

# MARINE PROTECTED AREAS



## *Marine Cultural and Historic Newsletter*

Monthly compilation of maritime heritage news and information from around the world  
Volume 2.2, 2005 (February)<sup>1</sup>

This newsletter is provided as a service by the National Marine Protected Areas Center to share information about marine cultural heritage and historic resources from around the world. We also hope to promote collaboration among individuals and agencies for the preservation of cultural and historic resources for future generations.

The information included here has been compiled from many different sources, including on-line news sources, federal agency personnel and web sites, and from cultural resource management and education professionals.

We have attempted to verify web addresses, but make no guarantee of accuracy. The links contained in each newsletter have been verified on the date of issue.

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Newsletters are now available in the [Cultural and Historic Resources section](#) of the MPA.gov web site. To receive the newsletter, send a message to [Brian.Jordan@noaa.gov](mailto:Brian.Jordan@noaa.gov) with "subscribe MCH newsletter" in the subject field. Similarly, to remove yourself from the list, send the subject "unsubscribe MCH newsletter". Feel free to provide as much contact information as you would like in the body of the message so that we may update our records.

### **Federal Agencies**

#### ***National Park Service (Department of the Interior)***

(courtesy of Erika Martin Seibert, [National Register of Historic Places](#))

From the very beginning, this nation has been tied to its oceans, lakes, and rivers. They are the borders that have kept us safe and the waterways of exploration and commerce. The sea-going challenge has been taken up by generations of American's, past and present. As a nation we first ventured to sea to seek new beginnings and in the exploration of a new continent, and as a nation we achieved greatness through boldness and mastery of our oceans, lakes and rivers. How much do you know about the Maritime History of this nation? What better way to learn about our Maritime History than by visiting a national park. The [National Park Service](#) (NPS) has the honor of preserving and managing numerous areas that commemorate Maritime History. Our Maritime History is celebrated in areas as diverse as [Boston National Historical Park](#) in Massachusetts, [Cape Lookout National Seashore](#) in North Carolina, [Golden Gate National Recreation Area](#) in California, and [New Bedford Whaling National Historical Park](#) in Massachusetts. "I invite everyone to explore the wealth of maritime history preserved in the National Park System and learn about the exceptional research projects conducted by the National Park Service," said Fran Mainella, Director of the National Park Service. "The struggles, ideals, and accomplishments of this nation can be found in our Maritime History and celebrated throughout the National Park System."

For more information, please read the news release at [http://www.nps.gov/pub\\_aff/maritime/news\\_release.htm](http://www.nps.gov/pub_aff/maritime/news_release.htm) and visit the web site at [http://www.nps.gov/pub\\_aff/maritime/celebrate.htm](http://www.nps.gov/pub_aff/maritime/celebrate.htm)

<sup>1</sup> All links current as of 02/25/05

## National Register of Historic Places

[Also, see entries under [Stellwagen Bank](#) and [Massachusetts](#)]

For more information on the National Register of Historic Places visit <http://www.cr.nps.gov/nr/index.htm>

### **National Oceanic and Atmospheric Administration (Department of Commerce)**

**The National Oceanic and Atmospheric Administration's Dr. Nancy Foster Scholarship Program** recognizes outstanding scholarship and encourages independent graduate level research -- particularly by female and minority students -- in oceanography, marine biology and maritime archaeology. Congress authorized the Program, as described in the National Marine Sanctuaries Amendments Act of 2000 (Pub. L. 106-513), soon after Dr. Foster's death in June 2000' as a means of honoring her life's work and contribution to the nation. The program is administered through NOAA's National Ocean Service and funded annually with one percent of the amount appropriated each fiscal year to carry out the National Marine Sanctuaries Act. The 2005-2006 application process begins February 11 and ends April 15, 2005. View or download (PDF, 7K) the Grant Notice at:

<http://fedgrants.gov/Applicants/DOC/NOAA/GMC/11429Foster06302004/Grant.html>.

View or download (PDF, 144K) the June 30, 2004 Federal Register Notices at:

<http://fedgrants.gov/EPSTData/DOC/Synopses/1250/11429Foster06302004/june%26%23032%3B30%26%23032%3B2004.pdf>. See the following sections: Proposal Review and Selections Process for Internships, Fellowships, and Scholarships and CFDA:11429 – National Marine Sanctuary Program.

