. Striped bass was the top species by weight, followed by dolphin and bluefish.

Other findings: The average American ate 14.9 pounds of fish and shellfish in 2016, a decrease from 15.5 pounds the year before. Seventy-five percent of the domestic landings were used for fresh or frozen human food, and 19 percent for meal and oil. and Atlantic salmon was the leading species for marine finfish aquaculture at 47.5 million pounds produced, with oysters the highest volume for marine shellfish production at 35.2 million pounds.



Fisheries of the United States has been produced annually for more than 100 years. It provides a snapshot of data on U.S. recreational catch and commercial landings and value as well as information on U.S. aquaculture production, seafood processing industry, imports and exports of fishery-related products, and the domestic supply and per capita consumption of fishery products. *November 1, 2017-Contact: Shelley Dawicki https://www.nefsc.noaa.gov/press_release/pr2017/news/nr1715*

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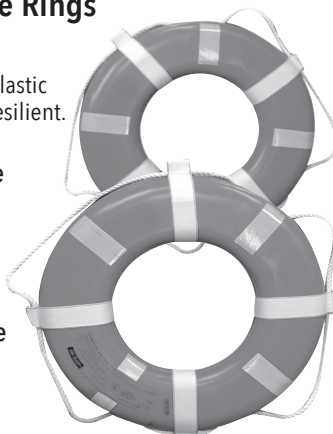
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GME-MT403FF
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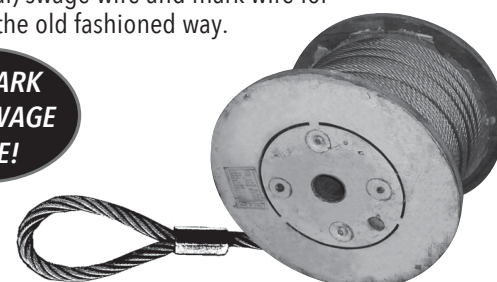
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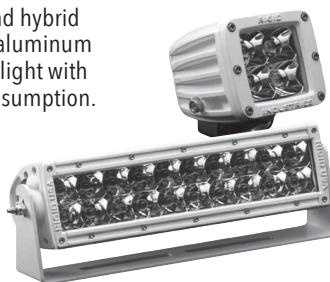
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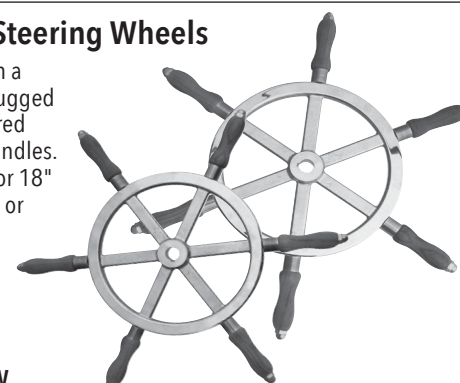


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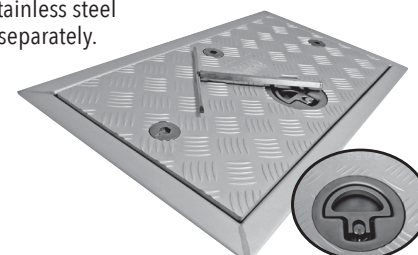


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Reg 18.99
HTV-179873
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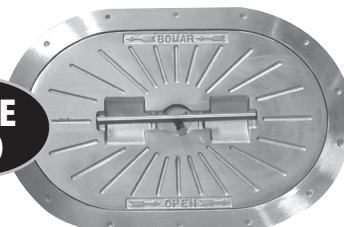
Flush, watertight, 4-dog system, opens from the outside only.

15" x 24"

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Reg 599.99
BOM-C41524-0
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**SAVE
\$70**

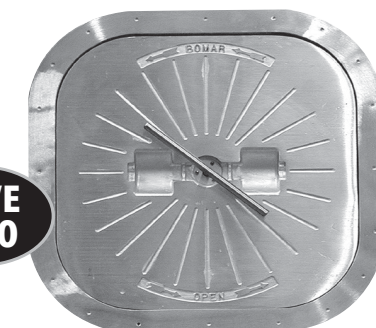


24" x 24"

\$899⁹⁹

Reg 999.99
BOM-C42424
Order# 104619

**SAVE
\$100**



Typographical errors are unintentional and subject to correction.

FOUND A TAGGED JONAH CRAB?

If you find a crab with a green t-bar tag and/or orange knuckle tag marked with "AOLA" please contact: Heidi Henninger at (774) 251-9454 or heidi@offshorelobster.org



Massachusetts's Division of Marine Fisheries, in collaboration with the Atlantic Offshore Lobstermen's Association, is tagging Jonah crabs to investigate migration patterns and growth. Information will be used for Jonah crab stock assessment.

WHAT TO REPORT: **date, location, tag #, crab sex, egg status** and whether you **kept or released** the animal. For green tags only, if you have a way to measure **carapace width** in millimeters, we would appreciate that information as well.

REWARDS: Every tag report will qualify as one raffle entry. Rewards will be drawn July 1, 2017 and July 1, 2018: 1st place - \$500, 2nd place - \$300, 3rd place \$200.

Green tag reports with width measurement will be additionally entered into high value cash raffles drawn July 1, 2017 and 2018: 1st place - \$1,000, 2nd place \$500

If you haul a tagged crab, please release it and contact

(774) 251-9454 or heidi@offshorelobster.org



FOUND A TAGGED LOBSTER?

*If you find a lobster with a yellow t-bar tag marked with "AOLA" please contact:
Heidi Henninger at (774) 251-9454 or heidi@offshorelobster.org*



The Atlantic Offshore Lobstermen's Association (AOLA) is working with New Hampshire Fish and Game and Maine Department of Marine Resources to tag lobsters in the Gulf of Maine and on Georges Bank in 2017 and 2018, in order to track migration and investigate growth.

WHAT TO REPORT: date, location, tag #, whether the lobster had **eggs** or **v-notch**, and whether it was **kept** or **released**.

Carapace Length: We are testing a software system that can accurately measure size from photographs. Please take a photo of the lobster next to a gauge and text this to 774-251-9454 along with the measured carapace length.

REWARDS: Every tag report qualifies as one raffle entry. Rewards will be drawn in July and December, 2018 & 2019. Reports with accurate length reports and/or photos will be entered into higher value raffles. \$8,000 in rewards will be distributed.

*If you haul a tagged lobster, please release it and contact:
774-251-9454 or heidi@offshorelobster.org*

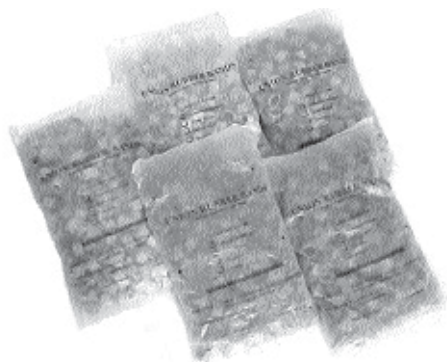




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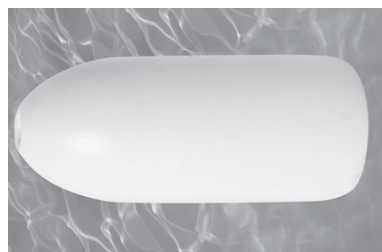
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Brant Rock, MA
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Stonington, ME
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Atlantic States Marine Fisheries Commission

NEWS RELEASE

Vision: Sustainably Managing Atlantic Coastal Fisheries

FOR IMMEDIATE RELEASE
November 30, 2017

PRESS CONTACT: Tina Berger
703.842.0740

Moratorium on Northern Shrimp Commercial Fishing Maintained for 2018 Season

Portland, ME – In response to the depleted condition of the northern shrimp resource, the Atlantic States Marine Fisheries Commission's Northern Shrimp Section extended the moratorium on commercial fishing for the 2018 fishing season. The Section also approved a 13.3 metric ton (mt) research set aside (RSA) and tasked the Technical Committee to develop the RSA program design and report back to the Section for final approval by December 14.

Industry members continued to express concern about the economic impacts of the fishery closure, especially in light of a lack of positive signals in terms of stock rebuilding. Based on these concerns, the Section agreed to include in future discussions the possibility of opening a directed fishery if improvements in stock condition (e.g., strong recruitment or biomass indices) are not realized.

The 2017 Stock Status Report for Gulf of Maine (GOM) Northern Shrimp indicates abundance and biomass indices for 2012–2017 are the lowest on record of the 34 year time series, with 2017 being the lowest observed. Recruitment since 2011 has been poor and includes the four smallest year classes on record. The recruitment index in 2017 (2016 year class) was the second lowest observed. Current harvestable biomass is mainly comprised of females from the weak 2013 year class and some small, early-maturing females from the below-average 2015 year class.

Recruitment of northern shrimp is related to both spawning biomass and ocean temperatures, with higher spawning biomass and colder temperatures producing stronger recruitment. Ocean temperatures in western Gulf of Maine shrimp habitat have increased over the past decade and reached unprecedented highs within the past several years. While 2014 and 2015 temperatures were cooler, 2016 and 2017 temperatures were again high, and temperature is predicted to continue rising as a result of climate change. This suggests an increasingly inhospitable environment for northern shrimp and the need for strong conservation efforts to help restore and maintain the stock. The Northern Shrimp Technical Committee considers the stock to be in poor condition with limited prospects for the near future. The 2017 Stock Status Report is available at

http://www.asmfc.org/uploads/file/5a1deb972017NorthernShrimpAssessment_Final.pdf.

For more information, please contact Max Appelman, Fishery Management Plan Coordinator, at mappelman@asmfc.org or 703.842.0740.

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PR17-57

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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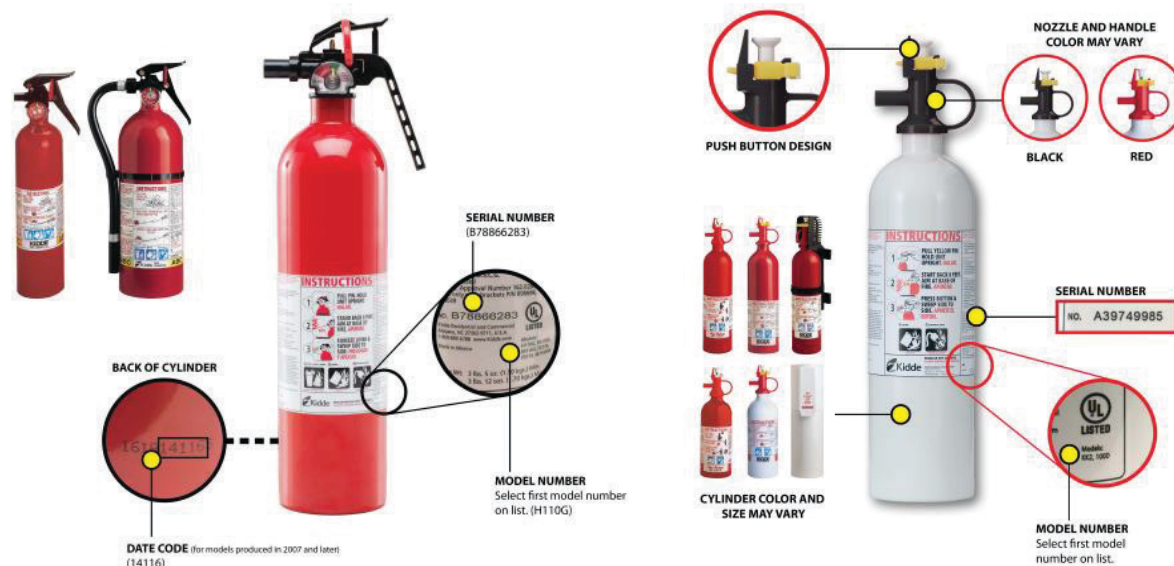


United States
CONSUMER PRODUCT SAFETY COMMISSION

FOR YOUR SAFETY

DECEMBER 2017

Kidde Recalls Fire Extinguishers with Plastic Handles Due to Failure to Discharge and Nozzle Detachment: One Death Reported



Recall Summary

Name of product:

Kidde fire extinguishers with plastic handles

Hazard:

The fire extinguishers can become clogged or require excessive force to discharge and can fail to activate during a fire emergency. In addition, the nozzle can detach with enough force to pose an impact hazard.

Remedy:

Replace

Recall date:

November 2, 2017

Recall number:

18-022

Consumer Contact:

Kidde toll-free at 855-271-0773 from 8:30 a.m. to 5 p.m. ET Monday through Friday, 9 a.m. to 3 p.m. ET Saturday and Sunday, or online at www.kidde.com and click on “Product Safety Recall” for more information.

Recall Details

In Conjunction With:



Description:

This recall involves two styles of Kidde fire extinguishers: plastic handle fire extinguishers and push-button Pindicator fire extinguishers.

Plastic handle fire extinguishers: The recall involves 134 models of Kidde fire extinguishers manufactured between January 1, 1973 and August 15, 2017, including models that were previously recalled in March 2009 and February 2015. The extinguishers were sold in red, white and silver, and are either ABC- or BC-rated. The model number is printed on the fire extinguisher label. For units produced in 2007 and beyond, the date of manufacture is a 10-digit date code printed on the side of the cylinder, near the bottom. Digits five through nine represent the day and year of manufacture in DDDYY format. Date codes for recalled models manufactured from January 2, 2012 through August 15, 2017 are 00212 through 22717. For units produced before 2007, a date code is not printed on the fire extinguisher.

