

**COMMONWEALTH OF MASSACHUSETTS
BOARD OF UNDERWATER ARCHAEOLOGICAL RESOURCES
FINAL MINUTES OF PUBLIC MEETING – JULY 25, 2024**

MEMBERS PRESENT:

Jack Chapin* (Designee of Shaun Santos, Director of Environmental Law Enforcement)
Justin Malcolm* (Designee of Brona Simon, State Archaeologist)
Vincent Malkoski* (Gubernatorial Appointee, Dive Community Representative [organization])
Mark McClanan* (Gubernatorial Appointee, Dive Community Representative [at-large])
Jonathan Patton* (Designee of Gregory Robbins, Director of DCR Division of Waterways)
Daniel Sampson* (Designee of Alison Brizius, Director of Coastal Zone Management)
John Warner* (State Archivist)
(*present via remote access)

David Robinson, Director (Staff for the Board)
Patrice Bordonaro, CZM Administrative Assistant/Meeting Co-Host

MEMBERS ABSENT:

Graham McKay (Gubernatorial Appointee, Marine Archaeologist [at-large])
Designee of Brona Simon (Executive Director, Massachusetts Historical Commission)

PROCEEDINGS:

This hybrid-format (i.e., in-person and remote-access) public meeting of the Massachusetts Board of Underwater Archaeological Resources (the Board or BUAR) was convened by its Director, David Robinson (Dave R), with the assistance of co-host and Massachusetts Office of Coastal Zone Management (CZM) Administrative Assistant, Patrice Bordonaro, at 12:31 PM on July 25, 2024 in the 9th floor large conference room at 100 Cambridge Street, Suite 900, in Boston, with a quorum of seven (7) current members of the Board in attendance remotely, as confirmed by a roll-call.

The purpose of this public meeting, which was rescheduled from May 30, 2024, was to conduct the BUAR's business that required the involvement of the full Board. Permittees whose permits were set to expire at the end of May were granted administrative extensions by the Board's Director to the rescheduled date of this meeting (July 25, 2024).

Items on the agenda included:

- approval of the March 28, 2024 Board meeting's minutes
- the Director's report
- Board Member reports
- a summary of the Board's Public Engagement Activities
- Old Business, and
- New Business.

Dave R explained that this meeting's hybrid format conformed with the Commonwealth's temporary provisions (effective through March 31, 2025) pertaining to the Open Meeting Law that were signed by Governor Healey on March 29, 2023. This temporary provision allows public bodies to continue holding their meetings remotely without a quorum of the public body physically present at a meeting location, and to provide "adequate, alternative" access to remote meetings. Board votes taken during this hybrid-format meeting were conducted through a roll-call, as required by MGL c. 30A, ss. 18-25.

Meeting ground-rules were reviewed by Dave R, and Board members, the meeting's co-host, prospective permittees, and members of the public were all welcomed to the meeting. Dave R also reported that CZM, BUAR's administrative host within the Executive Office of Energy and Environmental Affairs' (EEA), had a new director – Dr. Alison Brizius. Dr. Brizius, who was appointed by EEA Secretary, Rebecca Tepper, joined the CZM team on May 6, 2024. Prior to her appointment at CZM, Dr. Brizius served as the City of Boston's Commissioner of Environment, where she focused on a number of issues relevant to

**COMMONWEALTH OF MASSACHUSETTS
BOARD OF UNDERWATER ARCHAEOLOGICAL RESOURCES
FINAL MINUTES OF PUBLIC MEETING – JULY 25, 2024**

BUAR's mission (e.g., addressing climate change impacts, resource protection, enhancing environmental justice, etc.).

1. MINUTES

A. Minutes of the March 28, 2024 Meeting of the Board

Dave R asked if the Board had any comments or corrections to the draft minutes of the Board's March 28, 2024 public meeting. There were no comments or corrections to the minutes.

Daniel Sampson moved to accept the minutes of the Board's March 28, 2024 public meeting. John Warner seconded. Unanimous in favor by a roll-call vote. So voted.

*****Change in the Order of Business**

Due to the full agenda for the meeting, Dave R as Chair changed the order of business to move directly to the agenda's Old Business and New Business action items. These agenda items were then followed by the remainder of the Director's Report, Board Member Reports, and a summary of the Board's Public Engagement Activities since its March 28, 2024 meeting.

5. OLD BUSINESS

A. Joseph T. Baker (REC 22-001), Gloucester

Joseph T. Baker's Reconnaissance Permit (22-001) for his Gloucester site was up for renewal. Mr. Baker submitted a complete renewal application, fee payment, and annual report in accordance with the Board's regulations. Mr. Baker was in attendance via remote access to represent this permit. He thanked the Board for considering his renewal application and stated that if granted a renewal he planned to record underwater video and still photographs of the site in late August and to continue with his archival research in the coming year. There was no further discussion.

