

# **Marine Fisheries Administration Monthly Report**

***NOVEMBER 2021***

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## **\*\*MARINE FISHERIES\*\***

### **ASMFC/MAFMC/COOP/NOAA**

- Staff submitted the annual winter flounder compliance report to ASMFC. Staff also assisted the winter flounder compliance review team.
- Staff submitted the final ACCSP grant report for FY2020.

### **MEETING SUMMARIES**

- **Atlantic States Marine Fisheries Commission-ASMFC (TC, SAS, Boards)**
  - Administration staff chaired a meeting of the bluefish Technical Committee (TC). The purpose of the meeting was to review state and agency data that could be used in support of the planned 2022 research track assessment. The TC reviewed all state and agency data, as well as made recommendations as to which data sets they would recommend incorporating into the 2022 assessment.
  - Administration staff met via conference call with the bluefish stock assessment working group. The main topic of conversation was to review outcomes of the bluefish technical committee data review. Other topics of discussion included continuing development of a spatially-explicit forage fish / availability index.
  - Administration staff participated in a meeting of the MAFMC/ASMFC FMAT/PDT. Major topics of discussion included: discussion of how to set measures at each step of the harvest control rule (HCR), including the role of acceptable catch limit and recreational harvest limit, discussion of conservation equivalency in relation to HCR options, and potential implementation dates. The group's goal is to have a public hearing document available for Council and Board consideration at their February 2022 meeting.
  - The ASMFC held the Peer Review Workshop for the revision to the Horseshoe Crab Adaptive Resource Management (ARM) Framework on November 16-18. The peer review panel unanimously supported moving forward with the revision for management use and will submit their final report and recommendations in December. The ARM Subcommittee will work to incorporate some of these recommendations in time for the Framework revision presentation to the Board at their January meeting. If the revision passes Board review, the remaining recommendations will be incorporated into the revised Framework prior to commencement of the Addendum process.
  - Staff continue to work with the ASMFC's Atlantic Sturgeon Ageing Sub-committee for moving forward with an ageing workshop in the next year or so. A set of age samples from along the coast has been compiled and will be going out to participating agencies for ageing starting this month. New Jersey is scheduled to receive and age the samples in late March.
  - An ALWTRT meeting was held on November 2nd. The purpose of the meeting was to update the team on Right Whale population and Mortality Estimates. Updated 2020 estimates are about 336 individuals, which accounts for an estimated loss of 30 individuals between 2017-2019. Between 2015-2019, an estimated mortality rate of 6-9% of the population was experienced annually.
  - The Striped Bass Plan Development Team (PDT) met on November 16<sup>th</sup> to discuss the October Board tasks to continue the development of Draft Amendment 7. Majority of the discussion involved identifying size/slot limits to inform projection development by the TC for the Chesapeake Bay recreational fishery to protect the 2015-, 2017-, and 2018-year classes. Three measures were selected: Add. VI status quo (18" min.), a Draft Add. VI alternate option (18" to <23"), and a larger slot option (18" to <28"). Lastly, discussion took place to clarify the Board task of adding rebuilding plan options to the Draft Amendment.
  - The PDT met again on November 30<sup>th</sup> to continue the development of Draft Amendment 7. Majority of the discussion involved modifying the recommended projection scenarios for the TC to focus

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analysis on scenarios that would change both the Ches. Bay and ocean measures to protect more fish that would fall between the Ches. Bay slot and the ocean slot/size. Discussions also continued regarding conservation equivalency (CE) options for the year class section and options related to the Board's concern about the F threshold trigger when there is less than 3 years of data available for the most recent management action.

- Staff attended a Recreational Technical Committee conference call to discuss the Comprehensive For-hire Data Collection Program's Certification Document.
- **Mid-Atlantic Fisheries Management Council-MAFMC**
  - The Illex Research Track Working Group met via webinar on November 15<sup>th</sup> to review Landing Per Unit Effort (LPUE), get an update on the Depletion Model Work, review the Aging and Trace Elements study, discuss environmental drivers, as well as plan for December and January tasks.
  - The Butterfish Research Track Working Group met via webinar on November 16<sup>th</sup> to review and discuss habitat, reference points, stock status, projections, outreach, and seabird consumption of butterfish.
- **Miscellaneous**
  - The Delaware River Cooperative's Shad SFP sub-group met on Wednesday November 10<sup>th</sup> to continue their work on updating the SFP for the 2022-2026 tenure. Members worked on finalizing the updated indices benchmarks and management triggers to be presented to the Policy Committee for consideration at their December 1<sup>st</sup> meeting.
  - Staff attended NOAA Fisheries' Marine Recreational Information Program's second data user seminar on Tuesday, November 30. The training session provided an overview of the Marine Recreational Information Program's survey designs and statistical methods, with a focus on the program's three general fishing surveys: APAIS, FES, FHTS. Participants learned about the component estimates produced from each survey, as well as how these component estimates come together to produce estimates of total recreational catch and effort.