Plastic-handle models produced between January 1, 1973 and October 25, 2015		
2A40BC	Gillette TPS-1 1A10BC	Sams SM 340
6 RAP	Home 10BC	Sanford 1A10BC
6 TAP	Home 1A10BC	Sanford 2A40BC
Ademco 720 1A10BC	Home 2A40BC	Sanford TPS-1 1A10BC
Ademco 722 2A40BC	Home H-10 10BC	Sanford TPS-1 2A40BC
ADT 3A40BC	Home H-110 1A10BC	Sears 2RPS 5BC
All Purpose 2A40BC	Home H-240 2A-40BC	Sears 58033 10BC
Bicentennial RPS-2 10BC	Honeywell 1A10BC	Sears 58043 1A10BC
Bicentennial TPS-2 1A-10BC	Honeywell TPS-1 1A10BC	Sears 5805 2A40BC
Costco 340	J.L. 2A40BC	Sears 958034
FA 340HD	J.L. TPS-1 2A40BC	Sears 958044
FA240HD	Kadet 2RPS-1 5BC	Sears 958054
FC 340Z	Kidde 10BC	Sears 958075
FC Super	Kidde 1A10BC	Sears RPS-1 10BC
FC210R-C8S	Kidde 2A40BC	Sears TPS-1 1A10BC
Fire Away 10BC Spanish	Kidde 40BC	Sears TPS-1 2A40BC
Fire Away 1A10BC Spanish	Kidde RPS-1 10BC	Traveler 10BC
Fire Away 2A40BC Spanish	Kidde RPS-1 40BC	Traveler 1A10BC
Fireaway 10 (F-10)	Kidde TPS-1 1A10BC	Traveler 2A40BC
Fireaway 10BC	Kidde TPS-1 2A40BC	Traveler T-10 10BC
Fireaway 110 (F-110)	KX 2-1/2 TCZ	Traveler T-110 1A10BC
Fireaway 1A10BC	Mariner 10BC	Traveler T-240 2A40BC
Fireaway 240 (F-240)	Mariner 1A10BC	Volunteer 1A10BC

FOR YOUR SAFETY

Fireaway 2A40BC	Mariner 2A40BC	Volunteer TPS-V 1A10BC
Force 9 2A40BC	Mariner M-10 10BC	XL 2.5 TCZ
FS 340Z	Mariner M-110 1A10BC	XL 2.5 TCZ-3
Fuller 420 1A10BC	Mariner M-240 2A40BC	XL 2.5 TCZ-4
Fuller Brush 420 1A10BC	Master Protection 2A40BC	XL 2.75 RZ
FX210	Montgomery Ward 10BC	XL 2.75 RZ-3
FX210R	Montgomery Ward 1A-10BC	XL 2-3/4 RZ
FX210W	Montgomery Ward 8627 1A10BC	XL 340HD
FX340GW	Montgomery Ward 8637 10BC	XL 4 TXZ
FX340GW-2	Quell 10BC	XL 5 PK
FX340H	Quell 1A10BC	XL 5 TCZ
FX340SC	Quell RPS-1 10BC	XL 5 TCZ-1
FX340SC-2	Quell TPS-1 1A10BC	XL5 MR
Gillette 1A10BC	Quell ZRPS 5BC	XL 6 RZ

Plastic-handle models with date codes between January 2, 2012 and August 15, 2017		
AUTO FX5 II-1	FC5	M10G
FA10G	FS10	M10GM
FA10T	FS110	M110G
FA110G	FS5	M110GM
FA5-1	FX10K	M5G
FA5G	FX5 II	M5GM
FC10	H110G	RESSP
FC110	H5G	

Push-button Pindicator fire extinguishers: The recall involves eight models of Kidde Pindicator fire extinguishers manufactured between August 11, 1995 and September 22, 2017. The no-gauge push-button extinguishers were sold in red and white, and with a red or black nozzle. These models were sold primarily for kitchen and personal watercraft applications.

Push Button Pindicator Models manufactured between August 11, 1995 and September 22, 2017	
KK2	M5PM
100D	AUTO 5FX
210D	AUTO 5FX-1
M5P	FF 210D-1

Remedy:

Consumers should immediately contact Kidde to request a free replacement fire extinguisher and for instructions on returning the recalled unit, as it may not work properly in a fire emergency.

11/28/2017 Kidde Recalls Fire Extinguishers with Plastic Handles Due to Failure to Discharge and Nozzle Detachment: One Death Reported | CPSC.gov

Note: This recall includes fire extinguisher models that were previously recalled in March 2009 and February 2015. Kidde branded fire extinguishers included in these previously announced recalls should also be replaced. All affected model numbers are listed in the charts above.

Recall information for fire extinguishers used in RVs and motor vehicles can be found on NHTSA's website.

Incidents/Injuries:

The firm is aware of a 2014 death involving a car fire following a crash. Emergency responders could not get the recalled Kidde fire extinguishers to work. There have been approximately 391 reports of failed or limited activation or nozzle detachment, including the fatality, approximately 16 injuries, including smoke inhalation and minor burns, and approximately 91 reports of property damage.

Sold At:

Menards, Montgomery Ward, Sears, The Home Depot, Walmart and other department, home and hardware stores nationwide, and online at Amazon.com, ShopKidde.com and other online retailers for between \$12 and \$50 and for about \$200 for model XL 5MR. These fire extinguishers were also sold with commercial trucks, recreational vehicles, personal watercraft and boats.

Importer(s):

Walter Kidde Portable Equipment Company Inc., of Mebane, N.C.

Manufactured In:

United States and Mexico

Units:

About 37.8 million (in addition, 2.7 million in Canada)

FOR SALE!

2017 CUSTOM RETAIL FISH MARKET TRAILER

7' x 18' box plus 2' "V" nose, tandem axle with electric brakes
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50 AMP. 240 VAC AND 120 VAC 20 AMP. ELECTRIC SYSTEMS PROFESSIONALLY INSTALLED TO CODES; WITH GENERATOR/S AND LAND CONNECTIONS.

3.5' X 4.5' WALK IN COOLER WITH A 4600 BTU HEATCRAFT PRO 3 COOLER SYSTEM, NEW 2016.

EXHAUST FANS AND LIGHTING SYSTEMS

TWO; TOR RAY COUNTER TOP DELI PRICE SCALES

TRAILER HAS EPOXY FLOOR SYSTEM, PROFESSIONALLY PAINTED INTERIOR AND INSULATED WALLS & CEILING.

32" X 15" CHECK OUT COUNTER, STAINLESS STEEL, NEW 2016.

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The NOAA FISHERIES NAVIGATOR

Wanted: Volunteers for the New Codend Compliance Assistance Pilot Program

As fishermen know, mesh can shrink, or “harden”, after typical commercial fishing use. “It’s just the nature of the material we use to build twine,” said Terry Alexander, a commercial fisherman, New England Fishery Management Council (Council) member, and Chair of its Enforcement Committee. For fishermen fishing under regulated mesh sizes, shrinking can lead to enforcement issues. So the Council’s Enforcement Committee developed the Codend Compliance Assistance Program (CAP) with input from fishing industry members, NOAA Fisheries, U.S. Coast Guard and other partners. This pilot program will document the mesh sizes of codends at the time of purchase and compare them with mesh sizes after the nets are used.

How the Program Works

The pilot phase includes only 5-1/2”, 6”, and 6-1/2” mesh codends. Initially, we are looking for groundfish captain volunteers. The program may expand to other fisheries in the future.

Participating fishermen must purchase codend mesh from a participating dealer who has a tag imprinter.

The dealer affixes two stainless steel, tamper-proof tags onto the codend. The first tag is stamped with the date of purchase and the mesh size at time of sale. The second tag shows the invoice number on the bill of sale.

Participating fisherman carry an invoice from the dealer onboard his/her vessel with the same information to present to boarding officers.

When boarding officers encounter nets that are part of the Codend CAP, they will record the information on the steel tags along with other standard measurements. This information will be added to a larger data set to determine whether shrinkage has occurred and at what rate. NOAA Fisheries OLE, U.S. Coast Guard, and the Council’s Enforcement Committee will work together to analyze results.

Participation in this program does not give fishermen permission to fish with undersized mesh.

If enforcement officers find undersized mesh during an inspection, participation in the program will be noted, the collection of the standard measurements and tag information will be recorded, and the codend will need to be brought into compliance. Although participation in the program does show a good faith effort to fish in compliance with the law, it is still possible to receive a fine while participating in the program if your codend measures short. Enforcement officers will handle each boarding on a case-by-case basis and use their discretion to handle mesh size violations while taking into consideration all the circumstances of the boarding and inspection. “This is not a free ticket to tow illegal mesh,” Terry Alexander emphasized. “But if you’re participating in the program and you



Terry Alexander photo

Measuring mesh.

get boarded, it sends a signal that you’re a responsible harvester and are trying to fish legally.”

Participating Dealers

Reidar’s Manufacturing Inc. in New Bedford, MA and Levin Marine Supply Co. in Fairhaven, MA are the first manufacturers to join the Codend CAP. Both gear shops have a BAND-IT® tag imprinter at their facility and are actively tagging codends. More dealers will be available as they sign on to the program.

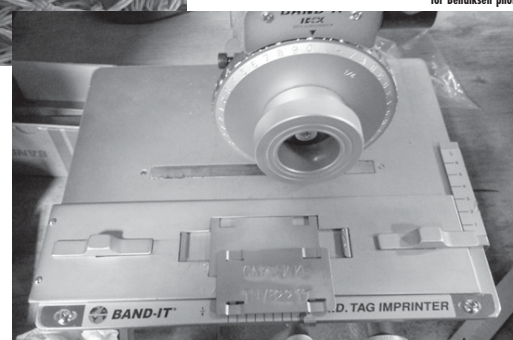
“Now that we’ve launched the pilot program, we’re hoping other net manufacturers will come onboard and participate as well,” said Alexander.

Next Steps

The Council’s Enforcement Committee will monitor the CAP’s progress to determine how long the pilot program should run. One potential result could be a program that certifies codends for a defined period of time, such as six or twelve months from the date of purchase.



Tor Bendiksen photos



An imprinter stamps two stainless steel bands per codend – one with the purchase date and certified mesh size at the time of sale; and the other with the invoice number.

Volunteer

To participate in the codend CAP, contact Lou Goodreau, New England Fishery Management Council, at (978) 465-0492 ext. 115 or email him at lgoodreau@nefmc.org.

Groundfish Operational Assessments Completed

In mid-September, the Northeast Fisheries Science Center wrapped up the 2017 operational stock assessments for groundfish stocks managed under the Northeast Multispecies Management Plan.

A peer review panel met with stock assessment scientists from the Northeast Fisheries Science Center from September 11 through 15 to review and evaluate both the process and results of the assessments. This was the final step before the assessments are presented to NOAA Fisheries for a final status determination and before they become available for use in making management decisions, including quota setting.

Operational assessments use the existing accepted assessment model and add data collected since the last assessment. There is opportunity to make limited changes in a model or approach if agreed to ahead of time by an oversight panel.

The oversight panel met in July to approve the assessment plans for each stock. The panel agreed that a new catchability estimate could be used for flatfish stocks that rely on federal bottom trawl survey indices. That estimate resulted from work conducted on the F/V *Karen Elizabeth* through the Northeast Trawl Advisory Panel in 2015 and 2016.

New data added during the 2017 operational assessments included those from the federal and state bottom trawl surveys, commercial and recreational fishery landings and discards, and Canadian catch at age data for 2015 and 2016.

For more on the 2017 NEFSC groundfish operational assessments, visit us here:

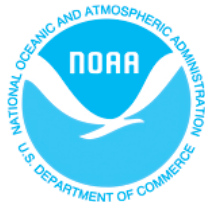
<https://www.nefsc.noaa.gov/groundfish/operational-assessments-2017/> or contact Ariele Baker, NEFSC, at 508-495-4741 or email her at Arielle.Baker@noaa.gov

THIS SUPPLEMENT PROVIDED BY NOAA FISHERIES SERVICE'S GREATER ATLANTIC REGIONAL OFFICE

Olivia Rugo • Managing Editor • 978-675-2167 • olivia.rugo@noaa.gov

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COMMERCIAL FISHERIES NEWS • SPECIAL SUPPLEMENT • NOVEMBER 2017 • 1



The NOAA FISHERIES NAVIGATOR

Drifters Used to Understand Harmful Algal Blooms in the Gulf of Maine

Every few weeks from late May through July, two ocean drifters, one on the surface and one deeper, were released from a ferry north of Canada's Grand Manan Island, the largest island in the Bay of Fundy and close to the Maine border. These drifters are being tracked to monitor the flow of water in and out of the bay to provide insight into harmful algal blooms in the Gulf of Maine.

Harmful algal blooms, or HABs, are caused by marine plankton that carry toxins harmful to people and other animals. Several types of plankton that can cause HABs have been documented in the Gulf of Maine. The most common is the dinoflagellate species *Alexandrium fundyense* that produces a toxin that can cause outbreaks of paralytic shellfish poisoning (PSP). Shellfish feeding on the plankton can concentrate the toxin in their flesh, and if people or animals eat affected shellfish, they can get sick or even die if concentrations of the poison are sufficient. Social and economic impacts occur each year from the blooms. Shellfish beds are closed to protect human health, resulting in millions of dollars in losses.

The goal of the drifter project is to better understand the role of the Bay of Fundy gyre, a large system of circular currents formed by variations in tide, temperature, and salinity, in regulating *Alexandrium fundyense* blooms in the region. Cysts, the resting stages of this organism, are abundant in the sediments underlying the gyre. When conditions are right, the cysts germinate and swim upward into well-lit surface waters, where the gyre retains them and they grow and mature. However, the gyre has "leaks" that send water out into the Gulf of Maine coastal currents, potentially transporting the *Alexandrium fundyense* cells to the south and west along the coast of Maine. A key goal of the research is to quantify the "leakiness" of the gyre and its impact on year-to-year variability of PSP along the coast of eastern Maine.



NOAA Fisheries/Heather Haas NEFSC photo

Researchers at the Woods Hole Laboratory of NOAA's Northeast Fisheries Science Center (NEFSC) deployed the drifters for a two-year joint project with the Woods Hole Oceanographic Institution (WHOI) as part of its NOAA-funded *Ecology and Oceanography of Harmful Algal Blooms* research program. Models developed to forecast the annual severity of these blooms and to provide weekly forecasts of bloom location and magnitude are becoming operational and will be refined using data collected from a variety of instruments, including our drifters.

Information from the drifters, often built by students using environmentally friendly materials and at low cost, helps oceanographers ground-truth ocean circulation models and helps scientists answer specific research questions, as in this case on HABs.

