

**COMMONWEALTH OF MASSACHUSETTS  
BOARD OF UNDERWATER ARCHAEOLOGICAL RESOURCES  
MINUTES OF PUBLIC MEETING – 26 MARCH 2015**

**MEMBERS PRESENT** Lenny Loparto (Designee of Brona Simon, State Archaeologist)  
Graham McKay (Marine Archaeologist)  
Kevin Mooney, Deputy Director (Designee, Director of DCR Division of Waterways)  
Jonathan Patton (Designee of Brona Simon, Executive Director of the Massachusetts Historical Commission)  
Dan Sampson (Designee of Bruce Carlisle, Director of Coastal Zone Management)  
Tony Khabir (Designee of James McGinn, Director of Environmental Law Enforcement)  
Victor Mastone, Director (Staff for the Board)

**MEMBERS ABSENT:** Marcie Bilinski (Dive Community Representative)  
Terry French (Designee of John Warner, State Archivist)  
Gary Murad (Dive Community Representative)

**PROCEEDINGS:**

The public meeting of the Massachusetts Board of Underwater Archaeological Resources was convened by the Director, Victor Mastone at 1:35 PM on 26 March 2015 in the CZM Conference Room at 251 Causeway Street in Boston. Victor noted that only four Board members were present (Loparto, McKay, Patton and Sampson). He announced the Board would meet in informal session until at least one additional member was present to achieve the requisite quorum of five members.

**1. DIRECTOR'S REPORT**

**A. Society for Historical Archaeology**

Victor reported he attended the Society for Historical Archaeology's 46th Annual Conference on Historical and Underwater Archaeology held on January 7-11 in Seattle, WA. He and Susan Langley of the Maryland Historical Trust had organized the Annual Government Maritime Managers' Forum representing state, federal, and foreign government programs. This year's forum was entitled *Government Maritime Managers' Forum XXIII: Off the Edge of the Map and Here There Be Monsters, the Manager's Conundrum*. Approximately 50 managers participated in the forum. Victor noted that he also attended the meeting of the SHA's UNESCO Committee of which he is a member

**B. Seafaring Education and Maritime Archaeological Heritage Program (SEAMAHP)**

Victor reminded the Board that at the December meeting he mentioned the possibility of developing a foreshore archaeology training course in collaboration with SEAMAHP (Seafaring Education and Maritime Archaeological Heritage Program) and the Department of History of Salem State University. The program has been approved as one of SSU's Summer Institutes. It will be HIST 360 92 Maritime Archaeology of the North Shore. This archaeological field school will offer 3 credit hours and a certificate from the Nautical Archaeological Society, an international training program. Victor said he also participated in 3 lectures related to this course and the program.

**C. Essex County National Heritage Area Regional Education Forum**

Victor reported he participated in the Regional Education Forum sponsored by the Essex County Heritage Area and hosted at the R.S. Peabody Museum of Archaeology in Andover. There were about 40 participants from various organizations, agencies, schools, and universities in Essex County. It was very informative and fertile ground for collaborative ideas.

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**D. NASOH Conference**

Victor reported that he is the co-program chair of the annual conference for the North American Society for Oceanic History. He would be attending the annual conference from May 13-17, 2015 in Monterey, CA. The conference theme is "Pacific – the Peaceful Ocean?", but will include papers from other regions as well. This conference is a joint meeting with the Society for the History of Navy Medicine and the Naval Historical Foundation. It is hosted by the Naval Post Graduate School. Victor noted he will be using vacation time and personal funds to attend the conference.

**2. BOARD MEMBER REPORTS**

There were no Board member reports.

**3. PUBLIC ENGAGEMENT**

**A. Bay State Council of Divers**

Victor stated he attended a meeting of the Bay State Council of Divers on December 11. Discussion focused on participation at the two upcoming scuba diving events and re-installation of the memorial plaque. He was unable to attend their meeting on February 25<sup>th</sup>.

**B. Peabody Institute West Branch Library**

Victor reported that, despite the all the bad weather, he gave a public lecture on the evening of February 5<sup>th</sup> at the West Branch Library in Peabody. The topic was "Hidden History: Underwater Archaeology in Massachusetts." It was a standing room only crowd of 25 people.

**C. Boston SCUBA Show**

Victor reported that the Boston SCUBA Show was held on Saturday, March 1, at the Holiday Inn in Peabody from 10 AM – 3 PM. It featured presentations by Mary Klein and Barry Clifford. He attended and the Bay State Council of Divers provided him space at their table to distribute literature and answer questions.