### INDEPENDENT FISHERIES

- **Delaware River Seine Survey**
  - The 2021 Delaware River seine survey completed sampling on November 1. Preliminary data shows that 325 striped bass were caught in 191 hauls, with 295 measured as young-of-year (91%). The annual YOY index (geometric mean) is 0.647, which ranks #29 out of the 41-year time series. This index is less than the 2019 index of 1.29 (no sampling in 2020) and the timeseries average of 1.131. Data is currently being validated for accuracy.
  - Ongoing engine issues on the Privateer are scheduled to be addressed prior to moving the boat to Ponder for winter storage.
- **Eel Surveys**
  - Wear plates to protect the port side gunwale are scheduled to be installed on the Yellow Eel Pot Survey Maycraft over the winter, prior to Spring 2022 sampling.
- **Herring Surveys**
  - Staff sat in on a webinar present by the Massachusetts Division of Marine Fisheries highlighting the results and ongoing efforts of recent river herring research from along the east coast titled, "What a Decade of River Herring Research Has Taught Us." Topics of discussion included fish passage research, habitat restoration projects, and tagging efforts.
- **Ocean Trawl**
  - The R/V Seawolf is repaired and has returned to service. The January Ocean Trawl Survey is scheduled to begin January 15<sup>th</sup>. The survey will employ approved covid safety protocols in

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addition to protocols required by Stonybrook University to allow for the safest possible resumption of survey operations.

- **Sturgeon Receivers**

- The acoustic telemetry receivers deployed in the Delaware Bay were hauled out of the water for the year on Wednesday, November 10th. Preliminary data shows a total of 69,513 detections from 66 Atlantic sturgeon, 20 sand tiger sharks, 16 sandbar sharks, 8 striped bass, 1 American shad, 1 cobia, 1 roughtail stingray, and 269 individual tags that are as of yet unidentified. The receivers are in the process of being cleaned for winter storage with an anticipated redeployment date in March of next year.
- Staff submitted a revised version of the final sturgeon project report based off of feedback on the initial draft from NOAA Fisheries. The revised final report satisfied all of the comments and requests from NOAA and was accepted as complete.

## **DEPENDENT FISHERIES**

- **Access Point Angler Intercept Survey-APAIS**

- The draw for November consisted of 129 site assignments, 28 of which are add on assignments for 2021 and 5 headboat assignments (4 completed, 1 canceled).
- November produced 459 intercepts. The site-based assignments yielded a total of 408 intercepts (88 SH, 84 CH, 236 PR) and headboat sampling yielded 51 intercepts.
- Staff continue to make updates to the Vessel Directory and Site Register in preparation for 2022 sampling.
- November mileage has been validated submitted for reimbursement.
- Staff are concluding purchases for the 2021 calendar/2022 fiscal year.
- Training dates for 2022 APAIS Field Sampling are scheduled February 23-24, 2022.
- Fishdump data from October were reviewed.

- **Artificial Reef**

- Staff has acquired the 95-foot tug boat “NEW ENGLAND COAST” in the form of a fully funded project by the ship’s owner. Preparation arrangements have been made which will occur in Virginia once the vessel has been successfully transported from Delaware. A reef site has yet to be identified for the tugs final resting place though there are several being considered.
- Staff completed the NJ Ventless Trap Survey for the 2021 season. Sampling was completed without undue complications, data will be assimilated and reported during the first quarter of 2022.

- **Biological**

- Biological sampling continues for Atlantic menhaden and American eel. To date, 940 menhaden and 57 American eel have been processed.
- Staff began collecting tautog racks throughout the state.
- Staff met on November 15 to discuss biological sampling plans for American eel during 2022 (Yellow Eel Pot Survey and commercial fishery). Staff finalized a robust sampling plan which will include collecting biological data more efficiently, including sex data.