Jack Chapin moved to grant Joseph T. Baker renewal of Reconnaissance Permit (22-001) for his Gloucester site, retroactive to May 30, 2024, with all standard and special conditions in effect, with its new expiration date set as May 30, 2025. Vincent Malkoski seconded. Unanimous in favor by a roll-call vote. So voted.

B. Bassing Cove Maritime Association (EXC 91-001), Scituate

Dave R provided the Board with an update on the Bassing Cove Maritime Association's artifact disposition plan. At its previous public meeting (March 28, 2024), the Board voted to approve acceptance of BCMA's project completion documents and directed the Board's staff to consult with the EEA's legal counsel and coordinate with the BCMA and the Scituate Irish Mossing Museum to prepare a final disposition plan and long-term loan agreement document for the artifacts recovered under the BCMA's BUAR Excavation Permit. These artifacts were conserved by the BCMA and are currently on display to the public at the Scituate Irish Mossing Museum in Scituate. The BCMA recommended that the artifacts recovered under their permit continue to be curated by the Scituate Irish Mossing Museum. On April 4, 2024, the Board's staff contacted Chris Sabick, a former colleague and the new Executive Director of the Lake Champlain Maritime Museum in Ferrisburgh, VT, to obtain a sample of a long-term loan/curation standards document to utilize as a model for developing one for this project. On April 26, 2024, the Board's staff initiated consultation with EEA legal counsel to discuss the development of a long-term loan agreement as part of the collection's disposition plan. This consultation remains on-going. Additional updates to the Board will be forthcoming as further progress is made.

**COMMONWEALTH OF MASSACHUSETTS
BOARD OF UNDERWATER ARCHAEOLOGICAL RESOURCES
FINAL MINUTES OF PUBLIC MEETING – JULY 25, 2024**

C. Hassanamisco Nipmuc Council (REC 22-005), Shrewsbury and Worcester

The Hassanamisco Nipmuc Council's (or the Council) Reconnaissance Permit (22-005) for its "Project Mishoon" permit area in Lake Quinsigamond and Flint Pond in Shrewsbury and Worcester was up for renewal. The Council, via its Project Mishoon Director, Cheryl Stedtler, requested an extension of their permit's expiration date until the next regularly scheduled public meeting of the Board on September 26, 2024. Part of the reason for the extension request was due to the Council and Ms. Stedtler's focus this spring and summer on a Project Mishoon-related traditional mishoon-burning ceremony along the shores of Flint Pond, Shrewsbury. The Council has been an active permittee who has done significant fieldwork and outstanding public outreach, and has repeatedly provided high-quality, comprehensive, annual reports to the Board. It has been the Board's practice to grant up to two extensions within a permit year. This would be the first requested (non-administrative) extension of this permit this year. Ms. Stedtler and Project Mishoon Archaeologist, Victor Mastone, were in attendance remotely to represent this permit.

Dave R invited Ms. Stedtler to talk about the Project Mishoon-related mishoon-burning ceremony project. Ms. Stedtler stated that the project, which took place between June 2-10, 2024, was intended to create an opportunity for today's living Nipmuc people to make and paddle a mishoon on the waters of Flint Pond and Lake Quinsigamond as a remembrance of the mishoonash submerged in Lake Quinsigamond by their Nipmuc ancestors in the 1600s. Funded through the Massachusetts Office of Outdoor Recreation's Inclusive and Accessible Outdoor Recreation Events grant-program, Ms. Stedtler described the project as a wonderful collaboration between all bands of the Nipmuc, as well as multiple organizations and agencies who came together and had a hand in actively working to create and paddle the mishoon. Ms. Stedtler extended an extra thanks to DCR for their assistance with the project's on-site logistics. Ms. Stedtler reported that the mishoon burning ceremony project generated significant interest from the Nipmuc community, as well as from local residents, the general public, and the press, and provided an excellent educational opportunity for all involved and those who visited the project site. While daytime public interpretation was a daily element of the mishoon burning ceremony, the project also featured an evening public lecture at the Regatta Point Community Sailing Center in Worcester given by Ms. Stedtler on June 5, 2024 with the involvement of Mr. Mastone and Gregory Lott from the Massachusetts Archaeological Society (MAS) and BUAR staff. BUAR's Deputy Director, Daniel Sampson, asked from what type of wood the mishoon was made. Ms. Stedtler answered that it was made from white pine. Dave R congratulated the Council and Ms. Stedtler on creating an outstanding educational program and a new mishoon for her community and the waters of Lake Quinsigamond. There was no further discussion.

Jonathan Patton moved to extend the expiration date of the Hassanamisco Nipmuc Council's Reconnaissance Permit (22-005) for its Project Mishoon permit area in Lake Quinsigamond and Flint Pond in Shrewsbury and Worcester, with all standard and special conditions in effect, until the next regularly scheduled meeting of the Board on September 26, 2024. Vincent Malkoski seconded. Unanimous in favor by a roll-call vote. So voted.