View or download (PDF, 64 K) the portion of Pub. L. 106-513 that pertains to the Dr. Nancy Foster Scholarship Program at: <http://fosterscholars.noaa.gov/nfpubliclaw.pdf>

### **Marine Protected Areas Center (Department of Commerce/NOAA)**

Marine Protected Areas West Coast State Workshop on National System was held in Tiburon, California on Feb. 2-3, 2005. The workshop was hosted by the Resources Agency of California. Members of the workshop planning team included MPA Center staff Jonathan Kelsey, Brian Jordan, Sarah Lyons, and John Lopez, and state representatives including Brian Baird (CA), Athline Clark (HI), Doug Woodby (AK), Greg McMurray (OR), and Doug Myers (WA). Cultural Heritage breakout groups met during the sessions to discuss the cultural resource component of the National MPA System Development. Cultural resource managers in attendance included Allyson Brooks (WA), Dave McMahan (AK), and John Foster (CA). For more information, contact [Brian Jordan](#) at 301-713-3100, ext. 240 or [Jonathan Kelsey](#) at 301-713-3100, ext. 230.

The [Cultural and Historic Resources section](#) of the Marine Protected Areas (MPA) web site is now online. This section gives a brief overview of the cultural resources within U.S. marine managed areas, as well as providing access to the Marine Protected Areas [Cultural and Historic Resources monthly newsletters](#) (PDF format). This section of the web site will be further developed and expanded over the next year.

For more information, visit: [http://www.mpa.gov/information\\_tools/cultural\\_resources.html](http://www.mpa.gov/information_tools/cultural_resources.html) or contact [Brian Jordan](#) at 301-713-3100, ext. 240.

### **National Marine Sanctuaries (Department of Commerce/NOAA)**

#### **Florida Keys National Marine Sanctuary**

NOAA, the [National Oceanic and Atmospheric Administration](#), announces the availability of the draft revised management plan for the [Florida Keys National Marine Sanctuary](#) for public review and comment. NOAA is an agency of the [U.S. Department of Commerce](#). "The changes we're proposing to the sanctuary's management plan will ensure that our management strategies are keeping pace with the challenges facing our marine environment," said FKNMS superintendent Billy Causey. "We encourage everyone who is interested in the future of the Florida Keys coral reef ecosystem to review and comment on the proposed revisions which are designed to manage the area to optimize benefits to the ecosystem, the economy and public interest and safety." Changes to the management plan include the addition of four new action plans: science management and administration; natural resource damage assessment and restoration; day-to-day sanctuary operations, including administration, community outreach and policy

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For more information about this newsletter or if you have information you wish to be distributed, contact Brian Jordan, Maritime Archaeologist Coordinator, at (301) 713-3100 or e-mail at [Brian.Jordan@noaa.gov](mailto:Brian.Jordan@noaa.gov).

coordination; and evaluation of sanctuary activities. The document also outlines sanctuary accomplishments since its designation in 1990 and actions in the original 1997 management plan that have been completed. Major accomplishments include: a reduction in large ship groundings; improved water quality protection; improved response to vessel groundings and the restoration of damaged habitat; efforts to protect maritime heritage resources; increasing the number of mooring buoys; the marking of sanctuary zones; and improving waterway marking. NOAA will accept comments on the draft revised management plan through April 15, 2005.

Copies of the draft revised management plan are available by mail, at all three FKNMS offices, and on the FKNMS Web site at: <http://floridakeys.noaa.gov>.

### ***Gerry E. Studs* Stellwagen Bank National Marine Sanctuary**

NOAA, the [National Oceanic and Atmospheric Administration](#), today announced that the wreck of the Steamship *Portland* has been listed on the [National Register of Historic Places](#). The Registry is the nation's official list of cultural resources worthy of preservation. The *Portland* rests on the sea bottom in the [Stellwagen Bank National Marine Sanctuary](#) off the Massachusetts coast. "Three years of historical and archaeological studies by sanctuary researchers and other technical specialists have culminated in this significant achievement," said Stellwagen Bank National Marine Sanctuary Superintendent Craig MacDonald. "The *Portland* is the first shipwreck from the sanctuary to be included on the National Register of Historic Places."

The complete Press Release can be viewed at:

[http://www.sanctuaries.nos.noaa.gov/news/pressreleases/pressrelease02\\_17\\_05.html](http://www.sanctuaries.nos.noaa.gov/news/pressreleases/pressrelease02_17_05.html)

For more news about the Portland, see the entries under [Massachusetts](#).

(courtesy of NOS Weekly Update-February 18, 2005)

A historical perspective informs the management of marine animal populations at [Stellwagen Bank National Marine Sanctuary](#). Scientists are reconstructing the historical population of fish in the Stellwagen Bank National Marine Sanctuary by applying modern statistical models to historical and archival data. This innovative approach provides data that predates modern fisheries science, and extends understanding of what the system looked like prior to mechanized fisheries fleets. The [National Centers for Coastal Ocean Science](#) (NCCOS) and the [National Marine Sanctuary Program](#) (NMSPP) are jointly funding this prototype effort to bring new historical perspectives to marine resource management and conservation. If it leads to satisfactory results in the Sanctuary, the methodology will be applied to reconstruct historical changes in marine populations and the environment in other marine protected areas.