- **Commercial Fisheries/Quota Management**

- Summer flounder: The Directed Season 6 trip limits were increased on November 1st to account for an undervest experienced in Season 5. Harvest to date is 36% of the adjusted Season 6 quota of 637,309 pounds.
- Black Sea Bass: The Directed Season 6 also began on November 1st. Harvest to date is 35% of the adjusted Season 6 quota of 321,256.

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- Menhaden: The commercial Purse Seine fishery has harvested 99.7% of its adjusted quota. Fishing in the southern region of the state concluded on November 9th for the year. Harvest for the “other gear” types is 68% of the allocated quota. Total commercial harvest is 98.1%.
- Bluefish: Harvest to date is 86% of the adjusted commercial quota of 260,409 pounds.
- Scup: Winter II harvest is currently 22% of the adjusted coastwide quota. NJ accounts for 19% of those landings with 286,293 pounds.
- Spiny dogfish: Current harvest is 40% of the 2021/22 commercial quota. Effort has expectedly increased with 910,012 pounds landed through November.
- Staff completed numerous data request for ASMFC and state biologist. Requested species included multi- species, American shad, black drum and winter flounder.
- **For-Hire Telephone Survey-FHTS**
  - Staff contacted 78 vessels out of 168 resulting in a response rate of 46.4%. Roughly 403 calls were made to captains and vessel representatives. Most surveys were reporting boats being winterized and ending their season which is common in Wave 6.
  - Wave 6 has a decreased call list which allows for staff to transition over to vessel directory management. Staff took time to review vessel information from the year and make changes to the directory as needed. Staff reviewed vessels that have not been able to be contacted and searched for reasons why. Staff explored solutions to get in contact with those vessels or make them ineligible for future sampling.
- **NJ Saltwater Recreational Registry Program-NJSRRP/Volunteer Angler Survey-VAS**
  - As of November 30, 2021, there were 143,191 individuals and 739 for-hire vessels registered for 2021 with the New Jersey Saltwater Recreational Registry Program (NJSRRP). (Last month: October 27, 2021, there were 140,587 individuals and 726 for-hire vessels registered for 2021).
- **Striped Bass Bonus Program-SBBP**
  - Staff sent an email via GovDelivery to all 2021 SBBP participants as a reminder of the reporting requirements to maintain eligibility for 2022. Staff have issued 11,550 permits to individual anglers. Additionally, 147 party/charter boats have been issued permits. The current 2021 bonus harvest is 27,382 lbs. from 4,260 fish, which represents 12.7% of the quota. Party/charter boats have harvested 3,615 fish and individual anglers have harvested 645 fish.
- **Tournament Sampling**
  - Tournament Sampling: Staff attended two weigh-ins for the Jersey Coast Shark Anglers Striped Bass Tournament in November which was the final tournament of 2021. Staff measured and weighed 20 striped bass and 1 bluefish. In 2021, a total of 27 striped bass and 1 bluefish were measured during 4 tournament weigh-ins. Scale samples were collected from the striped bass. Many tournaments were cancelled during 2021 due to the ongoing COVID-19 pandemic.
  - Party/Charter Boat Sampling: Staff sampled aboard the F/V Queen Mary on November 17th, which was the first at-sea party/charter boat sampling trip since COVID began. Staff measured and weighed 98 striped bass and 1 bluefish. Scale samples were taken from 63 striped bass and otoliths were collected from 10 fish. Staff sampled 37 bluefish from two additional party/charter boat trips in November. In total, 200 bluefish and 98 striped bass were measured during six party/charter boat trips in 2021. Age samples were collected from 199 bluefish and 63 striped bass.

## OUTREACH

- Edits for portions of the Marine Digest that get updated annually were submitted to the editor on November 16. Updates to New Jersey and Federal regulations, record fish lists and online map services are due on November 30.

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## ADMINISTRATION/MISCELLANEOUS