D. North Atlantic Dive Expeditions (REC 17-004), Gloucester

North Atlantic Dive Expeditions' (NADE) Reconnaissance Permit (17-004) for their Gloucester site was up for renewal. NADE's Heather Knowles requested an extension of the NADE permit's expiration date until the next regularly scheduled public meeting of the Board on September 26, 2024. NADE has been an active permittee who has done significant fieldwork and public outreach for their project and has repeatedly provided high-quality, comprehensive, annual reports to the Board. It has been the Board's practice to grant up to two extensions within a permit year. This would be the first requested (non-administrative) extension of this permit this year. Ms. Knowles was not in attendance to represent this permit. There was no further discussion.

Vincent Malkoski moved to extend the expiration date of the NADE's Reconnaissance Permit (17-004) for their Gloucester site, with all standard and special conditions in effect, until the next regularly scheduled meeting of the Board on September 26, 2024. John Warner seconded. Unanimous in favor by a roll-call vote. So voted.

**COMMONWEALTH OF MASSACHUSETTS
BOARD OF UNDERWATER ARCHAEOLOGICAL RESOURCES
FINAL MINUTES OF PUBLIC MEETING – JULY 25, 2024**

E. Public Archaeology Laboratory, Inc. (SUP 21-001), Monatiquot River Restoration, Armstrong and Ames Pond Dam Removals, Hancock and Plain Streets Project, Braintree

The Public Archaeology Laboratory, Inc.'s (PAL) Special Use Permit (21-001) for the construction phase-archaeological monitoring and walkover (Reconnaissance) survey of the Monatiquot River Restoration, Armstrong and Ames Pond Dam Removals, Hancock and Plain Streets Project in Braintree was up for renewal. PAL submitted a complete renewal application and annual report in accordance with the Board's regulations. PAL Principal Investigator, Suzanne Cherau, was in attendance remotely to represent this permit. Ms. Cherau reported that she expected that the project report would be completed in August 2024 and that the project would be wrapping up soon. There was no further discussion.

Justin Malcolm moved to grant renewal of PAL's Special Use Permit (21-001) for the Construction Phase-Archaeological Monitoring and Walkover (Reconnaissance) Survey of the Monatiquot River Restoration, Armstrong and Ames Pond Dam Removals, Hancock and Plain Streets Project in Braintree, with all the standard and special conditions in effect, for the period of one year, retroactive to May 30, 2024, with the permit's new expiration date set as May 30, 2025. Dan Sampson seconded. Unanimous in favor by a roll-call vote. So voted.

F. R. Christopher Goodwin & Associates, Inc. (SUP 20-001), SouthCoast (formerly Mayflower) Wind Project's Falmouth Electric Cable Corridor, North Atlantic Ocean and Nantucket Sound

R. Christopher Goodwin & Associates, Inc.'s (RCG&A) Special Use Permit (20-001) for the Massachusetts state waters portion of the SouthCoast (formerly Mayflower) Wind Project's Falmouth Electric Cable Corridor (ECC) project area, located in the North Atlantic Ocean and Nantucket Sound, was up for renewal. RCG&A submitted a complete renewal application and annual report, in accordance with the Board's regulations. RCG&A's Steve Schmidt and Ashley Himmelstein, and Victor Mastone from Southcoast Wind were in attendance remotely to represent this permit. Mr. Schmidt noted that the Marine Archaeological Resource Assessment (MARA) was completed and submitted. Mr. Mastone recommended that BUAR staff look at the project MOA to correct what appears to be an inaccurate statement from one of the MOA's signatories regarding BUAR's role in the project's review, but said that, otherwise, SouthCoast Wind was very happy with the way things were going on the project. There was no further discussion.

Vincent Malkoski moved to renew RCG&A's Special Use Permit (20-001) for the Massachusetts state waters portion of the SouthCoast (formerly Mayflower) Wind Energy Project's Falmouth ECC project area, located in the North Atlantic Ocean and Nantucket Sound, as detailed in the renewal application, with all the standard and special conditions in effect, for the period of one year, retroactive to May 30, 2024, with its expiration now set for May 30, 2025. Daniel Sampson seconded. Unanimous in favor by a roll-call vote. So voted.

G. SEARCH, Inc. (SUP 19-004), Amite Subsea Cable Project, Rockport to Nahant

Dave R stated that SEARCH, Inc.'s Special Use Permit (19-004) for their Amite Subsea Cable Project area between Rockport and Nahant had been kept open so that any unanticipated discoveries that might occur during the project's construction could be addressed under this permit. SEARCH, Inc.'s permit expired without being renewed or extended on March 30, 2024. On May 3 and 7, 2024, the Board's staff received notice from SEARCH, Inc.'s Principal Investigator, Dr. Michael Brennan, that their client, ERM, had informed them that project's construction was complete and that there were no unanticipated discoveries. With the project built and its report submitted and on file at BUAR, the Board's staff considers this project complete.