**D. Boston Sea Rovers Annual Underwater Clinic**

Victor reported that the 2015 Boston Sea Rovers Underwater Clinic was held on Saturday and Sunday, March 7 – 8, at the Double Tree Hotel in Danvers; it was same venue as past three years. He was provided display space by the Massachusetts Environmental Trust. He also assisted the Division of Marine Fisheries and Bay State Council in manning their booths.

**E. North Shore High School Marine Science Symposium**

Victor reported that he and Leland participated in the 3<sup>rd</sup> Annual North Shore High School Marine Sciences Symposium on March 18 at Salem State University. The symposium and workshops were organized by the Massachusetts Marine Educations Association in collaboration with Northeastern University, Salem State University and Endicott College. He led two workshops of 15 students each on mapping shipwreck sites. Using a scanned image of the Jim Karos's shipwreck mosaic to simulate a site, students create maps using either off-set an triangulation mapping techniques.

**F. Salem State University**

Victor reported that Dr. Calvin Mire and Captain Laurel Seaborn, both of SEAMAHP, and he give two public lectures and one class lecture on the upcoming summer program on the maritime archaeology of the North Shore. He noted that it was good to see one of the Board's permittees, Joe Dietlin, attend one of the lectures.

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Jim Karos asked if the course was open to only students from Salem State University. Vic said it was open to anyone. He noted he been contacted students from Harvard Extension School and Bennington University. The class is capped at 20 students. There were at least five sites he was interested in using for the course. Vic noted he was using his vacation leave to participate in the course.

**RECESS**

Victor stated the Board would take a brief recess until additional Board members were present.

**CONVENE**

Kevin Mooney and Sargent Tony Khabir arrived for the meeting. Sargent Tony Khabir of Massachusetts Environmental Police was present to represent Colonel McGinn. With more than the requisite number of Board members present to achieve a quorum, Victor informed Sargent Khabir that he could return to his other pressing duties. Sargent Khabir departed and did not participate in any formal votes. The formal session of the Board meeting commenced at 1:50 PM with a quorum of five Board members (Loparto, McKay, Mooney, Patton and Sampson).

**4. MINUTES OF 4 DECEMBER 2014**

Victor asked the Board if there were any comments or corrections to the minutes of the public meeting held on 4 December 2014. There were no comments or corrections to the minutes.

Graham McKay moved to accept the minutes of the 4 December 2014 public meeting. Kevin Mooney seconded. Unanimous vote in favor. So voted.

**5. OLD BUSINESS**

**A. Underwater Discoveries Unlimited, LLC**

Victor reported that Underwater Discoveries Unlimited (UDU), LCC, had submitted its reconnaissance permit renewal application and Annual Report in accordance with the Board's Regulations. Victor reminded the Board that this application is the renewal of permit number 96-001 for a potential unidentified shipwreck site off Wellfleet and not for the excavation permit for *White Squall* site. Victor noted the thorough job by UDU on their renewal package. Oscar Snow was in attendance to present the application on behalf of UDU.

Mr. Snow reiterated this reconnaissance permit was for the area north of the *White Squall* permit. The last time they dove that areas nothing was uncovered. He recounted that UDU had undertaken five magnetometer surveys for the permit areas. He stated there was a large rock in the center of the permit area and noted many the targets are in that area. He noted he contacts both the National Park Service and the Town prior to work. They have spent their efforts on eliminating the smaller targets. He showed two maps to the Board and said he would provide copies to the Board. He stated they were preparing for the summer using the same archaeologist, dive team and vessel.

Kevin Mooney asked how the winter affected the site. Mr. Snow noted the winter was very bad. He planned to visit the area in May with their underwater camera and metal detector. His plan was to alternate work between the two permit areas depending on weather conditions. Inside his permit area near the Wellfleet-Truro line they detected some wreckage they believe to be part of the stern. Upon examination, it was the butt of an anchor. They plan to return and photograph. Kevin asked about the location of the rock. Mr. Snow it was between the shallow and deep end of the permit area. Kevin observed that the winter may have favored the project. Mr. Snow noted that both NE and SE storms are helpful in uncovering the area.

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Kevin Mooney moved to renew reconnaissance permit No. 96-001 held by Underwater Discoveries Unlimited for its Wellfleet site with all standard conditions in effect and with the further condition that the permittee coordinate all field activities with the staff of the Cape Cod National Seashore. Dan Sampson seconded. Unanimous vote in favor. So voted.

Mr. Snow thanked the Board.

**B. Bassings Cove Maritime Association**

Victor reported that Bassings Cove Maritime Association (BCMA) had submitted its Excavation Permit renewal application and Annual Report in accordance with the Board's regulations. He noted they had again submitted a very thorough application. Victor also noted the Board would have acted on this permit in January, but that meeting was canceled due to weather. Tom Mulloy, Debra Jackson, and Hank Lynch were present to represent their permit.