### • Regulatory/Legislative

- Notice of Administrative Changes (NOAC):
  - A NOAC modifying the tautog commercial requirements is under review with the OLA. The Menhaden Multispecies Rulemaking must be adopted before this rule can be changed via NOAC.
- Rulemakings
  - The Menhaden Multispecies Rule Adoption was filed with the Office of Administrative Law on November 10, 2021. The adoption was not published in the NJ Register on December 6, 2021, as expected. The anticipated publication date is December 20, 2021.
  - The MFA rule team is drafting a new rulemaking proposal to amend N.J.A.C. 7:25-18.1(p) to include “gear types and gear restrictions” within the list of provisions authorized to be changed by notice to meet ASMFC Atlantic Coastal Sharks Board requirement to use non-offset, corrodible, non-stainless steel circle hooks when fishing for sharks recreationally in state waters, except when fishing with flies or artificial lures.
  - MFA rule team continues to develop a new multispecies rule proposal amending N.J.A.C. 7:25-18.5A Artificial reefs, along with other subchapters and sections pertaining to marine fisheries. Marine Fisheries-related rules will be reorganized under N.J.A.C. 7:25B.
- Legislative Activity
  - S4148 – Appropriates \$54.5 million from constitutionally dedicated CBT revenues for recreation and conservation purposes to DEP for State capital and park development projects. Introduced and referred to Senate Environment and Energy Committee on 11/15/2021. Hearing on 12/9/2021.
  - S4155 – Appropriates \$49.932 million from constitutionally dedicated CBT revenues to DEP for State acquisition of lands for recreation and conservation purposes, including Blue Acres projects, and Green Acres Program administrative costs. Introduced and referred to Senate Environment and Energy Committee on 11/15/2021. Hearing on 12/9/2021.
  - S4152 – Appropriates \$14,687,510 to DEP from constitutionally dedicated CBT revenues for grants to certain nonprofit entities to acquire or develop lands for recreation and conservation purposes. Introduced and referred to Senate Environment and Energy Committee on 11/15/2021. Hearing on 12/9/2021.
  - S4085/A6147 - Exempts commercial shellfish producers from prohibition on taking shellfish on Sunday. 11/15/2021 Reported from Senate Committee, 2nd Reading; 12/6/2021 Introduced, Referred to Assembly Agriculture Committee.
  - S4097/A6094 – Extends Right to Farm Act protections to certain aquaculture activities. 11/15/2021 Reported from Senate Committee, 2nd Reading; 12/6/2021 Introduced, Referred to Assembly Agriculture Committee.
- Congressional Activity
  - HR5957 – To reduce risks to marine mammals, and for other purposes. Introduced in House on 11/12/2021, referred to Subcommittee on Coast Guard and Maritime Transportation on 11/15/2021.
  - S2923/HR5453 – Fishery Resource Disasters Improvement Act: To improve the Fishery Resource Disaster Relief program of NMFS, and for other purposes. Subcommittee on Water, Oceans, and Wildlife Hearing on 11/16/2021, Mark-up session held, ordered to be reported by voice vote on 11/17/2021.

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- HR3128 – American Fisheries Advisory Committee Act of 2021. To establish the American Fisheries Advisory Committee to assist in the awarding of fisheries research and development grants, and for other purposes. Subcommittee on Water, Oceans, and Wildlife Hearing on 11/16/2021, Mark-up session held, ordered to be reported by voice vote on 11/17/2021.
- S273/HR404 – Driftnet Modernization and Bycatch Reduction Act. This bill addresses certain driftnet fishing. Driftnet fishing is a method of fishing in which a gillnet composed of a panel or panels of webbing, or a series of such gillnets, is placed in the water and allowed to drift with the currents and winds for the purpose of entangling fish in the webbing. Currently, the use of large-scale drift gillnets with a total length of 2.5 kilometers or more is prohibited in the United States. The bill expands the definition of large-scale driftnet fishing to prohibit the use of gillnets with a mesh size of 14 inches or greater. This expanded prohibition does not apply within the U.S. exclusive economic zone for five years. The Department of Commerce must conduct a transition program to facilitate the phase out of large-scale driftnet fishing and to promote the adoption of alternative fishing practices that minimize the incidental catch of living marine resources. Commerce must award grants to program participants. Subcommittee on Water, Oceans, and Wildlife Hearing on 11/16/2021, Mark-up session held, ordered to be reported by voice vote on 11/17/2021.
- HR5770 – Forage Fish Conservation Act of 2021. Subcommittee on Water, Oceans, and Wildlife Hearing on 11/16/2021.
- **Scientific Collection Permits**
  - Sixty-four scientific collecting permits have been issued for 2021 and one for 2022.
- **HOT TOPICS/Miscellaneous**
  - NJDFW Conservation Police Officers confiscated 60 striped bass on November 20th. MFA staff collected biological data and paired-age samples from all 60 striped bass.