6. NEW BUSINESS

A. RCG&A (SUP 24-003) (formerly SUP 22-002), Vineyard Northeast Project OECC, Buzzards Bay and North Atlantic Ocean extending to Westport

**COMMONWEALTH OF MASSACHUSETTS
BOARD OF UNDERWATER ARCHAEOLOGICAL RESOURCES
FINAL MINUTES OF PUBLIC MEETING – JULY 25, 2024**

On April 18, 2024, RCG&A submitted a complete Special Use Permit application to the Board to conduct archaeological survey activities to identify submerged cultural resources within the Massachusetts State Waters Portion of the Vineyard Northeast Project OECC, in Buzzards Bay and the North Atlantic Ocean, extending to Westport, as described in the application, and as previously conducted for the project by RCG&A under BUAR Special Use Permit (22-002). An annual report for Special Use Permit 22-002 was also submitted as part of the application, thus fulfilling the annual reporting requirement for that permit. This new permit request was necessitated by the unintended expiration of RCG&A's Special Use Permit (22-002) on March 28, 2024, without renewal or a request for an extension by RCG&A. On July 9, 2024, a letter was sent to RCG&A confirming that BUAR's Director had reviewed and approved their new application and had issued RCG&A Provisional Special Use Permit 24-003, effective as of April 18, 2024. RCG&A's Steven Schmidt and Ashley Himmelstein were in attendance remotely to represent this permit application. There was no further discussion.

Vincent Malkoski moved to formerly approve RCG&A's Special Use Permit (24-003) to conduct archaeological survey activities to identify submerged cultural resources within the area described in the application, as previously conducted for the project by RCG&A under BUAR Special Use Permit (22-002), with all the standard and special conditions in effect. The duration of this permit shall be one year from the date of issuance with its expiration date set as July 25, 2025. John Warner seconded. Unanimous in favor by a roll-call vote. So voted.

B. SEARCH, Inc. (SUP 24-004), Bay State Wind Export Cable Project, Somerset

On May 20, 2024, SEARCH, Inc. submitted a complete Special Use Permit application to the Board to conduct archaeological survey activities in the Massachusetts State Waters Portion of the Bay State Wind Export Cable Project, Mount Hope Bay and the Taunton River, Somerset, as described in the application. On July 19, 2024, a letter was sent to SEARCH, Inc. confirming that BUAR's Director had reviewed and approved their application and had issued SEARCH, Inc. Provisional Special Use Permit 24-004, effective as of May 21, 2024. SEARCH, Inc.'s Principal Investigator, Ben Wells, was in attendance to represent this permit application. There was no further discussion.

Vincent Malkoski moved to formerly approve SEARCH, Inc.'s Special Use Permit (24-004) to conduct archaeological survey activities to identify submerged cultural resources within the Massachusetts state waters portion of the Bay State Wind Export Cable Project, in Mount Hope Bay and the Taunton River, Somerset, as described in the application, with all the standard and special conditions in effect. Activities allowed under this provisional permit include the archaeological reconnaissance high-resolution geophysical and geotechnical surveys, video documentation, grab sample collection, and vibracore sampling survey, archaeological site examination, and undertaking necessary recovery and documentation of these resources in the permit area. The duration of this permit shall be one year from the date of issuance, with its expiration date set as July 25, 2025. Daniel Sampson seconded. Unanimous in favor by a roll-call vote. So voted.

C. Shipwreck Tagging Archaeological Management Program ("STAMP")

For the past several years, the Board's staff has been exploring the possibility of adopting the Shipwreck Tagging Archaeological Management Program ("STAMP") for tagging and tracking ship remains in the intertidal waters of Massachusetts as part of BUAR's evolving strategy for inventorying and managing this commonly found and reported type of underwater archaeological resource. This exploration has involved the Board's staff's attendance of multiple STAMP orientation meetings with the program's creators and administrators from the Florida Public Archaeology Network (FPAN) and the University of West Florida (UWF), as well as meetings with the State Underwater Archaeologists in Maryland and Texas, where STAMP has been adopted. The Board's staff has also met with the staff from the National Park Service's (NPS) Regional Archaeologist's Office and the Cape Cod National Seashore Historian's Office, who have also adopted STAMP across the NPS's coastal National Parks nationwide, including within the Cape Cod National Seashore, where BUAR assisted the NPS staff with volunteer training in STAMP in 2022. In 2023, the Board's staff also discussed with leadership at the Egan Maritime Institute and Nantucket Shipwreck Museum (EMI/NMS) the possibility of establishing and EMI/NMS sponsoring a pilot version of STAMP on