Colleagues at the Gulf of Maine Lobster Foundation in Kennebunk, Maine and the University of New Brunswick in Canada have helped to prepare and deploy

the drifters. The deeper drifter, called a holey sock drogue, is a circular hollow tube with holes along the sides and weighted to sink ten meters (roughly 33 feet) deep. The surface drifter, sailcloth panels in a cross pattern attached to an aluminum frame, has a satellite transmitter on top of the mast. With just a small part of the mast above the water, it drifts with the surface currents, relaying its position back to a lab at the NEFSC.

Vincent Sheperd, the captain of the ferry boat *Grand Manan Adventurer*, has been very helpful with deployments, recoveries, and redeployments. On September 17, he recovered a drifter in his harbor that he first helped deploy back in May. This drifter traveled more than 5,000 kilometers (just over 3,000 miles) around the Gulf of Maine, to the Northeast Channel, and back to within a few kilometers of where it was first deployed. Similarly, Joe Finnegan and friends on Campobello Island have helped recover and return four different drifters that washed ashore there. Another drifter recovered by a Swan's Island, Maine lobsterman ended up on display on the first day of school at the local elementary school and is being returned for reuse next year. It is citizen science collaborations like these that help the project thrive.

The information collected will help determine if there is indeed a "leak" in the gyre that is sending water into the Gulf of Maine, and along the Maine coast. That data will help refine the circulation models for the Gulf of Maine and the models for forecasting HAB blooms, which in turn helps shellfish harvesters and seafood dealers plan and prepare for blooms. Coastal shellfish resources are monitored regularly by state agencies to avoid harvesting of contaminated shellfish.

You can see the tracks and an animation of the tracks. For further information, contact Jim Manning at the Northeast Fisheries Science Center at 508-495-4727 or email him at james.manning@noaa.gov.

What Fishermen Need to Know about Critical Habitat for Atlantic Sturgeon

On August 17, NOAA Fisheries designated critical habitat for the Gulf of Maine, New York Bight, Chesapeake Bay, Carolina, and South Atlantic Distinct Population Segments (DPSs) of Atlantic Sturgeon. All of the critical habitat areas occur in tidally-affected riverine waters of a coastal estuary. No marine waters are designated as critical habitat for the Atlantic sturgeon DPSs.

Each critical habitat area extends from the mouth of the named river and upstream to a dam that sturgeon cannot pass, or to the historical upstream limit of Atlantic sturgeon in that river. For the Gulf of Maine DPS of Atlantic sturgeon, critical habitat occurs in the Penobscot, Kennebec, Androscoggin, Piscataqua, Cocheco, Salmon Falls, and Merrimack rivers. For the New York Bight DPS, the critical habitat occurs in the Connecticut, Housatonic, Hudson, and Delaware rivers.

Critical habitat for the Chesapeake Bay DPS occurs in the Potomac, Rappahannock, York, Pamunkey, Mattaponi, James, and Nanticoke rivers, and Marshyhope Creek. Maps are available in the final rule for these critical habitat areas and for the critical habitat areas in rivers from North Carolina to Florida, and on Greater Atlantic Regional Fisheries Office's website (see below).

What does designating critical habitat for Atlantic sturgeon do?

It ensures that federal agencies, in carrying out their duties, will not destroy or adversely modify the habitat that is essential for Atlantic sturgeon reproduction. Increasing the abundance of Atlantic sturgeon is necessary for their recovery, and for removing each DPS from the Endangered Species Act's lists of endangered and threatened species.

Misconceptions and Questions About Critical Habitat

There are some common misconceptions about critical habitat. Critical habitat designations do not create refuges or preserves where activities cannot occur. Most activities will continue to occur as they did before we designated Atlantic sturgeon critical habitat. Critical habitat designations only result in restrictions on human activities in situations where a federal agency is funding, permitting, or carrying out an activity that would destroy or adversely modify the critical habitat. In those cases, NOAA Fisheries provides guidance through the Endangered Species Act section 7 consultation process as to how the action can be carried out, authorized, or

Continued on next page

Considering Measures to Increase Flexibility in Individual Bluefin Quota Accounting Requirements

We are considering changes that would increase flexibility and modify accounting requirements for pelagic longline vessels fishing with Individual Bluefin Quotas (IBQs). The measures under review would allow vessels to fish with a low IBQ balance or with quota debt during a calendar quarter. These measures could replace current regulations that require vessels to have a minimum quota balance before beginning each fishing trip.

In 2015, Amendment 7 to the 2006 Consolidated Highly Migratory Species Fishery Management Plan implemented IBQs for pelagic longline vessels. This measure intended to reduce incidental landings and dead discards of bluefin tuna by the pelagic longline vessel fleet. Pelagic longline vessels incidentally catch bluefin tuna while targeting other species, primarily swordfish and yellowfin tuna. The IBQ Program is a catch share program that provides an annual allocation of bluefin tuna bycatch to each active pelagic longline vessel. IBQ participants can lease additional quota allocation to cover landings or discards of bluefin tuna.

After several years of operating the IBQ Program, we are considering adjustments to increase flexibility and further optimize fishing opportunities for pelagic longline vessels targeting swordfish, yellowfin tuna, and other species. The IBQ Program and other measures in Amendment 7 have successfully reduced dead discards



NOAA photo

of bluefin tuna for the fleet from an average of 159.6 metric tons (mt) (2006 through 2014) to 17.1 mt and 22.6 mt for 2015 and 2016, respectively. However, since implementation, pelagic longline fishery participants have consistently requested additional flexibility due to the constraints and costs associated with the accounting and leasing requirements of the IBQ Program, which affects profitability and causes uncertainty in a vessel owner's short-term and long-term plans.

Vessel owners say that their ability to account for bluefin tuna mortality using allocated IBQ, or IBQ leased at an affordable price, is key to the success of the IBQ Program. Currently, a vessel must have a minimum

amount of IBQ before it can leave on a fishing trip. A vessel that has below the minimum may have limited time to locate available allocation and negotiate an acceptable price. Recently, longline fishery participants requested more flexibility regarding timing requirements for vessel owners to lease the IBQ needed to cover bluefin catch.

During the May 2017 Highly Migratory Species Advisory Panel Meeting, pelagic longline vessel owners acknowledged the effectiveness of our actions in support of the IBQ Program objectives, but reiterated the need for additional flexibility and suggested high priority regulatory changes to achieve such flexibility. One such request is the basis of the action under consideration -- to allow more time for vessel owners to resolve quota debt and achieve a minimum balance of IBQ, rather than requiring vessels to have a minimum balance of IBQ as a prerequisite of every longline trip. In light of past fishery dynamics under the IBQ Program and public input regarding the need for additional flexibility, we are considering modifying the accountability provisions of the IBQ Program as a means to provide additional flexibility for vessel owners, while achieving a balance among the IBQ Program objectives.

The pelagic longline fishery is a diverse fishing fleet, with a variety of vessel sizes and types of operations distributed from the waters off Nova Scotia to the Gulf of Mexico, Caribbean, and South America. Timing of fishing trips is typically based on the availability of target species, weather, moon phase, markets, crew and bait availability, among other factors. By allowing a vessel owner to determine the timing of lease transactions or level of quota debt they are comfortable maintaining over a longer time period, quarterly accountability (i.e., resolving IBQ quota debt every 3 months) may achieve a better balance between minimizing constraints on fishing for target species and ensuring accountability for incidental bluefin catch.

Alleviation of the timing constraint associated with trip-level accountability would provide additional flexibility for a vessel owner to pay costs associated with fishing (e.g., fuel, bait, ice, labor, repairs, IBQ leasing, etc.) according to their own operational and financial timeline. The opportunity to fish with a low IBQ balance or with quota debt may enable a vessel owner to continue to obtain fishing revenue while looking for quota to lease, which could better accommodate different types of fishing operations and financial obligations.

For more information, contact Tom Warren, Highly Migratory Species, at 978-281-9260, or email him at Thomas.Warren@noaa.gov.



NOAA photo

Atlantic Sturgeon

Continued from previous page



NOAA photo

funded in a manner that avoids or minimizes impacts to the critical habitat.

What does the critical habitat designation mean for fishermen?

You will continue to fish the same as before the Atlantic sturgeon critical habitat designations. If you fish in a river where critical habitat is designated, and you receive a federal permit or federal funds for that fishing activity then the federal agency that authorizes or funds that fishing activity will work with us through the section 7 consultation process. Since we issue fishing permits and provide funding, such as research grants, we also

consult within our agency. This is the same process that we have used to consider the effects of federally-permitted fishing to Atlantic sturgeon since the DPSs were listed under the Endangered Species Act in 2012.

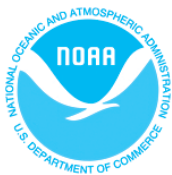
If you fish in a river that has been designated as Atlantic sturgeon critical habitat, but you do not receive a federal permit or federal funding, then there is no requirement to work with us through the section 7 consultation process. You can continue to fish as before the Atlantic sturgeon critical habitat designations.

Designating critical habitat will not prevent maintenance dredging of navigation channels and the waterways where critical habitat is designated. Federal actions

that are necessary to maintain safe navigation and support commerce will continue to occur. In situations where critical habitat would be destroyed or adversely modified as a result of dredging, we will work with the other federal agency to identify how the activity can be modified to avoid or minimize impacts to the critical habitat.

Where can I find out more about Atlantic sturgeon critical habitat?

The final rule, maps, and other supporting materials are posted on our web page at <https://www.greateratlantic.fisheries.noaa.gov/protected/atlsturgeon>



The NOAA FISHERIES NAVIGATOR

Exploring Ways to Make Fishing Communities More Resilient: How Can We Help?

How are fishing communities in our region affected by climate change? What do communities need to become more resilient to changes in the distribution of historic fish stocks, devastating storms, and losses in waterfront infrastructure? What can we as an agency do to help the communities we serve become more resilient and adaptable to these and other challenges? These are questions we are working on with help from our Northeast Fisheries Science Center (NEFSC).

We are exploring ways to help communities cope with the regulatory, environmental, and economic changes that challenge their sustainability. The collective goal is to improve fishing community resilience by focusing our delivery of information and resources to help communities reduce their vulnerabilities, and improve their adaptability to climate change and other impacts. To that end, we have been talking with a variety of community members throughout our region to learn about local challenges and approaches to strengthening their resilience.

Regional Community Resilience Workshop

For two days in June, we hosted more than 50 people, including mayors and other community leaders, fishermen, fishing industry representatives, scientists, and state and federal staff, at a workshop to help us better understand community resilience challenges and needs. A major goal of the workshop was to figure out how we can best provide resources to support local efforts that encourage innovation and economic diversification in coastal communities.

In his opening remarks John Bullard, Regional Administrator for the Greater Atlantic Region, noted that "Community resilience may be a new term, but it's not a new idea. With the inevitable impacts of climate change, we are even more diligent in our efforts to help communities identify their vulnerabilities and provide the information and assistance to help them adapt."

Dr. Jon Hare, the Science and Research Director of the NEFSC, added "Climate change is real and we are already seeing its impacts here in the Northeast which has one of the fastest changing climates on the planet. One challenge is determining how to use the existing science, such as NEFSC's fishery, community, and habitat vulnerability assessments, to help communities adapt to a changing environment."

Insights and Innovations

Regional community leaders and members talked about what is already happening in their own communities to bolster local resiliency, as well as issues they face:

Maine

Patrick Keliher, Director of the Maine Department of Marine Resources, discussed climate challenges in the management of the state's iconic lobster fishery. Rapidly warming waters in the Gulf of Maine likely contribute to the decline of young lobsters, which could disrupt this fishery, even though it has experienced record high abundance and revenues during the past two decades.

Jen Levin, Gulf of Maine Research Institute, presented her work with local fishermen on demonstrating a

Japanese method of killing fish to create sushi-grade and higher value products. This and other techniques are taught to local fishermen to enable them to participate in this part of the seafood market.

Carla Guenther, Maine Center for Coastal Fisheries (MCCF), noted that the downeast Maine community of Stonington is heavily dependent on the lobster fishery so fluctuations in the lobster stock create a vulnerability in the well-being of this community. In addition, the MCCF established the Eastern Maine Skippers Program to train local children in developing successful fishing businesses that may be better able to handle potential stock fluctuations.

Maryland

Michael Luisi, Director of the Maryland Department of Marine Resources, noted that climate change and warming waters are changing the coastal distribution of stocks of species such as summer flounder. The current allocation process and regulatory programs are misaligned with the changing stock distribution, complicating the management of the fishery.

"One challenge is determining how to use the existing science, such as NEFSC's fishery, community, and habitat vulnerability assessments, to help communities adapt to a changing environment."
—Dr. John Hare

Massachusetts

Mayor Sefatia Romeo Theken of Gloucester believes that promoting aquaculture and targeting underutilized species, such as redfish, are important ways to improve Gloucester's fishery-based revenues. And new technologies, such as creating fertilizer from fish waste, is an example of how coastal communities like Gloucester are developing new products to diversify the coastal economy without giving up critical working waterfront.

Mayor Donna Holaday of Newburyport stated that loss of primary dunes, storm surge, and coastal flooding are the main challenges for her river- and oceanfront community. Partnerships and community-based

initiatives have helped to address the City's climate vulnerabilities.

For Ed Anthes-Washburn, Port Director of the City of New Bedford, diversity and versatility are key to a city's resilience. New Bedford's investment in a working waterfront that accommodates commercial fishing as well as other water-dependent industries has helped improve versatility.

Tom Gillett, Gloucester Economic Development and Industrialization Corporation, is creating a cluster of marine industries to provide an economic network that will support expanded maritime industries and seafood markets.

New Hampshire

Captain Tim Rider of New England Fishmongers catches and delivers high quality, hook-caught groundfish to local gourmet restaurants to improve the demand for locally caught seafood.

Michael Chambers, University of New Hampshire Sea Grant Program, is working to open new seafood markets with local cultured seafood and to streamline the permitting process for setting up new aquaculture ventures.