### **\*\*SHELLFISHERIES\*\***

#### **Offshore Wind Development**

- Staff continued to support the Administration's offshore wind development goals by participating in the Research and Monitoring Initiative, Federal Consistency Review for Atlantic Shores, training in GIS, attending stakeholder meetings, collaborating with colleagues from other state and federal agencies, permitting meetings with developers, attending the virtual offshore wind sessions at the Annual American Fisheries Society meeting, and facilitating collaboration between developers on fisheries issues.
- **Research and Monitoring Initiative (RMI) team**
  - The RMI team made progress in identifying and funding critical research to support resource management during offshore wind development. Internal meetings were several times per week.
  - Rutgers is involved in various aspects of offshore wind research that are prioritized by the RMI, including ocean observation, oceanographic and ecological monitoring of the Cold Pool, and supporting the continued operation of the surfclam fishery.
  - The RMI met with Rutgers staff and faculty to discuss opportunities for collaboration, including development of a data portal for offshore wind research and mapping of existing offshore wind research.
  - A blanket contract with Rutgers University is in preparation and individual task orders are being prepared for surfclam and ocean monitoring projects.

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- The RMI team has also reached out to Stockton University and is following up on supporting a proposal from Montclair University to study changes in recreational fishing related to offshore wind.
- A request for proposals is being developed to fund passive acoustic monitoring for large whales.
- **Ocean Wind and Atlantic Shores Project Monitoring Plans**
  - Staff have been working with Ocean Wind and Atlantic Shores as they develop their project monitoring plans. This cooperative approach has been facilitated by the positive relationship built with developers by the Permitting and Project Navigation staff and internal offshore wind permitting team. Collaboration on monitoring is important to provide information on offshore with that extends beyond a single project footprint.
  - Developers shared that they were limited by the OREC process in collaborating with each other on monitoring. On November 18, the RMI team met with both developers to begin collaboration on data standardization and project design.
  - Moving forward, we intend to meet on individual aspects of monitoring plans to find opportunities for consistency in approach. This effort could pave the way for a collaborative approach to project monitoring for future offshore wind projects.
- New York's power purchase agreement required that developers share and engage with stakeholders on monitoring and mitigation; staff will suggest that the Guidance for New Jersey's 3<sup>rd</sup> Solicitation include this prerequisite to ensure stakeholder engagement.

### **MFA Outreach, Education, and Communications**

- **MFA Website Committee**
  - The MFA Website Committee members continue to work on updating and creating content for various MFA webpages. The committee also submitted an outline for the Marine Conservation Webpage.
- **New Jersey Seafood Finder Story Map**
  - The NJ DEP, Division of Fish and Wildlife staff in collaboration with the NJ Department of Agriculture, Rutgers Cooperative Extension, and NJ Sea Grant Consortium representatives continue to work on expanding the story map to include more retail markets, wholesale distributors, delivery/pick-up businesses and restaurants who sell seafood that has been landed, grown or harvested in New Jersey.

### **Meetings**

- Staff attended a Shellfish Working Group meeting hosted by the Barnegat Bay Partnership. Staff provided an update on the current status of the MFA Shell Recycling Program as well as the Sea Grant/ SOAR oyster plantings. Staff will continue to coordinate with BBP staff and other attendees on a potential shell recycling committee to help establish best management practices and standards for NJ shell recycling.
- **Delaware Bay Section of the NJ Shellfisheries Council (DBS)**
  - Bureau staff hosted the virtual Council meeting on 11/9/21. Notable topics discussed included lease ground transactions, 2022 lease renewals, lease holder compliance, a DBS seat on the Aquaculture Advisory Council, Nantuxent Creek channel dredging, the Leasing and Consolidation Committees, Direct Market Harvest and tonging industry updates, shell plant contract update, entities wanting Sunday harvest for commercial shellfishing, and the 2022 DBS meeting schedule.
- **Delaware Bay Leasing Committee**
  - On November 15th, 2021, Staff facilitated a Delaware Bay Leasing Committee meeting.
  - The following topics were discussed at the meeting: Review of the Committee's charge; a timeline line of what has been discussed at previous meeting over the past two years; proposals for updates



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to the Delaware Bay Leasing Policy; a review of what the Atlantic Coast Leasing Committee has been discussing; and a discussion on the Bureau's perspective on establishing lease utilization.

- The meeting ended with a series of questions to gain some insight on the Committee's perspective on the need to establish lease utilization requirements for Commercial Shellfish Leases in the Delaware Bay.
- The next Delaware Bay leasing Committee is scheduled for January 18th, 2022. The Bureau is hoping to provide both in person and virtual attendance options for the upcoming January meeting.