**COMMONWEALTH OF MASSACHUSETTS
BOARD OF UNDERWATER ARCHAEOLOGICAL RESOURCES
FINAL MINUTES OF PUBLIC MEETING – JULY 25, 2024**

the island of Nantucket. Most recently, the Board's staff was approached by BUAR collaborative partners – Woods Hole Oceanographic Institution (WHOI) Archaeologist, Dr. Calvin Mires, and Dr. Dan Houlihan, Assistant Professor of Occupational Therapy at Regis College and co-Director of the Diver-Archaeological Reconnaissance Cooperative (DivARC) – to consider expanding our current collaborative partnerships to include STAMP. Dr. Houlihan was invited to this meeting to discuss the idea with the Board and its staff with the hope that the Board would move and vote to support the Board's staff working with DivARC to determine what specific next steps would be required to engage in and formalize a partnership between BUAR and DivARC centered on bringing STAMP to Massachusetts and making it a focus of DivARC's mission-based volunteer work with veterans reintegrating into civilian life. Adopting STAMP in Massachusetts also would fit well with the goal of the current NOAA-funded BUAR-CZM Project of Special Merit (PSM) that is seeking to provide a baseline vulnerability assessment of Massachusetts's coastal cultural resources to inform a more pro-active, strategic management approach by BUAR that could be implemented with the help of engaged citizen scientists, such as DivARC and EMI/NMS.

Dr. Houlihan re-introduced himself and DivARC to the Board. He outlined DivARC's history and its goal of improving the health of veterans by tapping into and channeling their love for public service and diving through volunteer, mission-based underwater research projects. He then gave a summary of Dr. Mires's and his work together and of DivARC's and BUAR's history of collaboration, which began in 2018-2019, just as retired BUAR Director Victor Mastone's tenure was ending and Dave R's was starting, and then had to be paused in early 2020 due to the COVID-19 pandemic. Dr. Houlihan stated that DivARC had grant money that would support developing a STAMP pilot-program for DivARC veterans and their families to work with BUAR staff and would cover the costs of purchasing the necessary materials to create STAMP kits for use in the field. Board member Vincent Malkoski mentioned that DMF had a program that engaged citizens in volunteer work and he could provide information to Dave R about how that volunteer program was organized to work within the state government framework. Jonathan Patton also mentioned that DCR had volunteer programs that BUAR could use as a guide. Dave R noted that CZM also had citizen science/volunteer programs that BUAR could use as a model. There was no further discussion.

Vin Malkoski moved to approve and direct the Board's staff to work with Drs. Houlihan and Mires, and to consult with CZM leadership, EEA's legal counsel, and the creator and administrators of STAMP to determine the necessary next steps for formalizing a partnership with DivARC and its volunteers to develop a STAMP pilot-program that would bring STAMP to the coast of Massachusetts, beyond the boundaries of the Cape Cod National Seashore, where it has already been adopted. Justin Malcolm seconded. Unanimous in favor by a roll-call vote. So voted.

D. Archaeological Historical Services, Inc., (SUP 24-005), Cusky Pond Dam Removal Project, New Braintree

On June 25, 2024, Archaeological and Historical Services, Inc. (AHS) submitted a Special Use Permit Application to the Board to conduct archaeological monitoring/recordation and walkover (reconnaissance) survey of drawn-down/dewatered (formerly submerged lands) work areas of the Cusky Pond Dam Removal Project, in New Braintree, to identify submerged cultural resources within the area described in the application. On July 3, 2024, the Board's staff contacted AHS's President and Principal Investigator, Meg Harper, to inform her that the application was incomplete and could not be accepted as submitted until additional information was provided. On July 18, 2024, AHS provided the requested additional information. On July 23, 2024, a letter was sent to AHS confirming that BUAR's Director had reviewed and approved their application and had issued AHS provisional Special Use Permit 24-005, effective as of June 25, 2024. Ms. Harper informed the Board's staff in advance that she, regretfully, could not attend this meeting due to an unforeseen scheduling conflict, thus she was not in attendance to represent this permit application. There was no further discussion.

Daniel Sampson moved to formerly approve AHS's Special Use Permit (24-005) to conduct archaeological monitoring/recordation and walkover (reconnaissance) survey of drawn-down/dewatered (formerly submerged lands) work areas of the Cusky Pond Dam Removal Project, in New Braintree, to identify submerged cultural resources within the area described in the application, with all the standard and special conditions in effect. Activities allowed under this provisional permit include archaeological

**COMMONWEALTH OF MASSACHUSETTS
BOARD OF UNDERWATER ARCHAEOLOGICAL RESOURCES
FINAL MINUTES OF PUBLIC MEETING – JULY 25, 2024**

monitoring and walkover survey to identify and record on project plans archaeological resources in the permit area. The duration of this permit shall be one year from the date of issuance with its expiration date set as July 25, 2025. Vin Malkoski seconded. Unanimous in favor by a roll-call vote. So voted.

D. Archaeological Historical Services, Inc. (SUP 24-006), Quaboag Wildlife Management Area at Salmon Brook, Brookfield

On June 25, 2024, AHS submitted a Special Use Permit Application to the Board to conduct archaeological monitoring/recordation and walkover (reconnaissance) survey of drawn-down/dewatered (formerly submerged lands) work areas of the Quaboag Wildlife Management Area at Salmon Brook Project, in Brookfield, to identify submerged cultural resources within the area described in the application. On July 3, 2024, the Board's staff contacted AHS's President and Principal Investigator, Meg Harper, to inform her that the application was incomplete and could not be accepted as submitted until additional information was provided. On July 18, 2024, AHS provided the requested additional information. On July 23, 2024, a letter was sent to AHS confirming that BUAR's Director had reviewed and approved their application and had issued AHS provisional Special Use Permit 24-006, effective as of June 25, 2024. As noted previously, Ms. Harper from AHS informed the Board's staff in advance that she, regretfully, could not attend this meeting due to an unforeseen scheduling conflict, thus she was not in attendance to represent this permit application. There was no further discussion.