For more information, contact [Catherine Marzin](#) at [Catherine.Marzin@noaa.gov](mailto:Catherine.Marzin@noaa.gov).

### **Office of Ocean Exploration (Department of Commerce/NOAA)**

Dramatic new discoveries from today's explorations, deep-sea mysteries still being uncovered and historic maritime events from the past all shape our lives and fascinate educators and students alike. Beginning in January 2005, a three-part virtual teacher workshop, [Classroom Exploration of Oceans 2005](#), will bring these exciting topics to your classroom with a special focus on efforts currently underway to protect and conserve special places in the ocean and explore still unknown areas of the deep ocean. Classroom Exploration of Oceans 2005 is open to all educators. Resources included access to research findings, lesson plans, links to news stories, magazine articles, video clips, and Internet links. In addition, all participants will receive NOAA's [Office of Ocean Exploration's](#) educational resources and other lesson plans currently under development by [NOAA](#) and the [National Geographic Society](#).

From April 4 – 17, 2005, the ... series is entitled, "Mysteries and Sirens of the Deep – Shipwrecks and Underwater Sound, What Can They Teach Us?" This project is funded by a grant from the [National Marine Sanctuary Foundation](#) to the National Geographic Society. This project also benefits from support and partnership between NOAA's Office of Ocean Exploration, the National Geographic Education Foundation, the [National Marine Sanctuary Program](#), the [College of Exploration](#), the [University of Southern California Sea Grant](#) and [California State University at Fullerton](#).

Explore this exciting opportunity! Registration will open on March 21 at the following URL:

<http://www.coexploration.org/ceo>. For addition information, contact Francesca Cava at [francesca.cava@noaa.gov](mailto:francesca.cava@noaa.gov).

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### **Participation in the Preserve America Initiative (Department of Commerce/NOAA)**

Discover the *Treasures of NOAA's Ark*, the First Annual [NOAA Heritage Week](#), was held at NOAA's Science Center in Silver Spring, Maryland on February 7-11, 2005. As the nation's oldest scientific agency, NOAA has in its care a wealth of artifacts--from 19th century maps and charts to early scientific instruments--that recall the agency's proud heritage and legacy of service to the nation. NOAA dusted off a variety of rare treasures and placed them in a unique display designed to inspire the thrill of discovery, just like the early NOAA scientists surely did when they first used these items. Conservators were on hand to offer tips about caring for precious personal treasures and heirlooms, from old family photos to quilts, clothing, and other fabric items. Jack Kelly, Undersecretary for Ocean and Atmosphere, presided over the opening ceremony. John Jones, Deputy Assistant Administrator, NOAA Weather Service, and RADM Sam DeBow, Director NOAA Corps, NOAA Marine and Aviation Operations, spoke during Heritage Week.

A virtual tour of the event can be viewed at: [http://preserveamerica.noaa.gov/hw\\_gallery.html](http://preserveamerica.noaa.gov/hw_gallery.html) >

For more information, contact Cheryl Oliver at 301-713-3125, ext. 106.

Following on the heels of the spectacularly successful NOAA Heritage Week, NOAA mini grants for Preserve America projects are now available. NOAA is promoting the [Preserve America Initiative](#) internally by offering funds to implement projects that further the goals of the program. The total available for grants this year is roughly \$100K, and we hope to fund five to ten projects in the \$10K to \$20K range. These grants will be leveraged with partnership contributions, so the overall project scale can be much larger than just the NOAA contribution. Any NOAA employee can submit a project proposal, but keep in mind the short turnaround to get these funds out this year: deadline is March 28, 2005. NOAA's [Preserve America Initiative Grant Program](#) (PAIG) will provide funding for the best projects submitted by NOAA employees for: Preserving and highlighting NOAA's Heritage resources; Fostering heritage tourism in the United States and its territories; Boosting and recharging our partnerships; Promoting research of heritage resources; Developing education programs and events; Finding new and exciting ways to capitalize on NOAA's legacy. Funds will be awarded through NOAA program offices, though other federal, state, tribal, Native Hawaiian, academic, and non-profit organization can act as partners in the project. Ongoing projects will be considered, phased multi-year approaches are eligible although ongoing funding is not guaranteed, and multi-year projects must reapply annually.