### **Surveys/Laboratory**

- **Dermo Disease Monitoring**

- Staff successfully sampled oysters from the Delaware Bay seed beds to monitor the oyster disease dermo on 11/17/21. Staff worked with Rutgers Haskin Lab staff and utilized COVID safety protocols. This completed the 2021 dermo sampling.

- **Shell Plant and Intermediate Transplant Site Monitoring**

- Staff monitored enhancement sites from projects conducted by the Bureau from this year and the previous two years on 11/24/21. These sites include the Intermediate Transplant Program and the Shell Plant Program. Staff worked with Rutgers Haskin Lab staff and utilized COVID safety protocols. This completed the 2021 sampling.

### **Restoration, Enhancement, Mitigation, and Habitat**

- **Shell Recycling Program**

- Staff continues to coordinate with Shell Recycling Program participants for weekly shell pickups.

- **Living Shorelines and Habitat Projects**

- Staff attended the New Jersey Bay Island Initiative meeting. The meeting focused on and provided updates on the Bay Island Restoration Planner (online mapping tool). The Nature Conservancy (TNC) discussed plans to continue testing and modifying the tool based on input from group members as well as organizations they have reached out to. Staff will continue to work with TNC on data sources for the tool as they pertain to shellfish and SAV.
- Staff attended the virtual North/ Mid-Atlantic Habitat Workshop hosted by Manomet and the Coastal States Organization. State & federal government, Universities, and Non-government organizations were in attendance. The workshop focused on the beneficial use of sediment to improve habitat along the coast. It heavily discussed shore birds and the opportunities for bird habitat presented by beneficially reusing sediment. Additionally, many current projects were discussed along with lessons learned and paths forward for future projects.
- Staff reviewed and compiled comments from MFA's Environmental Review Group on a proposed bridge mitigation project in Long Branch. The project intends to stabilize a shoreline within Troutmans Creek using vegetated plantings and a stone revetment.

### **Aquaculture and Shellfish Leases**

- **Shellfish Aquaculture Working Group – Commercial Shellfish Aquaculture Website Committee**

- Bureau of Shellfisheries staff and representatives from various agencies involved in commercial shellfish aquaculture permitting, regulations, and outreach continue to work on finalizing the NJ Commercial Shellfish Aquaculture website design and content.

- **2022 Shellfish Lease Renewal Period**

- The 2022 shellfish lease renewal period started October 15th, 2021. The renewal process was being done through the mail due to the shellfish offices being closed to the public. The Bureau of Shellfisheries mailed each leaseholder their lease renewal package prior to October 15th. This

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package included the lease renewal document(s), application for the 2022 commercial shellfish license and other documents that must be signed for renewal.

- Each leaseholder must mail in their complete application prior to the deadline of December 31st. The leaseholder must complete and sign the lease renewal documents along with a check for the lease fees, lessee renewal fee and commercial shellfish license fee to the respective section office.

### **Commercial Fisheries/Quota Management**

- **Direct Market Harvest Program**

- As of 11/19/21, the Direct Market Harvest Program had its last call-in report and ended with approximately 114,650 bushels of reported harvested of the 116,320 bushel (bu.) quota.
- Approximately 26,800 bu. were harvested from the Medium Mortality region which closed on 10/1/21.
- Approximately 41,400 bu. were harvested from the Shell Rock region which closed on 7/29/21.
- Approximately 46,385 bu. were harvested from the High Mortality region which temporarily closed on 7/26/21 and reopened on 10/1/21.
- The season closed as scheduled on 11/26/21. The call-in, weekly, and dealer reports will be proofed, and the final harvest will be tallied.

### **Buildings, Grounds, Vessels, and Vehicles**

- **Boat Maintenance**

- Bureau staff continue to maintain the R/V James W. Joseph and R/V Zephyrus by performing regular maintenance, repairs, and equipment upgrades as necessary.

### **Administrative/Miscellaneous**

- **License Sales**

- License sales for the Delaware Bay Office were \$27,938.00 in November 2021. Lease fees made up about 49% of sales since lease renewals were being conducted. Other revenue included tonging tags and licenses and permits being renewed for 2021 and 2022.
- Staff attended virtual ArcGIS Pro training. The training provided an overview of the program basics and its capabilities. Staff will continue to work in the program regularly to become more familiar and proficient in using it.