Rhode Island

Aquaculture innovator Bob Rheault, East Coast Shellfish Growers Association, undertakes policy and research work to support shellfish growers throughout the region, including promotion of offshore mussel production.

NOAA Fisheries

Dr. Lisa Colburn of the NEFSC presented the community vulnerability analysis that was developed to assess the challenges that coastal communities face due to climate-related factors.

Staff from the Greater Atlantic Regional Fisheries Office highlighted some of our programs such as the Saltonstall-Kennedy Grants Program, the Fishery Finance Program, and on-line technological tools to help fishermen adapt to change.

Results

Workshop participants identified the following actions to help improve resilience in our communities:

- Improve trust and address the disconnect between science and what fishermen are seeing on the water

- Improve information flow and develop a Community Resilience website

- Enhance the flexibility of management, permitting and regulations. One way to do this is to use the forecasting of stock shifts to enable the adjustment of management measures as needed.

What are the next steps? We are taking what we learned at this workshop and crafting a way forward that will encourage communication and coordination among the various parties supporting community resiliency planning in our region. We plan to hold a similar workshop in the Mid-Atlantic region in 2018 to learn more about the issues specific to that area.

For more information, contact Peter Burns, Sustainable Fisheries Division, at 978-281-9144 or at Peter.Burns@noaa.gov.



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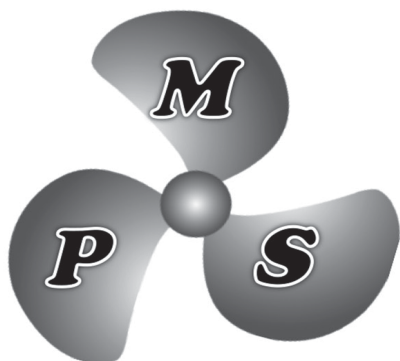




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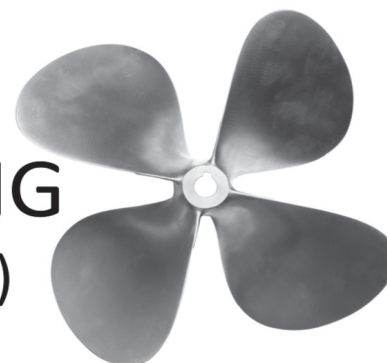


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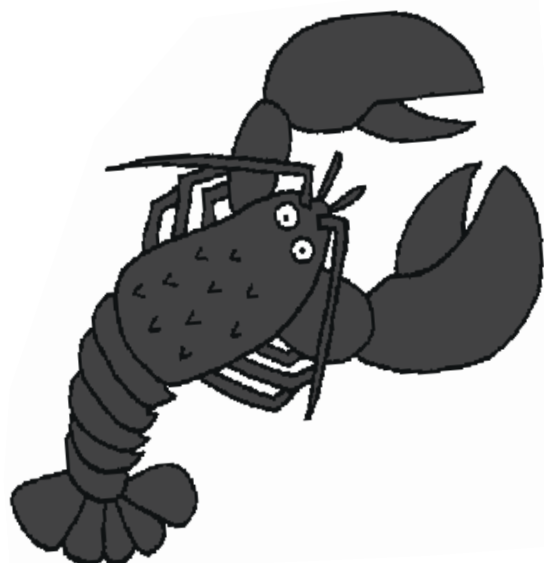
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Using Side-scan Sonar to Assess Derelict Fishing Gear Before Grappling

Presenters: Laura Ludwig, Marine Debris & Plastics Program, Owen Nichols, Marine Fisheries Research Program, Bryan Legare, Marine Geology Program Center for Coastal Studies

"Ghost gear provides structure." "Lost traps create habitat." To look at the question of whether certain lost or abandoned lobster gear is better recovered or left alone on the bottom, the Center for Coastal Studies worked with commercial fishermen in Provincetown and Sandwich on a project to locate, assess and grapple back lost lobster gear in early spring of 2017. Sophisticated sonar equipment was used to locate potential grappling targets. Commercial divers documented the gear on bottom with video and still photographs, and images were geo-referenced and correlated with the sonar targets. Finally, photos of recovered traps were compared to sonar imagery and underwater photographs to ascertain the degree to which it is possible to learn from sonar images whether and how much the gear has integrated with the surrounding habitat.

Embracing Ecosystem Change: Can Lobster, Jonah Crab, Black Sea Bass, and Fishermen Get Along?

Presented by: Commercial Fisheries Research Foundation

Speakers/Panelists: Anna Mercer (Executive Director of CFRF), Norbert Stamps (Atlantic Offshore Lobstermen's Association), Robert Glenn (Chief Marine Fisheries Biologist, Massachusetts Division of Marine Fisheries), Greg Mataronas (F/V Cailyn Grace), Jason McNamee (Chief, Rhode Island Department of Environmental Management Marine Fisheries)

The ocean is an interconnected ecosystem and things are changing fast. More southern species are appearing off the coast of Southern New England,

new species and markets are emerging, and the fishing community must adapt. This seminar will focus on how fishermen in the Southern New England lobster fishery have adapted their businesses to the emergence of Jonah crab and black sea bass. The Commercial Fisheries Research Foundation (CFRF) will present recent research on species of emerging importance (Jonah Crab and black sea bass), how we may expect the population (and catch rates) to change over time, and how CFRF is working with fishermen to get the data they need to better manage these fisheries, and expand economic opportunities. In addition, a panel of fishermen will discuss their experiences with Jonah Crab and black sea bass, while scientists from the Massachusetts Division of Marine Fisheries (MA DMF) will present recent work on Jonah Crab sexual maturity.

Cooking Demo

Come see and taste what the Resort and Conference Center's Master Chef will create for you this year. This year he will create a Roasted shrimp, garlic & cilantro, steamed corn tamales dish that is sure to please the taste buds. You can't miss this so get there early and get ready to be dazzled.

Atlantic Offshore Lobstermen's Association winter meeting

"The Atlantic Offshore Lobstermen's Association (AOLA) will host their winter meeting at MLA Weekend. The Association's will meet to review 20167 actions and discuss plans for 2018. Major topics to discuss include: Atlantic marine monuments - declaration and next steps; lobster and Jonah crab management - Southern New England lobster addendum, trap transferability and reductions, and other 2017 management actions; and deep sea coral management - New England Fishery Management Council rule making. A final agenda of issues to be discussed will be posted on the AOLA web site two weeks prior to the meeting date. All are welcome. To learn more about AOLA, visit www.offshorelobster.org or call 603-828-9342."

ASMFC American Lobster Board Approves Draft Addenda XXVI & III to the American Lobster and Jonah Crab FMPs for Public Comment – (Public Hearing on Friday January 19, 2018 at 1:00)

The Atlantic States Marine Fisheries Commission's American Lobster Management Board approved American Lobster Draft Addendum XXVI/Jonah Crab Draft Addendum III for public comment. Given the same data collection needs apply to both American lobster and Jonah crab fisheries, Draft Addendum XXVI and Draft Addendum III are combined into one document that would modify management programs for both species upon its adoption. The Draft Addenda seek to improve harvest reporting and biological data collection in the American lobster and Jonah crab fisheries. The Draft Addenda propose using the latest reporting technology, expanding the collection of effort data, increasing the spatial resolution of harvester reporting, and advancing the collection of biological data, particularly offshore. Recent management action in the Northwest Atlantic, including the protection of deep sea corals, the declaration of a national monument, and the expansion of offshore wind projects, have highlighted deficiencies in current American lobster and Jonah crab reporting requirements. These include a lack of spatial resolution in harvester data and a significant number of fishermen who are not required to report. As a result, efforts to estimate the economic impacts of these various management actions on American lobster and Jonah crab fisheries have been hindered. States have been forced to piece together information from harvester reports, industry surveys, and fishermen interviews to gather the information needed. In addition, as American lobster and Jonah crab fisheries continue to expand offshore, there is a greater disconnect between where the fishery is being prosecuted and where biological sampling is occurring. More specifically, while most of the sampling occurs in state waters, an increasing volume of American lobster and Jonah crab are being



harvested in federal waters. The lack of biological information on the offshore portions of these fisheries can impede effective management.

The Draft Addenda present three questions for public comment: (1) what percentage of harvesters should be required to report in the American lobster and Jonah crab fisheries; (2) should current data elements be expanded to collect a greater amount of information in both fisheries; and (3) at what scale should spatial information be collected. In addition, the Draft Addenda provide several recommendations to NOAA Fisheries for data collection of offshore American lobster and Jonah crab fisheries. These include implementation of a harvester reporting requirement for federal lobster permit holders, creation of a fixed-gear VTR form, and expansion of a biological sampling program offshore.

It is anticipated the majority of states from Maine through New Jersey will be conducting public hearings on the Draft Addenda. The details of those hearings will be released in a subsequent press release. The Draft Addenda will be available on the Commission website, www.asmfc.org (under Public Input) by October 27th. Fishermen and other interested groups are encouraged to provide input on the Draft Addenda either by attending state public hearings or providing written comment. Public comment will be accepted until 5:00 PM (EST) on January 22, 2017 and should be forwarded to Megan Ware, FMP Coordinator, 1050 N. Highland St, Suite A-N, Arlington, VA 22201; 703.842.0741 (FAX) or at comments@asmfc.org (Subject line: Draft Addenda XXVI & III).

Alive and Fishing!

Presented by: The Northeast Center for Occupational Health and Safety Rebecca Weil, Jessica Echard: & Ed Dennehy & Luis Catala: Fishing Partnership Support Services

550 lobstermen have been participating in the lifejacket study-come hear their stories of survival and solutions, and see what lifejackets lobstermen have been trying out this past year. What do your peers think of testing out lifejackets: likes, changes, ideal lifejacket?

Most importantly, what would you like to see going forward to help keep lobstermen alive and fishing? Lobstermen who have participated in the project. Dave Casoni, Peter Fredrickson, and Sean McMullen: Commercial Lobstermen Raffle: Anyone attending the talk will be eligible to win a LifeSling3, USCG TYPE V approved horseshoe buoy.

Decompress in the Bait Shed

Come listen to Brian Robbins, CFN's columnist invites you for a session of tunes and storytelling. Take a break, have some grins and bring a tale of your own. This guy's from ... Maine? Brian Who? Now pay attention here, folks: if you landed here looking for Brian Robbins the film actor/director/producer, it ain't me, babe and wails away on the guitar, mandolin and bouzouki while bellowing, blowing on a harmonica, and stomping his foot, then

Massachusetts Lobstermen's Association Annual Membership meeting

Calling ALL MLA members to the Annual MLA membership meeting, this will be held during the Annual Weekend and Trade Show. This venue allows more members a chance listen and participate as well as meeting other MLA members from around the region on what the MLA is currently working on and will be working on in 2018. If you are not yet a member you are encouraged to attend too! See you all there. For more information visit www.lobstermen.com

Fishing in a changing ecosystem: exploring observations, predictions, and strategies for the commercial fishing industry

Presented by: Gulf of Maine Research Institute: Kathy Mills (Fisheries Ecologist), Mary Hudson (Program Manager, Fisheries Technical Assistance Program), and Steve Eayrs (Fishing Technologist). Ocean temperatures are changing and affecting species throughout the region. What changes have fishermen seen on the water? How have they adapted to these changes? What does the future hold? Will species shifts continue, and how will the fishing industry be impacted and respond? What tools can we use to support adaptive, successful fisheries in the face of these changes?

The Gulf of Maine Research Institute (GMRI) is leading a multi-year research project to explore these and related questions. In this interactive session, we will present project details, including preliminary findings describing how species availability will change in the future, how this may affect different ports, and potential impacts on fishing operations. As we share these findings, we will seek your thoughts and comments, including what you are seeing on the water and how you have or would like to respond. Please join us in a discussion to explore and share knowledge and strategies to cope with a changing ecosystem.

GMRI is a non-profit organization based in Portland, Maine, that works closely with fishermen, coastal communities, managers, and others to facilitate the utilization of marine resources and economic growth in New England. More information about GMRI can be found at www.gmri.org.

MLA's "SUPER SILENT" AUCTION

Please plan on attending this, 30 minutes, fast and furious "Super Silent Auction" so you don't miss out on great items that have been generously donated by many MLA supporters and members. Register for your number on Friday and Saturday at the MLA booth and view all the items on display. All the proceeds go toward the MLA Scholarship fund.

Massachusetts Division of Marine Fisheries & Environmental Police Roundtable

The Massachusetts Division of Marine Fisheries (DMF) is responsible for the conservation of marine fisheries resources. This includes managing both recreational and commercial harvesting of saltwater finfish, shellfish, and crustaceans like lobster and crab. With 71 years of experience, the Division oversees policy which promotes sustainability while balancing the requirements of a complex coastal fishing industry. For more information visit www.mass.gov/eea/agencies/dfg/dmf

The Massachusetts Environmental Police protect the environment and natural resources of the Commonwealth of Massachusetts through enforcement, education, and public outreach. The Office is further charged with protecting the health, safety, and individual rights of the public and preserving our environment for future

generations. For more information visit www.mass.gov/eea/grants-and-tech-assistance/enforcement/environmental-police. State officials will be on hand to present new information on lobster stock status, fishery trends, and discuss a variety of other issues of concern to the industry.

Craft Seminar –Nautical Fleece blanket

We'll start at 10:40 am, so be sure to arrive early enough to get a seat for everyone in your group (we suggest at least 15 minutes early). There will be supplies for 15 people. Please note one per family unless there is unfilled space.

A "Speck in the Sea" presentation by John Aldridge & Anthony Sosinski

Looking back, John Aldridge knew it was a stupid move. When you're alone on the deck of a lobster boat in the middle of the night, 40 miles off the tip of Long Island, you don't take chances. But he had work to do: He needed to start pumping water into

the Anna Mary's holding tanks to chill, so that when he and his partner, Anthony Sosinski, reached their first string of traps a few miles farther south, the water would be cold enough to keep the lobsters alive for the return trip. In order to get to the tanks, he had to open a metal hatch on the deck. And the hatch was covered by two 35-gallon Coleman coolers, giant plastic insulated ice chests that he and Sosinski filled before leaving the dock in Montauk harbor seven hours earlier. The coolers, full, weighed about 200 pounds, and the only way for Aldridge to move them alone was to snag a box hook onto the plastic handle of the bottom one, brace his legs, lean back and pull with all his might. And then the handle snapped.