Vincent Malkoski moved to formerly approve AHS's Special Use Permit (24-006) to conduct archaeological monitoring/recordation and walkover (reconnaissance) survey of drawn-down/dewatered (formerly submerged lands) work areas of the Quaboag Wildlife Management Area at Salmon Brook Project, in Brookfield, to identify submerged cultural resources within the area described in the application, with all the standard and special conditions in effect. Activities allowed under this provisional permit include archaeological monitoring and walkover survey to identify and record on project plans archaeological resources in the permit area. The duration of this permit shall be one year from the date of issuance with its expiration date set as July 25, 2025. Daniel Sampson seconded. Unanimous in favor by a roll-call vote. So voted.

***Change in the Order of Business: as Chair, Dave R again changed the order of business and moved back to the Director's Report, which was then followed by the Board Member Reports, and a summary of the Board's Public Engagement Activities since its March 28, 2024 meeting.

2. DIRECTOR'S REPORT

A. Fieldwork

- Essex Bay Shipwreck Site Monitoring Update, Gloucester: On May 7, 2024, Essex residents, Maura and David Alger, reported and provided photographs to BUAR showing that the mud-flat west of the stern of the "Essex Bay Shipwreck" had eroded past the wreck causing it to be entirely subtidal at low tide. This erosion and shallow submergence presents an increased threat to the wreck of disarticulation from natural processes, as well as damage from accidental vessel-strikes during periods of low tide.
- Crane Beach Beacon Remains, Ipswich: On June 19, 2024, Maura and David Alger reported and provided a GPS location and photographs of what appear to be the remains of the historical "Castle Neck Light" that was formerly located onshore at the end of Castle Neck on the Crane Beach/ocean side of the Neck. A review of historical maps by the Board's staff indicated a beacon was present in that location at least as early as the mid-1800s up until sometime before 1920, when it disappears from area maps.
- DCR Archaeological Survey of Washburn Island, WBNERR, Falmouth: On June 21, 2024, the Board's staff participated in an initial walkover/reconnaissance archaeological visual survey of Washburn Island by DCR/WBNERR staff, DCR's archaeological consultant's, and staff of MA Commission on Indian Affairs, and the Mashpee Wampanoag THPO. DCR Archaeologist and

**COMMONWEALTH OF MASSACHUSETTS
BOARD OF UNDERWATER ARCHAEOLOGICAL RESOURCES
FINAL MINUTES OF PUBLIC MEETING – JULY 25, 2024**

BUAR Board members, Jonathon Patton, who is supervising the survey, added that this investigation of Washburn Island has been in the works for a long time and that a modern archaeological assessment of the island, which is known to have been inhabited by the Wampanoag since ancient times and played a significant role in the United States' Army and Navy's preparation for the World War II D-Day invasion of Normandy, was needed. DCR is aware that the island's footprint is shrinking due to sea-level rise and erosion that there is a pressing need to identify sites along the Island's shores where erosion is occurring most rapidly. Heritage Consulting, Inc. is conducting the investigation on DCR's behalf and fieldwork is anticipated to take approximately two months. Jonathan extended an invitation to Board members who may be interested in visiting the archaeological team while they are in the field to coordinate with him and come out any time.

- Skaket Beach Flats Fish Weir, Orleans: On June 26, 2024, the Board's staff, while on vacation and walking on the flats north of Skaket Beach in Orleans, found and recorded GPS positions and took photographs of the shallow sub-tidal remains of a large historical wooden fish weir jutting out of the sediments.
- Swift River Valley Historical Society Museum Mishoon, New North Salem: On July 10, 2024, the Board's staff, accompanied by Project Mishoon Director, Cheryl Stedtler, retired BUAR Director, Vic Mastone, and retired CZM Projects Coordinator, Bob Boeri, visited the Swift River Valley Historical Society Museum in New North Salem to measure and photograph a dug-out canoe or "mishoon" recovered from Morton Pond in Enfield during the Metropolitan District Commission's late-1930s excavation and bulldozing of the landscape to create the bottom of the Quabbin Reservoir. The Museum's mishoon measured 17 feet, 2 inches (5.22 meters) long-x-2 feet (60 centimeters) wide, and appeared to have been made by a combination of burning and edged metal tools, indicating its earliest date of construction would be from the European contact period, similar to the Lake Quinsigamond mishoonash 1 and 2.