For more information, visit: [http://preserveamerica.noaa.gov/hw\\_grant.html](http://preserveamerica.noaa.gov/hw_grant.html)

For questions, please contact John Collins at: [John.Collins@noaa.gov](mailto:John.Collins@noaa.gov)

### **Naval Historical Center (U.S. Department of the Navy)**

Scientists under the supervision of the [Naval Historical Center](#) (NHC) began work in February on the removal of the wooden bench the Civil War Confederate submarine [H.L. Hunley's](#) crew sat on to crank and propel it into world history. Archaeologists and conservators are hopeful that once the bench is removed, they will discover new *Hunley* artifacts. "I am pleased to see the project move into this phase of partial disassembly, both for what we may learn about the construction and operation of the submarine, but also because it allows for the conservation of the iron hull to move forward," said Dr. Robert Neyland, [Underwater Archaeology Branch](#), NHC. Neyland has supervised the recovery and conservation of the historic submarine since 1998. Storage space for the crew's personal belongings was extremely limited within the tight confines of the submarine. When the *Hunley* crew was preparing for their mission, the most logical place to store personal belongings while not interfering with the operation of the submarine was directly beneath the bench.

By Kellen Correia - Naval Historical Center Public Affairs©

[http://www.dcmilitary.com/navy/seaservices/10\\_07/national\\_news/33420-1.html](http://www.dcmilitary.com/navy/seaservices/10_07/national_news/33420-1.html)

Sea Services Weekly - Naval District of Washington,DC,USA (02/18/05)

[Also see the entry under [South Carolina](#)]

## Activities in States and Territories

### **Alaska**

(courtesy of Dave McMahan, State Archaeologist & Deputy [State Historic Preservation Officer](#) for Alaska) The [State of Alaska](#), the [University of Alaska Fairbanks](#), the [U.S. Minerals Management Service](#) and other associates requested a NOAA [Office of Ocean Exploration](#) grant for the archaeological documentation of several threatened historic shipwreck sites in Southeast Alaska. The grant was favorably reviewed by the NOAA's Office of Ocean Exploration peer review panel and was recommended for funding in 2005. Despite more than 33,000 miles of coast (about 40% of the U.S. coastline) and more than 3,000 known shipwrecks in Alaska waters, Alaska does not currently have a maritime archaeology program or a management plan specific to submerged heritage sites. The recent diffusion of new and inexpensive remote sensing, navigation, and diving technologies has resulted in a drastic increase in incidents involving the disturbance of protected submerged cultural resources. The State of Alaska is striving to build partnerships with federal agencies and academic institutions to begin generating the baseline data needed to identify, manage, and interpret its rich submerged cultural resources. In 2005, the State and its collaborators plan to collect baseline information for the *Princess Sophia*, the *Princess Kathleen*, the *Clara Nevada*, and other wrecks as time permits. This will be accomplished through archival research, interviews, reconnaissance surveys, collection of digital GPS data, and the analysis of sediment/biota samples adjacent to the wrecks. The project will comprise an important first step towards the development of a management plan for Alaska's submerged heritage sites and will set the stage for future investigations. For more information, contact Dave McMahan at [dave\\_mcmahan@dnr.state.ak.us](mailto:dave_mcmahan@dnr.state.ak.us).

### **Delaware**

State historians continue to sort and analyze shards of glass and pottery found on Lewes Beach in the fall, hoping to figure out whether they came from a shipwreck, a Colonial-era village or a combination of sources. The pieces are very old -- probably dating to the earliest years of European settlement along the Delaware coast. And historians know the fragments landed on the beach after a U.S. Army Corps of Engineers dredge hit something buried underwater about 2,000 feet offshore. Exactly what is down there should be more clear in the next two weeks, when divers begin to survey the spot off what now is Lewes Beach near Roosevelt Inlet. Solving the mystery of what officials call the "Lewes Discovery Site" is of interest to historians trying to better understand Delaware's past. But understanding Lewes and its environs is more complex than a typical inland archeological dig. In just a hundred years, water has dramatically resculpted the sands around Cape Henlopen. On that spit of sand where the Atlantic Ocean meets Delaware Bay, geologic changes can be measured in weeks or days. "It is a beautiful case of coastal evolution," said John C. "Chris" Kraft, professor emeritus in geology at the University of Delaware. "There is no better area than a cape, where you get rapid changes in landforms."

By Molly Murray - The News Journal ©

<http://www.delmarvanow.com/apps/pbcs.dll/article?AID=/20050216/NEWS01/502160314/1002>

Delmarva Daily Times - MD,USA (02/16/05)

### **Florida**

[Odyssey Marine Exploration, Inc.](#) ... , a leader in the field of deep ocean shipwreck exploration, has signed a contract with [RBK Architects](#) for the development and fabrication of two traveling exhibits. RBK joins a world-class team which includes Tampa's [Museum of Science & Industry](#) (MOSI), renowned exhibit planner, Chuck O'Connor and the in-house Odyssey Marine Shipwreck Attraction team, led by George Becker, Roger Kurz, and Sam Hutchins. The design and development of Odyssey's traveling exhibits are well underway. The exhibits will showcase the history, personal stories, artifacts, coins and images from the SS *Republic* and other shipwrecks throughout the world. Interactive elements and exhibits will present the science and technology Odyssey utilizes to conduct deep ocean shipwreck searches and archaeological excavations. Odyssey is incorporating the latest technology and techniques to immerse the visitor in the thrill of shipwreck exploration. RBK Architects has been creating innovative design solutions for over 30 years and has extensive experience organizing and planning interactive and traditional exhibit structures. RBK is assisting with the design, development and construction of the modular elements that will make up

the traveling exhibit. Odyssey is also utilizing RBK for their forward looking approach to the development and implementation of interactive technology.