Suddenly Aldridge was flying backward, tumbling across the deck toward the back of the boat, which was wide open, just a flat, slick ramp leading straight into the black ocean a few inches below. Aldridge grabbed for the side of the boat as it went past, his fingertips missing it by inches. The water hit him like a slap. He went under, took in a mouthful of Atlantic Ocean and then surfaced, sputtering. He yelled as loud as he could, hoping to wake Sosinski,

who was asleep on a bunk below the front deck. But the diesel engine was too loud, and the Anna Mary, on autopilot, moving due south at six and a half knots, was already out of reach, its navigation lights receding into the night. Aldridge shouted once more, panic rising in his throat, and then silence descended. He was alone in the darkness. A single thought gripped his mind: This is how I'm going to die. <https://www.nytimes.com/2014/01/05/magazine/a-speck-in-the-sea.html>

Come meet John and Anthony and hear about their harrowing story on Saturday, January 20th at the MLA's Annual Weekend and Tradeshow.

THE Comedian COMPANY

Max Dolcelli has appeared just about everywhere and done just about everything a comedian can do, performing in comedy clubs and comedy festivals in the U.S. and Canada, casinos and clubs in Las Vegas, Atlantic City and the Bahamas, at corporate events and on cruise ships, and on television and radio.

After nearly 30 years of making people laugh, Max has the experience and repertoire to deliver the kind of show people want, whether it's clean comedy for a corporate, private or other event, or a more risqué, late-night comedy club style.

No matter what the type of show, Max's animated onstage presence and sharp material get the audience on board for a wild ride.

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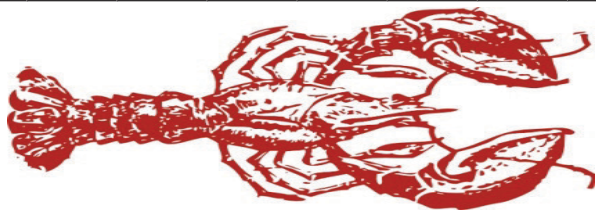
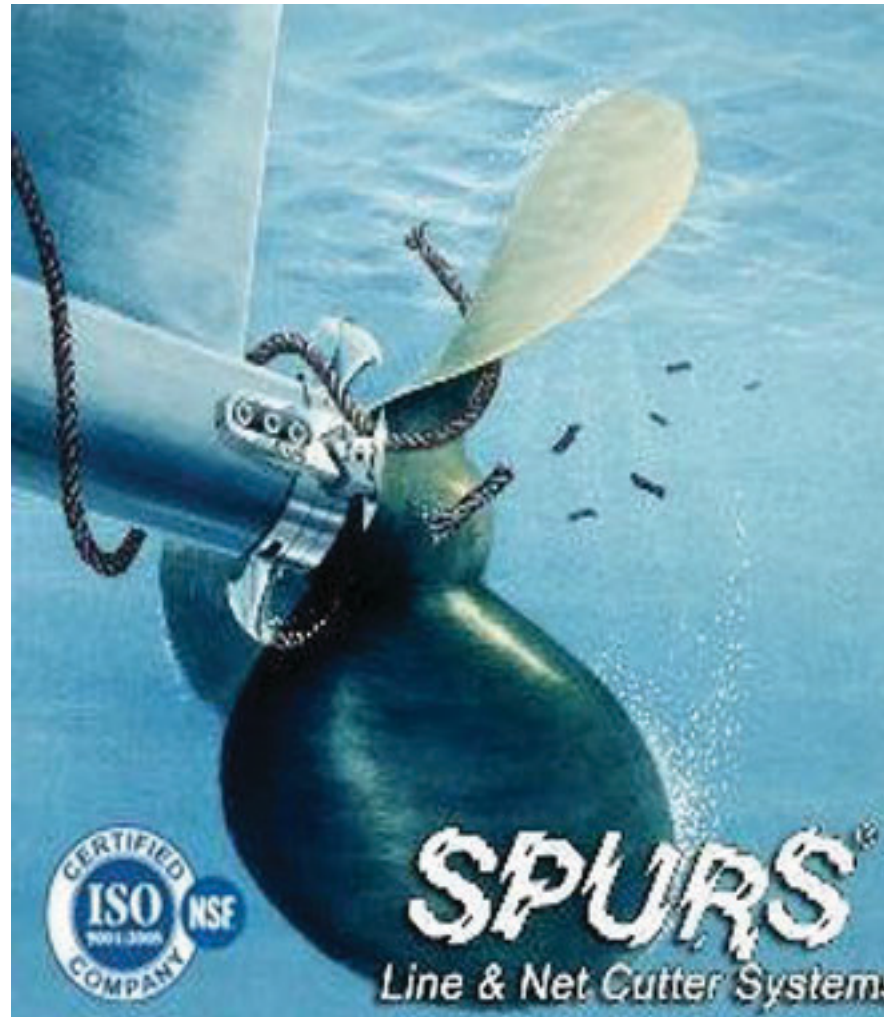
THE MLA LEGAL DEFENSE FUND

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 action that could seriously impact our fishermen's ability to conduct their businesses and earn a living.

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

**Thank you for your
continued support.**

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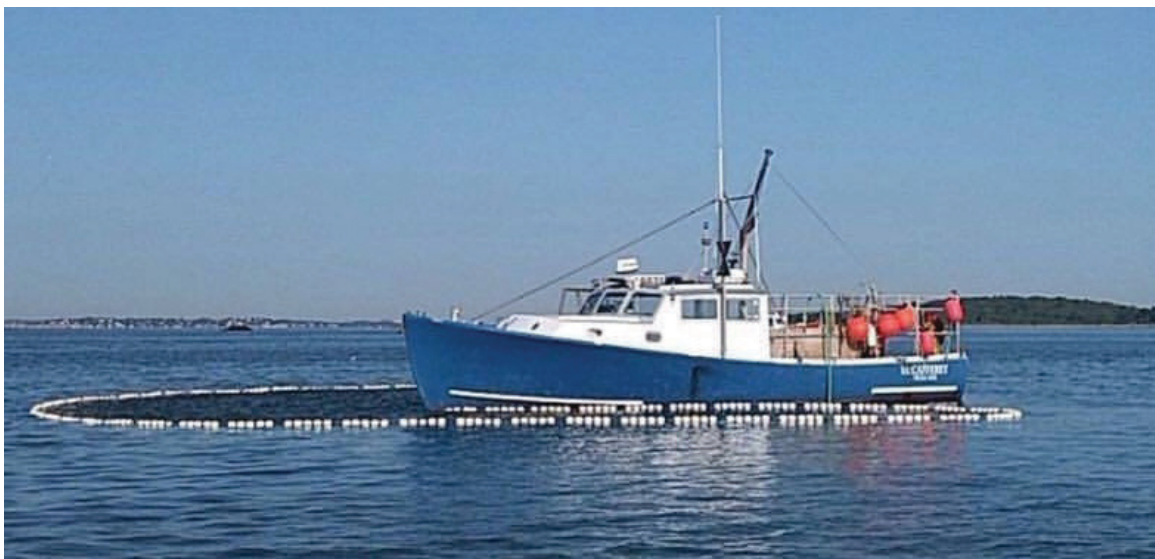
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COVER STORY *Continued from page 2*

an observer in 2017 in the Mid-Atlantic region was 46 out of 50 vessels, but only 406 out of 1,086 of New England lobster pot vessels were in the pool.

In the New England region, that translates into a sampling pool of 27,956 lobster trips but misses 89,048 lobster-only fishing trips. In the Mid-Atlantic, all but 77 trips were available for sampling in 2017. This leads to a spatial bias in sampling.

"The framework won't directly affect the number of sea days," said Doug Potts, policy analyst for GARFO. "Sea days are determined by whether the fishery achieves 30% of the coefficient of variability (CV) of projected discards."

"If discards are very low, or there is a very low mortality of discards, the fishery gets filtered out," Potts said. "Then the default coverage of three trips/quarter that the fishery is actively fished."

Although there is no small boat exemption in the lobster SBRM framework, the NEFSC trains observers to fit into tight quarters.

Fisheries biologist Glenn Chamberlain at NEFSC said that observers are trained to sample from a position portside forward, out of the way of most of the trap

hauling on starboard side and handling lobsters mid-deck.

Also, sampling gear is tailored to reduce conflicts, Chamberlain said. GPS is used for hauls, so the observer doesn't have to cross lines and get in the way to get to the wheelhouse. Observers use a digital voice recorder with a headset to eliminate carrying clipboards and paper.

"And they're only sampling a subset of lobsters," Chamberlain said. "It depends on the number of traps in the haul. Observers sample every other haul, and spread it throughout the haul."

"We emphasize communication in training observers," said Chamberlain. "If fifty percent is too much, they can scale it back to a lower percentage after talking to the captain and crew."

Currently, most of the sampling has been from Massachusetts-based vessels with multiple permits, Chamberlain said. But an estimated 80% of the lobster trips are out of Maine and so the new sampling frame will match more GOM vessels with observers.

For more information on how sea days are set, visit www.nefsc.noaa.gov/fsb/SBRM/. Observer FAQs can be found at:

www.nefsc.noaa.gov/fsb/faq.html.

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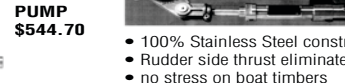
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Lobster's Pepsi 'Tattoo'

Highlights Major Ocean Problem *By Sarah Gibbens PUBLISHED NOVEMBER 30, 2017*

Yet again, we're reminded that the ocean is full of trash.

A lobster fished from waters off the coast of New Brunswick, Canada, was found earlier this month with

an unusual marking on its claw—what appears to be the image of a Pepsi can.

Photos of the claw show the upper lid of the can is visible, with all the details of its popper and curved edges. Just the glimpse of a red logo peeks out from the bottom. Whether the imprint came from an actual can of Pepsi or from an image of a can on a case or other item remains unclear.

News about the photo was first reported by the Canadian Broadcast Company (CBC), but the image has quickly made the rounds online as a symbolic reminder that our oceans are plagued with human debris.

The lobster was hauled up by fisher Karissa Lindstrand who told the

CBC she recognized the brand because she reportedly drinks 12 cans of it daily. In the four years that she's been fishing in this region, she's never seen trash imprinted on an animal, she told the outlet. Ocean trash is reportedly a major issue in New Brunswick, filtering even deep under the surface.

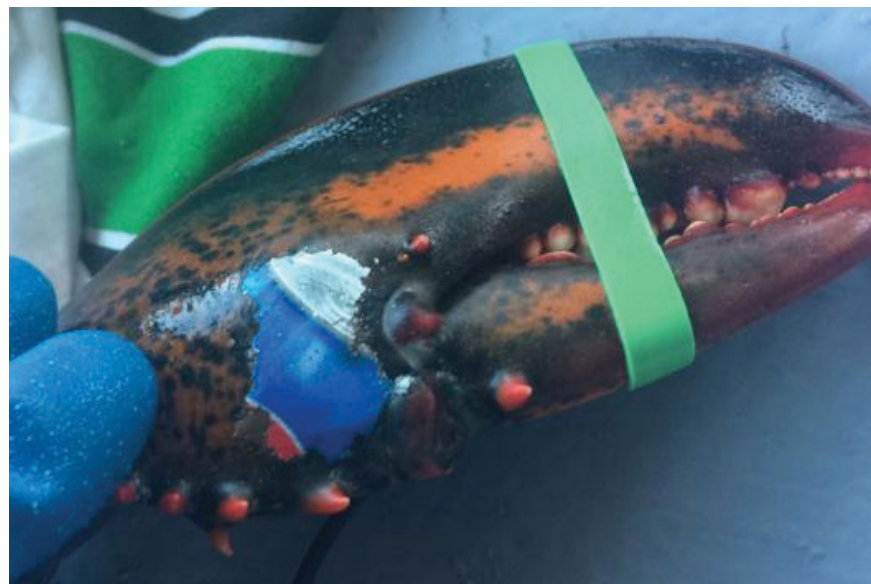
And it's not just New Brunswick that's having a problem with ocean trash. By all accounts, it's an issue that spans the globe.

Just this past September, an image of a seahorse swimming with its tail wrapped around a cotton swab off the coast of Borneo became a heartbreaking reminder that trash is everywhere.

As of 2015, there was an estimated 5.25 trillion pieces of plastic floating in the ocean, and just this past summer, a garbage patch the size of Mexico was found in the Pacific Ocean.

Garbage doesn't just impact marine habitats—animals also love to eat it. One 2016 study found that marine life eats so much debris because it smells like food.

<https://news.nationalgeographic.com/2017/11/lobster-claw-pepsi-soda-can-new-brunswick-spd>





New England Fishery Management Council

FOR IMMEDIATE RELEASE
November 2, 2017

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

Council Undertakes Independent Review to Assess Past Performance and Solicit Suggestions for Improvement

The New England Fishery Management Council is launching an independent “program review” and is asking stakeholders who interact with the Council to participate in the undertaking.

“Like every organization, the Council can benefit from periodically reviewing how it does business,” said Council Chairman Dr. John Quinn, Director of Public Interest Law Programs at the University of Massachusetts School of Law. “That’s why we initiated an external review of our operations. We want to know three things: what we’re doing right; what we’re doing wrong; and how we can improve the way we serve the people who are involved in our fisheries and the public overall.”