Debra Jackson thanked the Board for their years of support. The large pieces of concretion exposed in previous year were still exposed this past season. The main concretion is still exposed and on the pedestal formation. To the east, inshore areas exhibited more exposed concretions. The artifacts coming out of the concretion were chiefly sheathing nails and one deadeye. The latter being the only rigging component found thus far. They are continuing their commitment to outreach and education working with the Norwell Public School in their elementary curriculum. Working with the Scituate Historical Society's Irish Mossing and Maritime Museum, they are creating an interactive outdoor exhibit, called Pathway to History, showing the concretion reduction process as a public version of their school program. They presented at the town-wide science program known as Scituate Public Schools "Science Spectacular" and were on Scituate Cable Access TV. They worked with South Shore Nature Center during the summer. They are hoping to be able to expand their programming into other schools.

Victor observed it was great to see the continuation and expansion of their education programming. He noted he was recently at conference where the focus was on public engagement. Hank Lynch noted the Society and their museum have been generous with them with providing interior and outside space. They have their safety protocols in place.

Kevin Mooney moved to grant, retroactive to 29 January 2015, renewal of the Excavation Permit (91-001) held by Bassings Cove Maritime Association for its Scituate site with all standard conditions remaining in effect and the additional condition that the permittee submit for Board approval a site assessment and detailed scope of work prepared by the project archaeologist prior to undertaking any site excavation activities relative to the removal of the main conglomerate. Graham McKay seconded. Unanimous vote in favor. So voted.

**C. James M. Karos**

Victor reported that James Karos had submitted his Reconnaissance Permit renewal application and Annual Report in accordance with the Board's regulations. He noted that Mr. Karos had previously asked for an extension in order to submit his complete application. Mr. Karos was in attendance to represent his application.

Mr. Karos apologized for the lack of permit activities, noting he was very busy with school. He is very interested in continuing the project. He noted there is the possibility of working with another party, Paul Calantropo, who was interested in the history of Chelsea Creek. Victor noted that Mr. Calantropo had contacted the Board in December regarding a shipwreck site in Chelsea Creek and was surprised to learn we knew about the site and that it was in Mr. Karos's permit area. Victor then suggested that he contact Mr. Karos. Mr. Karos noted that Mr. Calantropo informed him that there might be an easier access point than going through Global Oil.

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Kevin Mooney moved to grant, retroactive to 29 January 2015, renewal of Reconnaissance Permit (06-001) held by James M. Karos for his Chelsea Creek site (Revere/Boston) with all standard conditions remaining in effect. Dan Sampson seconded. Unanimous vote in favor. So voted.

**D. Raymond Hayes**

Victor reported that Raymond Hayes has submitted a renewal application and Annual Report in accordance with the Board's regulations. Given the high quality of work and reporting detailed in the past and current renewal applications, Victor asked the Board to consider granting renewal. Mr. Hayes was not present to represent his request.

There was no further discussion.

Lenny Loparto moved to grant renewal of the Reconnaissance Permit (07-001) held by Raymond A. Hayes for his Great Harbor, Woods Hole site with all standard conditions in effect. Kevin Mooney seconded. Unanimous vote in favor. So voted.

**E. David S. Robinson & Associates, Inc.**

Victor reported that David S. Robinson & Associates, Inc. had requested an extension of special use permit 14-001 until the Board's next meeting on May 28. He needed additional time to complete and submit his renewal application and annual report. .

There was no further discussion.

Graham McKay moved to extend the expiration date of Special Use Permit No. 14-001 held by David S. Robinson and Associates for the New Bedford Harbor Superfund Site Remediation Project for the area designated in his permit with until May 28, 2015, with all standard and special conditions remaining in effect. Jonathan Patton seconded. Unanimous vote in favor. So voted.

**F. Nicholas Snyder**

Victor reported the Nicholas Snyder had requested an extension of his excavation permit until the Board's next meeting on May 28. He needed additional time to complete and submit his excavation permit renewal application and annual report. Mr. Snyder was not present to represent his request.

There was no further discussion.

Kevin Mooney moved to extend the expiration date of Excavation Permit No. 11-002 held by Nicholas Snyder for his Gloucester site until May 28, 2015, with all standard and special conditions remaining in effect. Dan Sampson seconded. Unanimous vote in favor. So voted.

**G. Michael Jr. and Joseph Zdanowicz**

Victor reported he had sent several mail notices and emails to Michael and Joseph Zdanowicz regarding the impending expiration of their reconnaissance permit. He noted the Board had granted two extensions to their permit's original expiration date. In conformance with the Board's policy on granting no more than two extensions, he did not administratively extend their permit when it in January because he had not received any responses in any form from the Zadnowicz brothers. Therefore, the reconnaissance permit No. 11-006 expired naturally as of January 29, 2015.