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Odyssey Marine Exploration, Inc. Press release (02/02/05)

(courtesy of Jim Sinclair on the [Underwater Archaeology Discussion List](#))

Sumner Gerard, a New Yorker who became a Montana rancher and legislator before serving as a U.S. diplomat, has died at 88. Gerard died of natural causes Thursday at a hospital in Vero Beach, Fla., said his son, also named Sumner Gerard. Educated at Groton School and Cambridge University, Gerard moved from New York to Montana in 1949, operated ranches in the Dillon and Ennis areas, and had business interests in Billings and Bozeman. He was a Republican in the Montana Legislature from 1956-60 and 1962-66. He left Montana in 1969 to pursue a career as a diplomat and became a delegate to the Food and Agriculture Organization of the United Nations. In 1970, Gerard was named mission director in Tunisia for the U.S. Agency for International Development. He was the U.S. ambassador to Jamaica from 1974-77, appointed by President Nixon. In 1977, Gerard moved to Florida to pursue a lifelong interest in maritime affairs. He sponsored and participated in a number of underwater archaeology expeditions, and supported the study of marine biology. He became an adjunct professor of maritime archaeology at the University of Miami. Gerard was a benefactor of the Smithsonian Marine Station at Fort Pierce, Fla.

The Associated Press©

[http://seattlepi.nwsource.com/local/aplocal\\_story.asp?category=6420&slug=MT%20Obit%20Gerard](http://seattlepi.nwsource.com/local/aplocal_story.asp?category=6420&slug=MT%20Obit%20Gerard)

Seattle Post-Intelligencer-Seattle,WA,USA (02/26/05)

## Massachusetts

(courtesy of CZ-Mail, the monthly email update from the [Massachusetts Office of Coastal Zone Management](#))

The [Cape Cod Museum of Natural History](#) and the [Stellwagen Bank National Marine Sanctuary](#) are offering a 13-week course, titled, *Ocean Treasure: The Natural and Cultural Resources of the Stellwagen Bank National Marine Sanctuary*, on Tuesday evenings from 6-9 p.m. from February 1 through May 14 at the museum in Brewster. The course is designed for grade 5-12 educators, nature enthusiasts, scientists, and others and will feature 17 specialists presenting cutting-edge research. Those interested may attend the entire course, or individual lectures.

For more information about the lectures, presenters, costs, and registration, go to

<http://www.ccmnh.org/OceanTreasureCCMNH.pdf>.

The wreck of the steamship *Portland* has been added to the [National Register of Historic Places](#). It was found in the [Stellwagen Bank National Marine Sanctuary](#) off Cape Cod in 2002 and is already protected under federal law. The registry is the nation's list of places worthy of preservation. Sanctuary superintendent Craig MacDonald says the new designation could mean additional future protections and attract more research dollars by increasing the wreck's profile. The *Portland* sank in a vicious storm in November 1898.

Associated Press ©

<http://news.bostonherald.com/localRegional/view.bg?articleid=69162>

The Boston Herald-Boston,MA,USA (02/17/05)

[Also see the entry under [Stellwagen Bank National Marine Sanctuary](#)]

The wreck of the *Portland* sleeps 300 feet down, off the Massachusetts coast. Sunk by a giant storm, a winter nightmare of 100-mph winds and 60-foot seas. No chance for anyone. The *Titanic* of 1898. An estimated 192 people went down with her. Last week, it was announced that the wreck of the *Portland* has been listed on the [National Register of Historic Places](#). The steamship rests on the sea bottom in the [Stellwagen Bank National Marine Sanctuary](#). The registry is the government's official list of cultural resources worthy of preservation. It falls under the [National Park Service](#), according to the service's Web site. Being on the list could make the *Portland* site eligible for federal preservation funds, if available. In

2002, researchers determined that a wreck discovered in 1989 was indeed the *Portland*. Since then, sanctuary scientists and archaeologists have visited the wreck annually with underwater robots to monitor, study and document its condition. They have declined to disclose the exact location of the wreck, pending the development of a management plan.

By Eric Williams – Cape Cod Times©

<http://www.capecodonline.com/cctimes/sunkenportland22.htm>

The Cape Cod Times-Hyannis,MD,USA (02/22/05)

(The following updates are courtesy of Victor Mastone, Director [Massachusetts Board of Underwater Archaeological Resources](#))

David Trubey of [Masachusetts Board of Underwater Archaeological Resources](#) will be joining the Stellwagen staff on their research cruise next week.