Stakeholder input is being solicited through two primary avenues: (1) a short online survey; and (2) 14 port meetings from Maine to New Jersey, coupled with a webinar option for anyone who can’t attend an in-person meeting or who wants to contribute additional comments. The port meetings will be held on the following dates in easy-to-access locations:

- Monday, November 13, **Ellsworth, ME** – Ellsworth High School, 24 Lejok Street, 5 p.m.
- Tuesday, November 14, **South Portland, ME** – DoubleTree by Hilton, Monhegan Room, 363 Maine Mall Road, 8:30 a.m.
- Tuesday, November 14, **Rockport, ME** – Samoset Resort, 220 Warrenton Street, 5 p.m.
- Wednesday, November 15, **Portland, ME** – Casco Bay Ferry Terminal, Maine State Pier Commercial St., 5 p.m.
- Thursday, November 16, **Portsmouth, NH** – Best Western, 580 U.S. Highway 1 traffic circle, 5 p.m.
- Friday, November 17, **Narragansett, RI** – Superior Trawl, 55 State Street, 3 p.m.
- **Tuesday, November 28, Webinar** – Register at <https://register.gotowebinar.com/register/2831172459089294081> or call in at +1 (213) 929-4212 and supply access code 839-533-461, 1 p.m.
- Tuesday, November 28, **Gloucester, MA** – Massachusetts Division of Marine Fisheries Annisquam River Station, 30 Emerson Ave., 5 p.m.
- Wednesday, November 29, **Scituate, MA** – Stellwagen Bank National Marine Sanctuary Office, 175 Edward Foster Road, 5 p.m.
- Thursday, November 30, **New Bedford, MA** – UMass Dartmouth SMAST-East, Room 101, 836 South Rodney French Boulevard, 5 p.m.
- Friday, December 1, **Chatham, MA** – Chatham Community Center, 702 Main Street, 5 p.m.
- Saturday, December 2, **Plymouth, MA** – Hotel 1620 Plymouth Harbor Amphitheater, 180 Water Street, 3 p.m.
- Monday, December 4, **Stonington, CT** – La Grua Center, 32 Water Street, 5 p.m.
- Monday, January 8, **Montauk, NY** – Montauk Playhouse Community Center, 240 Edgemere Street, 5 p.m.
- Tuesday, January 9, **Cape May, NJ** – Rutgers University, 1636 Delaware Ave., 5 p.m.



New England Fishery Management Council

The online survey, which shouldn't take more than 15-to-20 minutes to complete, is designed to obtain feedback about Council communications and the ability to participate in the Council process. The survey is available at https://www.surveymonkey.com/r/NEFMC_Review_Stakeholder_Survey.

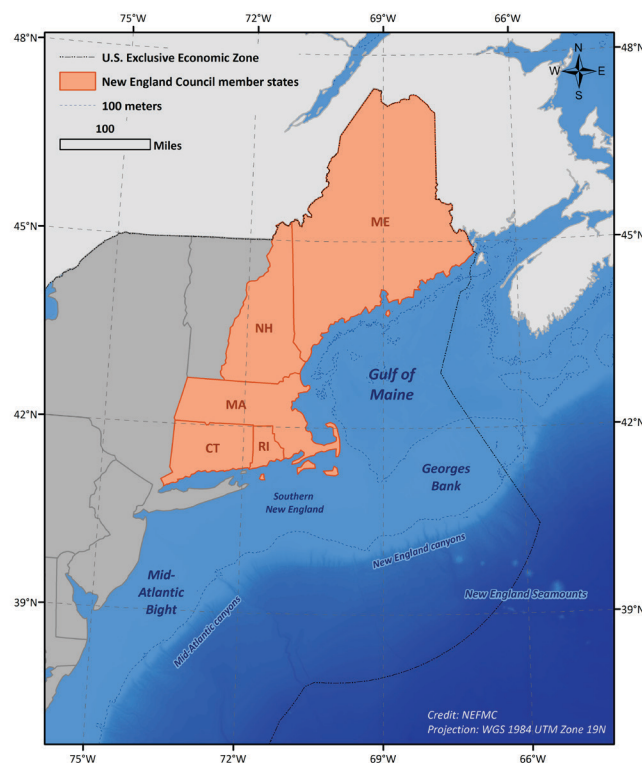
Council Chairman Quinn said, "I encourage everyone to take advantage of the two available options. Fill out the online survey *and* attend a port meeting. We need both forms of stakeholder input."

*Stakeholder input **will be confidential**. Specific statements, ideas, and perspectives will not be attributed to individuals. Comments and suggestions will be summarized based on themes, fishery, and/or geography as appropriate, and a report will be prepared for the review panel. The final report will be available to the public and posted on the Council's program review webpage at <https://www.nefmc.org/library/council-program-review>.*

WHO'S IN CHARGE OF THE EXTERNAL REVIEW

The Council Program Review will be conducted by an external panel of managers and scientists from other regions and/or international fisheries entities who have a strong understanding of U.S. federal fisheries management but no recent involvement or affiliation with the New England Council. The review panel will meet for one week in early 2018 to discuss Council operations and carry out the Terms of Reference for the review. The meeting will be open to the public.

The Council has enlisted the help of two contractors to support this review process as follows:



Fisheries Leadership & Sustainability Forum – The Fisheries Forum (<http://www.fisheriesforum.org>) will gather input from all stakeholders through the port meetings, webinar, and online survey and provide a summary to the review panel.

Tidal Bay Consulting – Tidal Bay (<https://www.tidalbayconsulting.com>) will compile background documents for the review panel, provide support for the review meeting itself, and prepare the panel's final report.

Additional materials related to this external review, including a Stakeholder Frequently Asked Questions document and the Terms of Reference for the external review panel, are available at: <https://www.nefmc.org/library/council-program-review>

The New England Fishery Management Council's members come from the states of Maine, New Hampshire, Massachusetts, Connecticut, and Rhode Island. The Council manages 29 species under nine Fishery Management Plans and addresses habitat/coral protection across all plans. The Council also is working on ecosystem-based fishery management.



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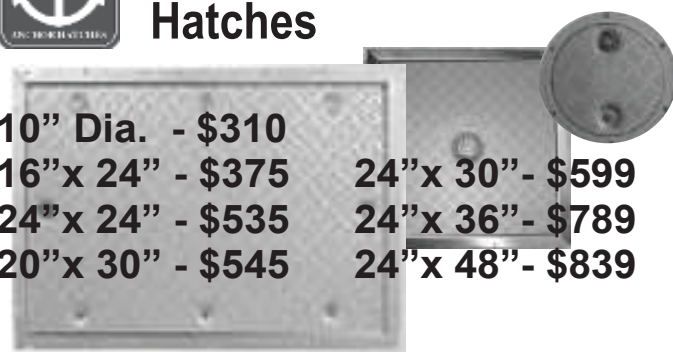


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Atlantic States Marine Fisheries Commission

NEWS RELEASE

Vision: Sustainably Managing Atlantic Coastal Fisheries

FOR IMMEDIATE RELEASE
November 16, 2017

PRESS CONTACT: Tina Berger
703.842.0740

States Schedule Hearings on Draft Addenda XXVI & III to the American Lobster and Jonah Crab FMPs

Arlington, VA – States from Maine through New Jersey have scheduled their hearings to gather public input on American Lobster Draft Addendum XXVI/Jonah Crab Draft Addendum III. The details of those hearings follow.

Maine Department of Marine Resources

January 10, 2018; 6 PM

* Scarborough, ME

Contact: [Pat Keliher](#) at 207.624.6553

* Specific location to be determined

January 11, 2018; 6 PM

Ellsworth High School

24 Lejok Street

Ellsworth, ME

Contact: [Pat Keliher](#) at 207.624.6553

New Hampshire Fish and Game Department

January 16, 2018; 7 PM

Urban Forestry Center

45 Elwyn Road

Portsmouth, NH

Contact: [Doug Groul](#) at 603.868.1095

Massachusetts Division of Marine Fisheries

January 19, 2018; 1PM

Resort and Conference Center of Hyannis

35 Schudder Avenue

Hyannis, MA

Contact: [Dan McKiernan](#) at 617.626.1536

* *The MA DMF hearing will take place at the MA Lobstermen's Association Annual Weekend and Industry Trade Show*

Rhode Island Division of Fish and Wildlife

January 17, 2018; 6 PM

University of Rhode Island Bay Campus

Corless Auditorium, South Ferry Road

Narragansett, RI

Contact: [Conor McManus](#) at 401.423.1943

Connecticut Department of Energy and Environmental Protection

January 18, 2018; 7 PM

CT DEEP Boating Education Center

333 Ferry Road

Old Lyme, CT

Contact: [Mark Alexander](#) at 860.447.4322

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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**New York Department of
Environmental Conservation***January 9, 2018; 6:30 PM*

NYSDEC Division of Marine Fisheries

205 N. Belle Mead Road

East Setauket, NY

Contact: [Jim Gilmore](#) at 631.444.0430**New Jersey Division of Fish and Wildlife***January 8, 2018; 6 PM*

Wall Township Municipal Building

Lower Level Community Room

2700 Allaire Road

Wall Township, NJ

Contact: [Peter Clarke](#) at 609.748.2020

The Draft Addenda seek to improve harvest reporting and biological data collection in the American lobster and Jonah crab fisheries. The Draft Addenda propose using the latest reporting technology, expanding the collection of effort data, increasing the spatial resolution of harvester reporting, and advancing the collection of biological data, particularly offshore.

Recent management action in the Northwest Atlantic, including the protection of deep sea corals, the declaration of a national monument, and the expansion of offshore wind projects, have highlighted deficiencies in current American lobster and Jonah crab reporting requirements. These include a lack of spatial resolution in harvester data and a significant number of fishermen who are not required to report. As a result, efforts to estimate the economic impacts of these various management actions on American lobster and Jonah crab fisheries have been hindered. States have been forced to piece together information from harvester reports, industry surveys, and fishermen interviews to gather the information needed. In addition, as American lobster and Jonah crab fisheries continue to expand offshore, there is a greater disconnect between where the fishery is being prosecuted and where biological sampling is occurring. More specifically, while most of the sampling occurs in state waters, an increasing volume of American lobster and Jonah crab are being harvested in federal waters. The lack of biological information on the offshore portions of these fisheries can impede effective management.

The Draft Addenda present three questions for public comment: (1) what percentage of harvesters should be required to report in the American lobster and Jonah crab fisheries; (2) should current data elements be expanded to collect a greater amount of information in both fisheries; and (3) at what scale should spatial information be collected. In addition, the Draft Addenda provide several recommendations to NOAA Fisheries for data collection of offshore American lobster and Jonah crab fisheries. These include implementation of a harvester reporting requirement for federal lobster permit holders, creation of a fixed-gear VTR form, and expansion of a biological sampling program offshore.

The Draft Addenda, which are combined into one document that would modify management programs for both species upon its adoption, is available at http://www.asmfc.org/files/PublicInput/LobsterDraftAddXXVI_JonahDraftAddIII_PublicComment.pdf or on the Commission website, www.asmfc.org (under Public Input). Fishermen and other interested groups are encouraged to provide input on the Draft Addenda either by attending state public hearings or providing written comment. Public comment will be accepted until **5:00 PM (EST) on January 22, 2018** and should be forwarded to Megan Ware, FMP Coordinator, 1050 N. Highland St, Suite A-N, Arlington, VA 22201; 703.842.0741 (FAX) or at comments@asmfc.org (Subject line: Lobster Draft Addendum XXVI).

###



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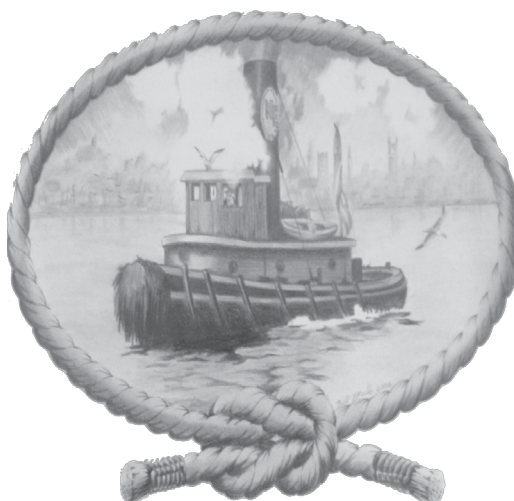
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Atlantic States Marine Fisheries Commission

NEWS RELEASE

ASMFC Vision: Sustainably Managing Atlantic Coastal Fisheries

FOR IMMEDIATE RELEASE
November 14, 2017

PRESS CONTACT: Tina Berger
703.842.0740

ASMFC Approves Amendment 3 to the Interstate Fishery Management Plan for Atlantic Menhaden ***Atlantic Menhaden Board Sets TAC at 216,000 MT for 2018 and 2019***

Linthicum, MD – The Atlantic States Marine Fisheries Commission has approved Amendment 3 to the Interstate Fishery Management Plan (FMP) for Atlantic Menhaden. The Amendment maintains the management program's current single-species biological reference points until the review and adoption of menhaden-specific ecological reference points as part of the 2019 benchmark stock assessment process. It also addresses a suite of commercial management measures including allocation, quota transfers, quota rollovers, incidental catch, the episodic events set aside program, and the Chesapeake Bay reduction fishery cap.

In addition to its Amendment 3 deliberations, the Board set the total allowable catch for the 2018 and 2019 fishing seasons at 216,000 metric tons with the expectation that the setting of the TAC for subsequent years will be guided by menhaden-specific ecological reference points.

"Through adoption of Amendment 3 and the setting of the 2018 and 2019 TAC at a risk-averse level, the Board has demonstrated its continued commitment to manage the menhaden resource in a way that balances menhaden's ecological role with the needs of its stakeholders," stated Board Chair Robert Ballou of Rhode Island. "While the Amendment maintains the current reference points, the Board placed the development of menhaden-specific ecological reference points as its highest priority. While the Board's action was not supported by the majority of public comment received, it is still a conservative management action relative to our understanding of stock status and many of the positive signals we see in the current stock conditions. Specifically, the 2017 Stock Assessment Update indicated the resource remains healthy, with increases in abundance particularly in the norther states. Risks to the resource under our current reference points are well understood, while changes to the TAC under the general forage fish guidelines are not as well understood. Further, the approved TAC, which represents a modest 8% increase in the coastwide quota, has zero percent chance of subjecting the resource to overfishing or causing it to be overfished."