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**6. NEW BUSINESS**

**A. HRA Gray & Pape, LLC.**

Victor reported that HRA Gray & Pape, LLC,, had submitted a Special Use Permit application for marine archaeological survey as part of the Long Island Bridge Utility Relocation Project in Boston and Quincy. Victor noted the application meets the requirements specified in the Board's regulations and that he provisionally issued the permit on 8 December 2014. Dr. Michael Tuttle was present to represent HRA Gray & Pape's application.

Dr. Tuttle noted the Public Archaeology Laboratory (PAL), as the project lead, had submitted the research design and methodology to the SHPO. PAL sub-contacted the underwater portion to HRA Gray & Pape. Work has been completed and no resources were identified. The report has been approved by the client and the Board should be receiving its copy shortly. There was no further discussion.

Kevin Mooney moved to grant Special Use Permit No. 14-003 to HRA Gray & Pape, LLC for the Long Island Bridge Utility Relocation Project for the area (as specified in the application) with all standard conditions in effect. Graham McKay seconded. Unanimous vote in favor. So voted.

**B. HRA Gray & Pape, LLC.**

Victor reported that HRA Gray & Pape, LLC, had submitted a Special Use Permit application for marine archaeological survey as part of the 102-148 Border Street Intertidal Survey Project in East Boston. Victor noted the application meets the requirements specified in the Board's regulations and that he provisionally issued the permit on 11 December 2014. Dr. Michael Tuttle was present to represent HRA Gray & Pape's application.

Dr. Tuttle noted the Public Archaeology Laboratory (PAL), as the project lead, had submitted the research design and methodology to the SHPO. PAL is responsible for the terrestrial portion of the project and sub-contacted the underwater portion to HRA Gray & Pape. Work has been completed. Six cores were recovered to identify paleosols. None were identified.

Kevin Mooney moved to grant Special Use Permit No. 14-004 to HRA Gray & Pape, LLC for the 102-148 Border Street Intertidal Survey Project for the area (as specified in the application) with all standard conditions in effect. Dan Sampson seconded. Unanimous vote in favor. So voted.

**C. HRA Gray & Pape, LLC.**

Victor reported that HRA Gray & Pape, LLC,, had submitted a Special Use Permit application for marine archaeological monitoring as part of the Consue Springs Pond Restoration and Storm Water Improvements Project in Nantucket. Victor noted the application meets the requirements specified in the Board's regulations and that he provisionally issued the permit on 16 March 2015.

Dr. Tuttle noted the Public Archaeology Laboratory (PAL), as the project lead, had submitted the research design and methodology to the SHPO. PAL is responsible for the terrestrial portion of the project and sub-contacted the underwater portion to HRA Gray & Pape. Jonathon Patton noted the research design and methodology has been submitted to the SHPO and it will require PAL He had provided comments on it. There was no further discussion.

Kevin Mooney moved to grant Special Use Permit No. 15-001 to HRA Gray & Pape, LLC for the Consue Springs Pond Restoration and Storm Water Improvements Project for the area (as specified in the application) with all standard conditions in effect and the further condition HRA Gray & Pape, LLC submit its monitoring research design and methodology to the State Historic Preservation Office (SHPO) for review. Graham McKay seconded. Unanimous vote in favor. So voted.

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**D. Public Archaeology Laboratory**

Victor reported that the Public Archaeology Laboratory (PAL) had submitted a Special Use Permit application for marine archaeological site examination as part of the Cummings Center Comprehensive Flood Mitigation Project in Beverly. The project area includes the John Friend Gristmill Site (BEV.HA.5). Victor noted the application meets the requirements specified in the Board's regulations and that he provisionally issued the permit No.14-005 on 29 December 2014.

PAL initially did not believe any archaeological work would be undertaken in the inter-tidal zone. Since that is no longer the situation, they are required to obtain our permit. This site is essentially a terrestrial industrial site. Graham asked where the site is located. Victor described the location along Route 62 and noted part of the mill race is under the highway.

Kevin Mooney moved to grant Special Use Permit No. 14-005 to the Public Archaeology Laboratory for the Cummings Center Comprehensive Flood Mitigation Project in Beverly for the area (as specified in the application) with all standard conditions in effect and the further condition Public Archaeology Laboratory submit its survey research design and methodology to the State Historic Preservation Office (SHPO) for review. Lenny Loparto seconded. Unanimous vote in favor. So voted.

There was no further business.

Kevin Mooney moved to adjourn the meeting at 2:26 PM. Dan Sampson seconded. Unanimous vote in favor. So voted.

Respectfully submitted,

Victor T. Mastone  
Director