The Winter 2004-2005 issue of *Coastline*, the annual magazine of [Massachusetts Coastal Zone Management](#), contains an article by David Trubey entitled "[Precious Cargo: Shipwrecks as Habitat](#)."

Download the entire issue (PDF format) at: <http://www.mass.gov/czm/coastlines/2004-2005/pdf/coastlines04-05.pdf>

[Massachusetts Secretary of Environmental Affairs](#) has established a Committee on Marine Protected Areas as part of the state's focus on ocean management issues. Victor Mastone, Director Massachusetts Board of Underwater Archaeological Resources, is a member the Committee to represent marine cultural heritage resources.

For more information on Massachusetts' Ocean Management efforts see:

<http://www.mass.gov/czm/oceanmgtinitiative.htm>

## Rhode Island

The [Rhode Island Marine Archaeology Project](#) [RIMAP] will offer classes this spring. Introduction is \$45 per person and all other classes are \$25. Nonmembers must add a \$25 membership fee. Pre-registration is required. Most courses will be taught at the RIMAP facility in Newport and specific instructions to participants will be sent with registration confirmation.

The Providence Journal©

[http://www.projo.com/eastbay/content/projo\\_20050222\\_ebrf22.446a572.html](http://www.projo.com/eastbay/content/projo_20050222_ebrf22.446a572.html)

For information and an application, write to RIMAP, Box 1492, Newport, 02840 or visit the RIMAP Web site, [www.rimap.org](http://www.rimap.org).

## South Carolina

(courtesy of Robert Mutch at <http://www.munarchaeology.com/munarchaeology/news/main.htm> )

On the anniversary of its sinking, a scientist said while it's still not known what sent the Confederate submarine [H.L. Hunley](#) to the bottom, the vessel will eventually give up its secrets. "There is no such thing as a smoking gun when you are conducting a forensic investigation," Maria Jacobsen, the senior archaeologist on the *Hunley* project, said Thursday. "Archaeology is the perfect forensic discipline. But in our case we have a very cold case. It's not 10 years old. It's over 140 years old," she said. "I'm very confident we will know what happened but it's a matter of time." Thursday was the 141st anniversary of the sinking of the first sub in history to sink an enemy warship. The 40-foot, hand-cranked *Hunley* rammed a spar with a black powder charge into the Union blockade ship *Housatonic* on Feb. 17, 1864. But the *Hunley* also went down and was finally located off Sullivans Island in 1995. It was raised five years later and brought to a conservation lab at the old Charleston Naval Base where it sits in a tank of chilled water.

By Bruce Smith – Associated Press ©

<http://www.thestate.com/mld/thestate/news/local/10925220.htm>

The State.Com – Columbia,SC,USA (02/17/05)

[For more *Hunley* news, see entry under [Naval Historical Center](#)]

## **From the Halls of Academia**

### **Texas A&M – Galveston**

[Texas A&M University at Galveston](#) once again is offering a summer camp for students interested in the ocean and marine life. [Sea Camp](#), geared for youths ages 10 to 18, will start May 29 and continue through July 30 in Galveston. The hands-on camp offers 15 topics and activities, including nautical archaeology and oceanography, marine mammal workshops, coastal camping, fishing, ecology, biology and coastal photography. Between 700 and 900 children attend Sea Camp each summer. Sea Campers will live for a week in residence halls on the Texas A&M at Galveston campus.

For more information, call 409-740-4525 or visit the Sea Camp Web site at [www.tamug.edu/seacamp](http://www.tamug.edu/seacamp).

Bryan College Station Eagle©

<http://www.theeagle.com/aandmnews/022105seacamp.php>

Bryan College Station Eagle - Bryan-College Station, TX, USA (02/21/05)

## **Global Perspectives**

### **Australia**

(This is a transcript from The World Today. The program is broadcast around Australia at 12:10pm on ABC Local Radio.)

Australia's convict history is dominated by images of the lash and leg irons, but archaeologists say that may be only a small part of the story. A survey of the wharves and jetties around the country's most notorious convict settlement at Port Arthur in Tasmania is uncovering evidence that industrial enterprise was far more widespread than previously thought. And those undertaking the survey say the expedition could prove convict authorities' drive for profit was just as important as its focus on punishment. About 20,000 men, women and children were transported from England and Ireland to be imprisoned at Port Arthur and 10 other convict outstations on the Tasman Peninsula, east of Hobart. And here they toiled in industries from agriculture to coal mining, shoemaking and shipbuilding, but historians say only the bare facts are known about their enterprises. Now archaeology lecturers and students from Adelaide's Flinders University are learning more, by investigating the remains of wharves and jetties from where the fruits of convict labour were shipped to Hobart for sale.