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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Amendment 3 also changes fishery allocations in order to strike an improved balance between gear types and jurisdictions. The Amendment allocates a baseline quota of 0.5% to each jurisdiction, and then allocates the rest of the TAC based on historic landings between 2009 and 2011 (see table below). This measure provides fishing opportunities to states which currently have little quota while still recognizing historic landings in the fishery. The Board also agreed to maintain the quota transfer process, prohibit the rollover of unused quota, maintain the 6,000 lb trip limit for non-directed and small-scale gears following the closure of a directed fishery, and set aside 1% of the TAC for episodic events in the states of New York through Maine. “The Board worked collaboratively and effectively to forge an outcome that is fair and responsive to the needs and interest of all East Coast states” said Chair Ballou.

Table 1. Amendment 3 allocation percentages based on a 0.5% fixed minimum during the 2009-2011 timeframe.

State	Allocations (%)
Maine	0.52%
New Hampshire	0.50%
Massachusetts	1.27%
Rhode Island	0.52%
Connecticut	0.52%
New York	0.69%
New Jersey	10.87%
Pennsylvania	0.50%
Delaware	0.51%
Maryland	1.89%
Potomac River Fisheries Commission	1.07%
Virginia	78.66%
North Carolina	0.96%
South Carolina	0.50%
Georgia	0.50%
Florida	0.52%
Total	100%

Finally, the Amendment reduces the Chesapeake Bay cap, which was first implemented in 2006 to limit the amount of reduction harvest within the Bay, to 51,000 mt from 87,216 mt. This recognizes the importance of the Chesapeake Bay as nursery grounds for many species by capping recent reduction landings from the Bay to current levels.

States must submit implementation plans to the Commission by January 1, 2018 for final implementation by April 15, 2018. The Amendment will be available on the Commission’s website, www.asmfc.org, by the end of November. For more information, please contact Megan Ware, Fishery Management Plan Coordinator, at mware@asmfc.org or 703.842.0740.

###

RECIPE of the MONTH



Creamed Lobster

..... on Puff Pastry Shells

Ingredients

- 3 tablespoons butter
- 3 tablespoons thinly sliced green onion
- 2 tablespoons diced sweet red bell pepper
- 1 rib celery, thinly sliced
- 3 tablespoons all-purpose flour
- 1/2 teaspoon Creole or Cajun seasoning or another seasoned salt blend
- 1 1/2 cups milk
- 1 1/2 cups diced cooked lobster meat
- Salt and freshly ground black pepper, to taste
- 1/2 cup fresh shredded Parmesan cheese, plus more for garnish if desired
- 1 teaspoon fresh chopped parsley, plus more for garnish, optional
- 4 to 6 baked puff pastry shells or toasted English muffins



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Mark –
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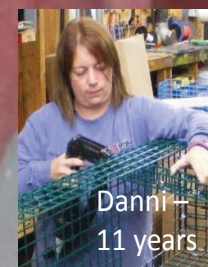
Chetty – 33 years



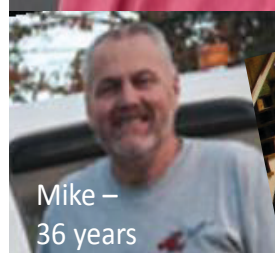
Jerry –
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- Cory Alley, Isleford, ME



Danni –
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Mike –
36 years



Jimmy –
25 years



Vicki –
22 years



Sally –
7 years



Shirley –
11 years



VJ –
11 years

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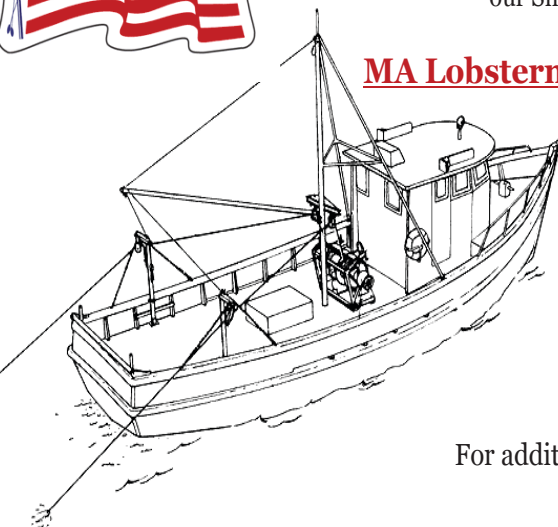


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For additional information on any of the events listed above
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New England Fishery Management Council

FOR IMMEDIATE RELEASE
November 20, 2017

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

New England Council Supports Regional Administrator's Action to Enforce Groundfish Sector IX Operations Plan

The New England Fishery Management Council supports today's announcement by the National Marine Fisheries Service's (NMFS) Greater Atlantic Regional Fisheries Office (GARFO) that it will be enforcing groundfish sector rules and the Northeast Fishery Sector IX operations plan.

Under Amendment 16 to the Council's groundfish plan, GARFO's regional administrator has authority to withdraw approval of a sector at any time he or she, after consulting with the New England Council, determines that: (1) sector participants are not complying with the requirements of an approved operations plan; or (2) "continuation of the operations plan will undermine achievement of fishing mortality objectives" of the Northeast Multispecies Fishery Management Plan.

Regional Administrator Bullard consulted with the Council on two occasions – first during the Council's June meeting in Portland, ME and then again during the September meeting in Gloucester, MA. On September 27, the Council voted to request that "GARFO immediately enforce sector regulations and the Sector IX operations plan."

"We asked them to enforce the rule, and that's what they're doing," said Council Executive Director Tom Nies. "Since 2004, the Council has emphasized repeatedly that sectors are responsible for monitoring their catch and enforcing sector provisions. Sector IX failed to comply with its own enforcement provisions when its president admitted to reporting violations."

NMFS published an interim final rule on April 28, 2017 stating it had "provisionally approved" the Sector IX operations plan for 2017 and 2018, along with the annual catch entitlement (ACE) allocated to the sector for 2017.



– New England Fishery Management Council photo



New England Fishery Management Council

Carlos Rafael, who was president of the sector at that time, pleaded guilty on March 30 to falsely reporting catch information for 13 vessels operating under the sector. However, since the Rafael case was under litigation when NMFS published the interim final rule approving all of the region's 19 sectors and their operations plans, the agency stated its intention to take "additional action" if warranted for Sector IX following settlement of Rafael's criminal case.

Rafael was sentenced September 25 in U.S. District Court in Boston to 46 months in prison, three years of supervised release, and fines. On October 11, he was further ordered to forfeit his interests in four vessels and their associated permits.

GARFO's announcement today withdrawing approval of the Sector IX operations plans means that vessels enrolled in Sector IX are prohibited from: (1) fishing on a sector trip and harvesting sector ACE; (2) fishing on a common pool trip; or (3) joining another sector.

However, the action does *not* reallocate the ACE to other sectors or to the common pool. NMFS is continuing to analyze the extent of the sector's ACE overages based on the misreporting of catch information for several stocks. The agency stated, "Any accountability measures, such as assessing and deducting ACE overages incurred by the sector, (will) be determined in a future action."

"For the future success of the sector system, fishermen and the public must be confident that sectors will adhere to management provisions."

– New England Fishery Management Council in a September 29, 2017 letter to GARFO Regional Administrator John Bullard seeking immediate enforcement of sector regulations and the Sector IX operations plan



Additional information about the criminal case is available through the U.S. District Attorney's office at:

- <https://www.justice.gov/usao-ma/pr/owner-one-nation-s-largest-commercial-fishing-businesses-sentenced-falsifying-records>

Visit the New England Council's groundfish webpage at:

- <https://www.nefmc.org/management-plans/northeast-multispecies>

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AD #1 (5/17) FOR SALE – Rapp Hydema HMN 03 w/ 3 spare motors spare hydro-hoses 2 sets of spare rollers \$5,500. OBRO 2006 Four man Elliot Life Raft last repacked in 2015 \$500. OBO 1 ACR Eperb still compliant \$200. Call Aaron @ 401-218-5764 or e-mail nbf05@verizon.net

AD#2 (5/17) WANTED-Area 2 trap tags paying \$50 -75 a tag call 508 542 5729

AD# 3 (8/17) "Attention C-Trap Customers" Conch traps for sale 20×20 & 22×22- lots of 50 to 100 Call Matt 508-758-2740

AD#4 (11/17) –WANTED-used 6" cowl muffler Call Steve @ 978-257-1062.

AD#5 (9/17)- FOR SALE PROPELLER REPAIR BUSINESS: Turn key operation serving SE New England since 1998. Prime commercial accounts. 1,700 customer list. No experience necessary, original owner/operator will train.Welding experience a plus. Mike McMillin @401-848-7877 oceanprops@gmail.com. Wicked good website: www.oceanpropsri.com, included in sale.

AD #6 (5/17) FOR SALE– 20 x 18 4 blade propeller right hand 1 1/2 inch- BRO- 508-932-0990 Tony

AD# 7 (7/17) FOR SALE- 55 ft Bruno 3406 514 gear 4 1/2 to 1 reduction aluminum fuel tanks 12.5 KW generator w/ set-up for gillnetting \$140,00.00 – Spencer Carter gill net hauler-\$6,000.00 Spencer Carter gill net flaker \$3,000.00 -40 6ft Novi scallop /dragging fiber glass motor tranny new fuel tanks \$30,000.00 Call Brian @ 781-724-4960

AD# 8 (5/17) 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, \$4,500 or BRO. (3) pieces of flexible rubber exhaust hose BO, 9'8"x2" like new SS shaft with taper and keyways \$500. 774 264 0140

AD#9 (8/17) Lobster tank wanted – capable of 150lb to 200 lb of live lobsters, please call Ted at Mr.Fish 843-267-3473 Mr.Fish Restaurant and Seafood Market 6401 North Kings Highway Myrtle Beach , S.C. 29572 Ph-843-839-3474 fax 843-712-1995 cell- 843-267-3473 www.mrfish.com Mr.Fish Sez...Stay Fishy My Friends!!

AD #10 (5/17) SERVICE – Diesel fuel cleaned – mooring diving – propeller repair – will travel call Fran 781-545-4154

AD#11 (11/17) FOR SALE- Marco B29 menhadden power block sheave with bolt on cleats ready to use \$10,000.00 OBO Call 508-272-8431

AD#12 (5/17) FOR SALE – 4 Bladed inch and a 1/2 Shaft 22×22 propeller (Excellent Condition) Call Dave @ 978-283-0944

AD#13 (10/17) WANTED – Mass State Coastal Lobster Permit (Area 1) – please call or text David 617-293-3495

AD#14 (5/17) FOR SALE Tractor trailer full of gill nets. Approximately 100 nets all stored in net bags. Mixed mesh sizes from 8"-6.5". Most are in great shape, some new. Also 24" net lifter and setting bar. I do have the roller

but it may need some welding. I would like to sell as a package for \$5,000 obo. Call or text 978-879-9110

AD# 15 (5/17)- LOOKING FOR STERNMAN – Must have transportation and experienced preferred – f/v located on South Shore of MA. – Call 508-510-7792 or 781-767-4130

AD# 16 (9/17)-FOR SALE–Hydraulic Components, parts and service.Pumps, Motors, Valves and Accessories. Hydraulic Hoses made while you wait.Great Prices – Same day service (in many cases)- Wide selection of in-stock items.Rebuilt items are occasionally available. Call ROSE MARINE, Gloucester, MASS 877-283-3334

AD# 17 (5/17) –FOR SALE- 2002 Ford F-150 pickup 4-wheel drive- needs work- has good tires/Aluminum Alloy rims-truck is drive-able-\$500.Call Herb 978-559-7849

AD# 18 (10/17) FOR SALE- 2016 T Jason 28 225hp John Deere Engine Set up for lobstering 3 foot transom extension call or text Bob Dobias @ 978.979.1795- \$70,000

AD# 19 (5/17) LOOKING TO BUY 4' traps. Good to great shape, 1.5 mesh, bridle end parlor. Damian-774-216-1500

AD# 20 (5/17) FOR SALE – 1973 East Bay Boat Works 48 ft x 16 ft beam wooden vessel, Harker's Island GM 1271 TI with a 514 2:1 twin disc. Was rigged for gillnetting, would make an excellent lobster boat. It's all hydraulic. Best reasonable offer Call Bryon at 508-728-8830

AD# 21 (5/17) – LOOKING TO BUY – 31-36 Downeast Boat set up for Lobster Calvin Beal, Flowers, Wayne Beal, RP, Mitchell Cove or H&H Call 818-277-5204

AD# 22(5/17) WANTED to buy lobster crates and fish totes call David 508-558-6861

AD# 23 (5/17) WANTED Area 2 federal lobster permit or area 2 Rhode Island state trap tags. I will take either or both. Let's make a deal. Please call John @ 401 952 4751

AD# 24(10/17)FOR SALE- 2012 Maritime Skiff 20ft 9inch t-top electronics 115 HP Yamaha hours with trailer Excellent condition \$28,000.00 508-813-8921

AD# 25 (5/17) FOR SALE – Iveco N60 ENT marine Diesel 380HP with approximately 4000 hours. Includes Harness computer and gauges. It has new injectors, turbo, and heat exchanger. Also a recent head job with new valves \$10,000.00. Call Bryon at 508-728-8830.