B. Meetings

- Governor's Tribal Task Force: On April 12, 2024, the Board's staff attended a meeting of the Governor's Tribal Task Force to participate in a discussion on ways for enhancing engagement with MA's Tribal communities.
- EEA Tribal Working Group: On May 13, 2024, the Board's staff attended a Teams meeting of EEA's Tribal Working Group to participate in a discussion on developing a more integrated agency-wide approach to engaging MA's Tribes.
- Maryland and Texas State Underwater Archaeologists re: STAMP: On May 16, 2024, the Board's staff attended and participated in a Zoom meeting with the MD and TX State Underwater Archaeologists to discuss their state's experiences in adopting and implementing STAMP.
- Indigenous Resource Collaborative: On June 6, 2024, the Board's staff met with Indigenous Resource Collaborative member, Ellen Berkland, to discuss the IRC's recent progress in the IRC's development and BUAR's continued interest in working with the IRC on future educational projects for Indigenous community members and the non-Indigenous public, alike, focusing on the study of submerged ancient cultural landscapes.
- Maryland and Texas State Underwater Archaeologists re: 2025 SHA/ACUA Panel: On June 17, 2024, the Board's staff participated in a Zoom meeting with the MD and TX State Underwater Archaeologists, Amy Borgens, and Dr. Susan Langley, and the Texas Historical Commission's, Tracy Lovingood, to help develop a proposal for a panel discussion at the 2025 SHA/ACUA Annual Meeting scheduled for January 2025. The panel discussion is entitled, "*Making Waves in Coastal Archeology: Reevaluating Current and Emerging Field Methodologies for the Archeological Survey of Vanishing Shorelines.*"

**COMMONWEALTH OF MASSACHUSETTS
BOARD OF UNDERWATER ARCHAEOLOGICAL RESOURCES
FINAL MINUTES OF PUBLIC MEETING – JULY 25, 2024**

- Mashantucket Pequot THPO: On June 4 and June 18, 2024, the Board's staff met remotely and in person, respectively, with the Mashantucket Pequot THPO and their staff to review methods and concepts and answer their questions about marine archaeological remote sensing, geotechnical surveying, and data analysis and interpretation for identifying ancient submerged cultural landforms. The purpose of these meetings is to facilitate THPO review of marine archaeological resource assessments for offshore projects in Massachusetts, on which as a federally-recognized Tribe, the Mashantucket Pequot Tribe has been monitoring and commenting.

C. BUAR/CZM NOAA Project of Special Merit Update

Dave R reported that his work on the NOAA Project of Special Merit with BUAR Deputy Director and CZM GIS Manager, Dan Sampson and CZM GIS Specialist, Brooke Hodge, remains ongoing. The BUAR/CZM team have been exploring different options for working with BUAR's archaeological site data, ethnographic sources of information from coastal communities, and MHC's MACRIS data to extract and aggregate select information across the data sets. The project plans to use these aggregated data to generate mapping identifying broad areas of the MA coast where different types of coastal cultural resources are most at risk from climate change-related coastal hazards, such as sea level rise and storm-related inundation and erosion, as indicated by a comparison with the USGS's 2022 Coastal Change Model data and other environmental data sources. Dave R also reported that the initial meeting of the Project's Advisory Committee was held on April 11, 2024, a progress report to NOAA was prepared and submitted, and work on the project's Quality Assurance Plan is on-going. The Board's staff is currently working with Project's Tribal Advisors to develop schedules and plans for meeting with members of MA's Tribal communities to discuss the project. Daniel Sampson added that the preliminary results from the data mapping completed thus far have been illuminating and that BUAR/CZM continues to work on ironing-out with Board member, MHC GIS Specialist, and Project advisor, Justin Malcolm, use of MACRIS data to further populate the maps with information needed to complete the project.

3. BOARD MEMBER REPORTS

There were/were no Board member reports.

4. PUBLIC ENGAGEMENT ACTIVITIES

A. Native Land Conservancy/Mashpee Wampanoag Tribe Honor the Earth Festival, Mashpee

On April 20, 2024, the Board's staff participated (along with CZM's Coastal Shoreline and Floodplain Management and Coastal Resiliency staff, Julia Knisel, Rebecca Haney, and India Mackinson) in the Native Land Conservancy/Mashpee Wampanoag Tribe's first annual "Honor the Earth Festival held on the Mashpee Wampanoag's Tribal lands in Mashpee. The festival was very well-attended, and BUAR and CZM were able to talk with members of the Mashpee community, the public, and other exhibitors about current projects and initiatives BUAR is working on, including the BUAR/CZM Project of Special Merit.

B. Essex Historical Society & Shipbuilding Museum Basin Banter Local Shipwrecks Public Lecture, Essex

On April 23, 2024, the Board's staff gave a public lecture on BUAR's recent North Shore research and site monitoring work on intertidal archaeological sites threatened by coastal erosion. These sites include the remains of a 575-year old wooden fish weir and the wrecks of three vessels dating from the late-eighteenth through late-nineteenth centuries. The talk was well-attended and received with a robust post-talk Q&A session that lasted almost as long as the lecture.