By Annie Guest – The World Today©

<http://www.abc.net.au/worldtoday/content/2005/s1299397.htm>

(Windows Media format) [http://www.abc.net.au/reslib/200502/r40312\\_102252.asx](http://www.abc.net.au/reslib/200502/r40312_102252.asx)

ABC Online – Australia (02/09/05)

[See entry in [Brunei Darussalam](#) Section]

### **Brunei Darussalam**

His Majesty Sultan Haji Hassanal Bolkiah, the Sultan of Brunei, has noted the role of culture in cementing relations between Brunei and Australia. His Majesty, who is currently in Australia, delivered the titah while viewing the [Sunken Treasures of Brunei Darussalam](#) Exhibition in Perth, Western Australia yesterday morning. On arrival at the [Western Australia Maritime Museum](#), His Majesty the Sultan was greeted by Mr. Graeme Henderson, the Director of the Maritime Museum. The shipwreck galleries were opened to the public in 1981. The museum is dedicated to maritime archaeology exploration, research and conservation of the shipwreck relics. The galleries display early exploration and shipwrecks discovered off the Western Australian coast. They dated back as early as the 17th century. His Majesty viewed various maritime exhibits starting from the canoe up to the development of modern racing sailing ships. The secrets of a massive shipload of ceramics that lay at the bottom of the Brunei Sea for 500 years are also revealed to Australians in this museum [the new maritime museum] in an exhibition called the "Sunken Treasures of Brunei Darussalam". The exhibition traces the archaeology expedition, which excavated the cargo of precious 15th to 16th Century Asian ceramics. The exhibits include more than 500 pieces of pots, jars and bowls. They are believed to have originated from Thailand, Vietnam and China's Ming Dynasty. The Sunken Treasures of Brunei Darussalam has given Australians a special insight into Brunei as a



leading maritime trading nation in the past. According to Museum officials, more than 100,000 people have visited the Brunei Sunken Treasures since it started in Sydney in December 2003.

Radio Television Brunei©

<http://www.brudirect.com/DailyInfo/News/Archive/Feb05/200205/nite02.htm>

Bru Direct - Brunei Darussalam (02/20/05)

## Canada

(courtesy of Robert Mutch at <http://www.munarchaeology.com/munarchaeology/news/main.htm> )

Archaeologists are showing off a treasure trove they call one of the most significant discoveries of Mi'kmaq artifacts in Nova Scotia. Hundreds of arrowheads and tools, some 8,000 years old, were discovered last summer along the Mersey River, near [Kejimikujik National Park](#) in the southwest region of the province. Workers from Nova Scotia Power were doing repairs to generating stations on the river. As water levels dropped in some areas, the riverbed was exposed for the first time since dams were built 70 years ago. Suddenly hundreds of artifacts appeared in the mud. "The quantity of material, the quality of material, the age range represented by the material, all is just fascinating for us," said archaeologist Bruce Stewart, who was hired to investigate. Pottery fragments, spear points, knives and other items were found around 109 ancient campsites. One barbed harpoon was once used to spear salmon and eels 3,000 years ago, Stewart said.

CBC News©

<http://www.cbc.ca/story/science/national/2005/02/17/artifacts050217.html>

CBC News – Canada (02/22/05)

## Republic of Cape Verde

The Republic of Cape Verde is planning a Maritime History Museum to be opened in Mindelo. And, thanks to an agreement signed in 1995 with the Republic with [Arqueonautas](#), a Portuguese company dedicated to surveying and excavating historical shipwrecks with full scientific backup, the museum may well be on its way to having lots of interesting exhibits. On its website, Arqueonautas describes its aim -- not to be treasure hunters, but rather to operate successfully as a privately funded "maritime archaeological organization". In accordance with the agreement, important or valuable objects have been replicated for public display at the Arqueonautas Conservation Center in Praia. Eventually, the entire project archive will be moved to the Maritime Museum. In addition, Arqueonautas has been training local Cape Verdean students in the methods of maritime archaeology and conservation so that a national team can continue the work once the license agreement had expired. After almost a year of searching the waters off the coast of Cape Verde, over 100 historic and modern shipwrecks had been uncovered. Although many of the sites have been vandalized and plundered, many artifacts have been recovered and conserved. Among these artifacts are approximately 45,000 coins and over 3,000 other artifacts and shipwreck material have been treated at this facility. There is also talk of a traveling exhibit at which many of the more valuable artifacts will be displayed.