AD# 26 (9/17) FOR SALE – 2016 Silverado 3500HD srw 4WD reg WT. "New" truck lightly used only 5 mos. It is started on regular basis. Options: wt convenience package, Mylink auto system, Snow plow prep package, Head and curtain seat mounted side impact, Heavy duty auxiliary battery, Roof market lamps, Fisher plow and cover, (plow used 2 times only) Extended 2 yr warranty which is transferable 1500 (bought it end of July of 2016.), Sideboards and Carhart seat cover. Miles are 5800. Price \$35,500. I will pay truck off and get title once I have a commitment. Call Sandy B 617-846-2202

AD# 27(10/17) FOR SALE– 30 , 34 inch lobster traps . Fished for 2 years , FURNITURE GRADE . asking \$50 a piece. Can contact by phone at (617) 688-5434 between

the hours of 5pm-8pm or by email , fwindsong@gmail.com

AD# 28 (12/17) HELP WANTED(ASAP) –Stern-man wanted for a lobster boat in Hingham MA Call Dave @ 781-608-9672

AD# 29 (5/17) FOR SALE – 2010 Chevy 2500 refrigerated van, with plug in unit. Has minor rust, but runs great. I have pictures if interested. Asking 16,000.00 or BO Call Mike @ 781-724-3400 or e-mail @ mlane2112@yahoo.com

AD# 30 (5/17) WANTED– AREA 2 TRAP TAGS – CALL 508-274-7096

AD# 31 (5/17) FOR SALE –22 ft Tuna Tower & pulpit \$1,000. 4 inch dry exhaust & heat shield \$500. Call 508-280-3038

AD# 32 (5/17)FOR SALE-43 blue mackerel barrels with covers,no reasonable offer refused. 508-990- 6706

AD# 33 (7/17) FOR SALE–400 New rainbow whelk pots ready to fish. 35\$ each. Mike 914-438-3197 or email: jenobertlik@yahoo.com

AD# 34 (8/17) FOR SALE– 35 FT Duffy 1987 Lobster Boat (Dogfish/Lobster Hydraulics) Full 2013 Simrad electronics suite 3D structure scan triple frequency down score sonar 4G radar Pretty new fiberglass MA state permit 59,000.00 OBRO 619-987-2192 Clark

AD # 35 (5/17) FOR SALE– Coil rope cooker-\$50.00 from the holdings of Gary Ostrom (former M.L.A. V.P.) killed in a tragic accident. Money will be donated to the M.L.A. Scholarship fund. Call M.L.A. @ 781-545-6984

AD # 36 (6/17) FOR SALE – 32. Edward W. Davis 48 foot by 16 foot beam wooden vessel. It has two 671's and 509 twin disc transmissions. Has all hydraulics and Robinson autopilot. Could also make an excellent lobster boat. \$20,000.00 or best offer. Call Bryon at 508-728-8830

AD# 37 (12/17) 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# 38 (7/17) FOR SALE-35 Duffy lobster conch 315 hp cumins (3years old 1600 hrs) Full electronics and safety gear Aluminum trap fence and setting table Call or text for more info or pics 609-780-5455 John. \$90,000

AD#39 (6/17) FOR SALE 1985 24 privateer lobster boat with a 2013 383 merc strocker 350hp.It has a 12 inch hydraulic hauler, aluminum trawl shoot, vhf radio, loran, gps, 2014 5starr trailer. Call Bill @ 617-688-7026 \$13,500. OBO

AD#40 (10/17) FOR SALE- Lee- extra strong outriggers 22 ft long Ideal for a lobster boat \$450.00 508-813-8921

AD#41 (9/17) FOR SALE- 1968 34 ft., Webers Cove fiberglass hull 1995 jVolvo Penta 230 H.P. inboard diesel restored in 2015 very clean, brand new- Simrad NSS8 4-G radar, set up for lobstering custom davit \$29,000.00 OBO 508-228-1243

MLA CLASSIFIEDS

AD#42 (5/17) FOR SALE- BUNGEE CORD ON SPOOLS. Made in New England area. Call Jonathon "Mr. Bungee" 401-447-7973 or Jon@marineropeinternational.com 5/16" x 300'ft \$35.00/spool 5/16"x 500'ft \$50.00 spool All sizes, colors to choose from. Located in Cranston, RI

AD#43 (10/17) Looking to buy ASAP- Black Sea Bass and or Scup potting permit for MA waters. Interested in buying both or just one, with or without boat and or gear. Any leads would be appreciated (617) 943-1411.

AD#44 (10/17) FOR SALE-Ma. Conch Pot license with 200 wire pots 3 sinko runners excellent condition, trawl lines ,buoys. 508 996 1001

AD#45 (6/17) FOR SALE - Used lobster pots - 3' with rope - shrimp mess heads...\$15 each call 617-688-0914

AD#46 (9/17) FOR SALE- Propeller 29 x 24 x 2 1/4 RH \$475.00 - Clutch Master(fits GM engines) w/24 GPM HYD pump \$450.00- 10 inch Electrodyne hauler1/2 HP re-built motor \$500.00. 2 -5 ton Hancock Trawl blocks 8 inch sheaves 2 2/3 in throat \$175.00 each or 2 for \$300.00 Call Dave @ 508-385-2063 Cape Cod

AD#47 (9/17) FOR SALE- 100- 4 ft lobster traps 2 years old Call Diamond Jim @ 978-994-5506

AD#48 (10/17) FOR SALE- Pot Hauler electric dyne extra duty gear 10 inch stainless steel sheaves custom made A frame aluminum diver control and gauge electric wire \$1,600.00 505-813-8921

AD#49 (11/17) PLACE YOUR AD HERE

AD#50 (10/17) Wanted-Area 3 federal permit, any allocation, ready to buy, call or text 207-841-2399 (leave msg) Joe

AD#51 (6/17) FOR SALE- 3 propellers 1 Michigan Dyna-Quad 21"x 21" 4 Blade RH 1 3/4 shaft \$250.00 - 1 Federal 21"x 22" 4 Blade RH 1 1/2" shaft \$300.00- 1 1/2" Jabasco Raw Water Pump 2 extra pump housings 1 1/2" rebuild kit extra adapter plate for 71 series G.M. Diesel \$350.00 Takes all Jabasco parts. 2 valve head for 671 G.M. \$250.00 - 1 Plastimo 6 man inshore life raft \$300.00 1 Wagner B-2 Helm pump rebuilt \$300.00 2 canor plarex 4' balls (fenders) \$100.00 each Call 401-245-6441

AD#52 (8/17) FOR SALE- 165 GILL NETS-8.5-6.5 ALL 65LB LEAD LINE -DEEP WATER FLOATS. CALL 603 501 0116

AD#53 (5/17) HELP WANTED - GLOUCESTER, NORTH SHORE. STERNMAN - LOBSTER BOAT Experience preferred. Must be hard working with fast hands. Non- Smoker, Non- Drinker. Completely Drug free. Must have own vehicle. Leave Name and phone number. Mike - 781-249-2818. No calls after 6 p.m.

AD#54 (12/17) 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#55 (12/17) PLACE YOUR AD HERE

AD#56 (5/17) FOR SALE- 4 FT lobster traps Approx. 100 of them \$20.00 each Brian 781-724-4960

AD#57 (10/17) FOR SALE - 6' Scallop frame, heavy duty and in new condition asking \$1500 OBO Herb 978-559-7849 (home) 978-525-8496 (cell)

AD#58 (9/17) FOR SALE- 30 ft 1999 Young Brothers Lobster/ Tuna Boat- 220 John Deere-SS Hauler Furuno Navnet radar -mast and pulpit- rod holder / chiller/ raft etc., Clean fast boat 100,000 Call 207-363-8279

AD#59 (10/17) FOR SALE- 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. \$290.00 Call 508-269-1406

AD#60 (6/17) 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 Contact Ed @ 508-880-3600 or e-mail edmonds@att.net

AD#61 (5/17) Diving Services-I'm a certified diver that has been working on and under the water my whole life (30years). No job to big or too small I do it all. Hull/Bottom: cleaning/ scrapping, repairs, inspections. Prop/Rudder: replacement, de-tanglement, debris removal, repairs, inspection. Keel: repairs, inspections, cleaning. Also any mooring repairs, removal, inspections. I have two small work boats, one trailer and a inflatable, so I can get anywhere and get the job done. Willing to travel anywhere on the New England coast. Call Now and save money on hauling out. FREE estimates!!!! Text or call Bucky (339) 205-6633

AD#62 (11/17) FOR SALE- 80 traps-36x22 shrimp mesh heads w/rope. Ready to go. \$20.00 Call Matt 339-613-7122

AD#63 (11/17) FOR SALE-turn key fishing daily 35ft novi 3208 cat. 506 gear low hours on engine simara auto pilot,furuno radar,north star plotter,furuno sounder, split pilot house,14 in hauler, state commercial lobster lin.400 3ft lobster traps-\$68000 call- 978 283 7252

AD#64 (4/17) FOR SALE- Bunkers/Menhaden Bait- Fresh bunkers cast netted or gill netted daily in Branford CT., Hard and iced in brine for fishing bait .50 cents each. Lobster bait \$25.00 per totes or lightly salted in blue drums \$55.00 Call 203-488-6926

AD#65 (5/17)Commercial Partnership Available- I own a Commercial Coastal lobster license, LMA Area 1 with 800 lobster trap allocation. Looking for a partner Call 781-233-1608 M-Sat @3:00 pm

AD#66 (5/17) 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#67 (5/17) FOR SALE- 250 traps 36 x 24 x 14 Selling as a unit will not break up-\$5600 or BO. Call Kevin @ 508-951-6400

AD#68 (5/17) FOR SALE- Used wire lobster traps \$10.00- each/ lots of 10 -used 3/8th sinking line .60 per pound 401-635-4371 ask for Jim

AD#69 (5/17) FOR SALE- 42 FT., Bruno Stillman- Gill net boat easily converted to a lobster boat 3306 Caterpillar 509 twin disc gear 26in square wheel w/ 2 in stainless shaft -fiber glass tanks- 4 bunks \$40,000.00 OBRO Brian 781-724-4960

AD#70 (11/17) WANTED-Mass State Coastal Lobster Permit (Area 1) call or text Robert 617-417-9630

AD#71 (6/17) FOR SALE-Two pair of bison trawl doors #4 hot dipped galvanized both pair \$2000 firm call john 912 409 6274

AD#72 (9/17) FOR SALE- \$500.00 Super Haul \$1.50 per pound Window Weights .20 per pound Minimum 1000 pds Call 508-813-8921

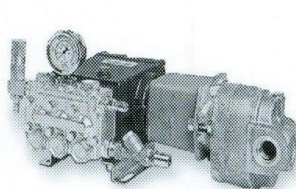
AD#73(8/17) FOR SALE- Stainless Steel exhaust pipe 3 -7/8th inch ID 4 inch OD 24 inch height 2- 45 degree angle 24 inches long from angle \$100.00 Call Anthony 508-932-0990

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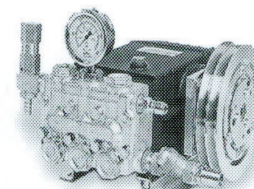
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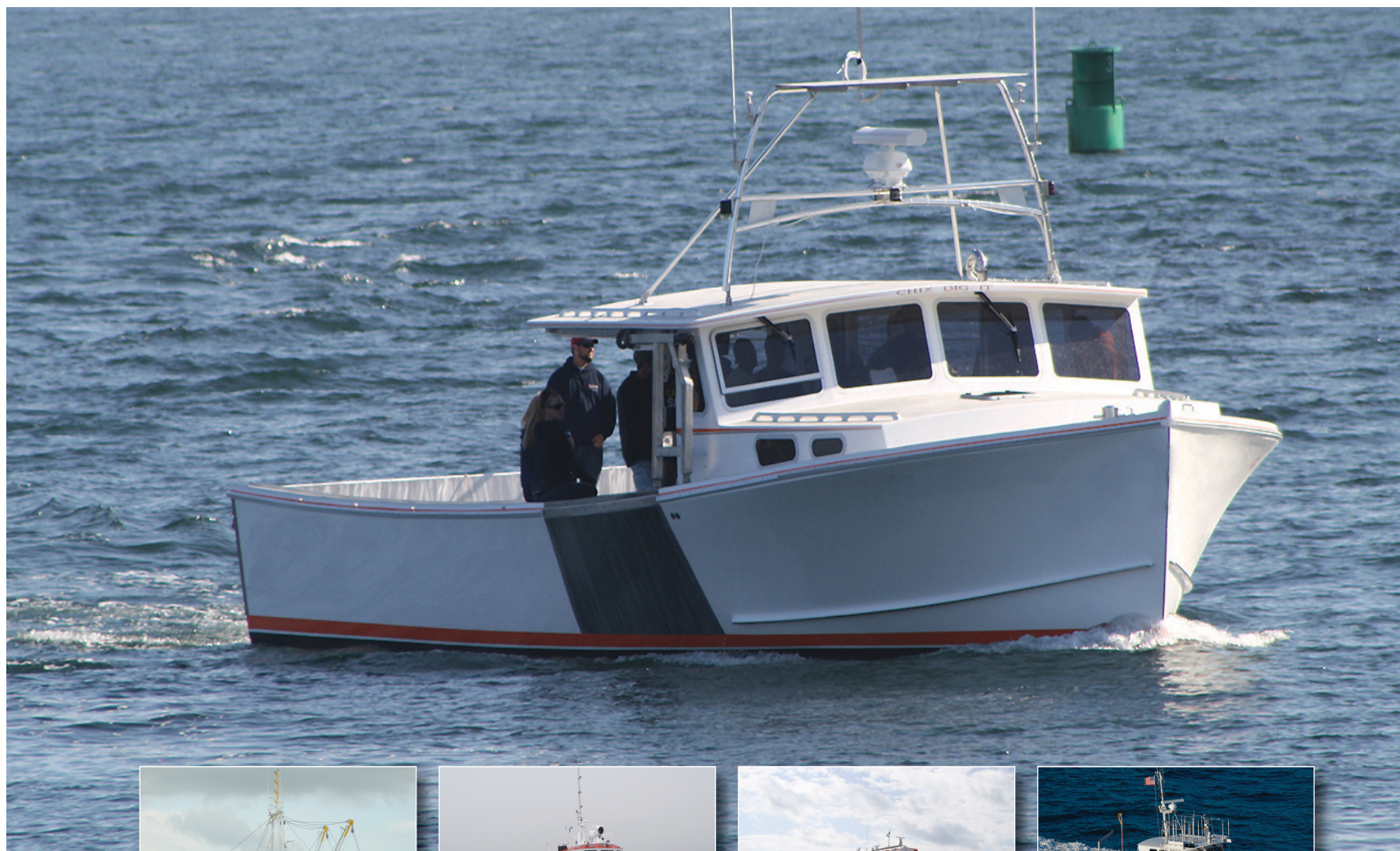
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