C. Project Mishoon Public Lecture, Belchertown

On May 11, 2024, the Board's staff attended and participated in public lecture by Cheryl Stedtler, Hassanamisco Nipmuc Tribal Elder and Director of the BUAR-permitted Project Mishoon, in Belchertown. The talk was well-attended and received.

**COMMONWEALTH OF MASSACHUSETTS
BOARD OF UNDERWATER ARCHAEOLOGICAL RESOURCES
FINAL MINUTES OF PUBLIC MEETING – JULY 25, 2024**

D. BUAR/MAS Photogrammetry Workshop, Robbins Museum of Archaeology, Middleborough

Between May 28 and June 1, 2024, the BUAR and Massachusetts Archaeological Society (MAS) co-hosted a sold-out, week-long, intensive, hands-on workshop in photogrammetry taught by Japanese underwater archaeologist, Dr. Kotaro Yamafune. Photogrammetry is a relatively new and highly-versatile technological approach for documenting digital 3D images of underwater archaeological resources, such as shipwrecks and submerged landscapes. Participants included citizen-scientist divers – including two BUAR permittees, state government staff, and university educators from Massachusetts, Rhode Island, Maryland, New Jersey, and Pennsylvania. BUAR and MAS hope to be able to host Dr. Yamafune and offer this workshop again next year. The Board's staff acknowledges and extends a special thanks to Dr. Benjamin Ford, Professor and Chair of the Anthropology Department at the Indiana University of Pennsylvania and a workshop participant, for his kind and generous assistance with the workshop's logistics.

E. Project Mishoon Public Lecture, Regatta Point Community Sailing Center, Worcester

On June 5, 2024, the Board's staff attended and participated in a presentation by Cheryl Stedtler, Hassanamisco Nipmuc Tribal Elder and Director of the BUAR-permitted Project Mishoon, that was held at the Quinsigamond State Park – Regatta Point Community Sailing Center in Worcester as part of the Tribe's Mishoon-burning Ceremony Project. MAS's President (and Project Mishoon Archaeologist), Victor Mastone, and MAS Vice-President, Gregory Lott, also attended and participated in the presentation.

F. Ship Graveyard Tours, Seekonk River, Providence/East Providence, RI

On June 13 and 23, 2024 BUAR staff narrated two boat-based tours of the Green Jacket Shoal Ship Graveyard site that is located at the mouth of the Seekonk River off what had been part of MA's coast until 1862. These tours of southern New England's largest and most historic ship graveyard have been run annually for the past seven years by the Providence River Boat Company.

G. The Trustees of Reservations/BUAR Shipwreck Scholars Program, Ipswich

On July 12, 2024, the Board's staff joined The Trustees of Reservations' (TTOR) educational staff at the *Ada K. Damon* shipwreck site on Steep Hill Beach at their Castle Hill/Crane Estate property in Ipswich to conduct the "Shipwreck Scholars" program for 60 of TTOR's Summer Quest day-campers (ages 5-9). This is the fourth consecutive year that TTOR and BUAR have offered the program to the public via TTOR's summer camp program.

H. City of Quincy's Office of Historic and Heritage Resources "Environmental Treasures" Public Lecture Series

On, July 18, 2024, the Board's staff presented the invited public lecture in Quincy, "An Uncommon Wealth: Massachusetts's Underwater Archaeological Resources," introducing a full-house audience of about 75 members of the public to BUAR and its work, to the underwater archaeological resources of MA, to the current climate change-related hazards to the Commonwealth's coastal cultural resources, and to the BUAR/CZM Project of Special Merit currently underway that is intended to begin to proactively address this threat. The talk was presented in combination with a presentation given by the Quincy Historic Preservationist, Robert Damon, on the climate change-related hazards threatening Quincy's historic Souther Tide Mill, as part of the "Environmental Treasures" public lecture series offered by the City of Quincy's Office of Historic and Heritage Resources.

Dave R thanked the Board's permittees and members of the public who attended the meeting, and our CZM co-host, and reminded everyone that the next regularly-scheduled public meeting of the Board will be at **12:30 pm on Thursday, September 26, 2024**. This meeting will be held in a hybrid format and accessible both remotely and as in-person meeting in CZM/BUAR's offices on the 9th floor at 100 Cambridge Street in Boston. Instructions for logging into the remote access meeting will be posted prior to the meeting on the Board's Public Meetings Information webpage (<https://www.mass.gov/service-details/buar-public-meeting->

**COMMONWEALTH OF MASSACHUSETTS
BOARD OF UNDERWATER ARCHAEOLOGICAL RESOURCES
FINAL MINUTES OF PUBLIC MEETING – JULY 25, 2024**

[information](#)). Permittees and interested members of the public are encouraged to monitor the BUAR webpage's Public Meetings Information section for other updates, meeting agendas, and meeting minutes.

Daniel Sampson moved to adjourn the meeting at 1:44 PM. Vincent Malkoski seconded. Unanimous in favor by a roll-call vote. So voted.

Respectfully submitted,

David S. Robinson
Director