The Standard Times©

<http://www.southcoasttoday.com/daily/02-05/02-13-05/a04lo522.htm>

The Standard Times-New Bedford,MA,USA (02/13/05)

## Greece

(courtesy of Robert Mutch at <http://www.munarchaeology.com/munarchaeology/news/main.htm> )

When a few months ago a leading light in the field of underwater exploration, Robert Ballard, visited Athens, he warned Greeks to guard their wrecks as if he knew what was coming. A bill just released by the Merchant Marine Ministry on underwater diving appears to have raised the more general issue of protecting antiquities in Greek waters. The draft legislation bans recreational diving at underwater archaeological sites. However, the problem is that there are not only specifically designated sites but many others that have not yet been delineated. And because this is Greece, there is no guarantee of protection since the state is not in a position to check the looting of antiquities. The majority of archaeologists have taken issue with the provisions of the bill, as have several environmental organizations such as the Hydra Ecologists' Association "Hydran Seal," the Society of Greek Archaeologists and even professional fishermen who claim the bill will be the coup de grace for their industry. The Environment and Sustainability Chamber

recently held a two-day conference to air all their existing reservations about the ministry's bill on "recreational diving." As concern mounts, given the fact that Greece resembles an entire unguarded maritime museum, more groups are joining in the protests against the bill, and the issue has gone from the Greek to the European Parliament. Naturally, the seabed is not an easy place to protect archaeological treasures. For example, in recent years the Underwater Antiquities Ephorate, in cooperation with the Hellenic Center for Marine Research, has found 25 wrecks, but experts know there are more than 1,000 in Greek waters. The seabed cannot be guarded in the same way as antiquities on land; ancient wrecks and their cargoes are at the mercy of anyone who knows how to dive. There have been attempts to loot a wreck containing sarcophagi near Methoni, the wreck at Porto Koufo on Alonissos, the post-Byzantine wreck of Nisyros, a Byzantine wreck off Kastellorizo and another off Antiparos, among others.

By Iota Sykka – Kathimerini©

<http://www.ekathimerini.com/4dcgi/news/content.asp?aid=52587>

Kathimerini-Greece (02/04/05)

## India

You could soon join the search for the lost world, the Dwarka of Lord Krishna. A sports firm, bringing Gujarat's first scuba diving project near Bet Dwarka, will combine fun and archaeology as divers can look for the Lord's abode, considered the Holy Grail of Indian archaeology for long. The company claims that it will be for the first time that people can dive and see an ancient submerged city. On Thursday, the Gujarat government will sign an MoU with Adventure Sports Limited, a firm working in the field of adventure sports and adventure tourism in the country, at Jamnagar. The MoU entails two major projects — the scuba diving project off Bet Dwarka or Shankhodar, the island on which Dwarka is located now, and a centre for scuba diving in the Marine National Sanctuary. Feasibility study of the projects are awaited.

India Times News Network©

<http://timesofindia.indiatimes.com/articleshow/1015511.cms>

Times of India - Mumbai, India (02/08/05)

## Iran

Iran's cultural heritage is facing almost unquantifiable damage from an ambitious programme of dam building. There are currently 85 dams under construction across the country, part of a programme that the Iranian government promotes with a considerable amount of national pride. It is an understandable concern in a dry country, parts of which are recovering from a seven-year drought. The dams are also connected to a programme of hydro-electric production that is seen as an essential part of a process of modernisation and industrialisation regularly highlighted by government issued targets and figures. By March of this year, hydro-electric power is expected to produce around 5,500 megawatts of electricity, rising to 14,000 megawatts by 2021, representing 20% of Iran's total usage. In its desperate attempts to mount salvage operations, the Iran Cultural Heritage Organisation (ICHTO) has found itself not only obstructed by the Energy Ministry, but close to being in open opposition to the government. With little time remaining to survey the sites under threat, it is possible that the true extent of what will be submerged beneath the waters of these reservoirs will never be known, a potential cultural tragedy in a country often referred to as the cradle of civilisation. At least five dams, all in advanced stages of construction, have been identified as threatening sites of particular importance. On 8 November, the waters began rising in the reservoir behind the biggest and most advanced of these projects, the Karun-3 Dam, on the Karun River, around 28 kilometres east of the ruins of the ancient city of Izeh. In a clear display of dissent, ICHTO officials refused to attend the opening ceremony attended by Energy Minister Habibollah Bitaraf. By 14 November, the historic Shalu Bridge, Iran's first suspension bridge, had already been submerged.

The Art Newspaper©

<http://www.chn.ir/english/eshownews.asp?no=4741>

Iranian Cultural Heritage News Agency - Tehran, Iran (02/10/05)

A team of Iranian and Italian archaeologists collected 4000 shards, some dating back to about 2500 years ago, from Tang-e Bolaghi, which will be flooded by the waters of the Sivand Dam, the director of the Iranian archaeological group said on Wednesday. Situated in Fars Province, Tang-e Bolaghi is located only four kilometers away from Pasargadae, the first capital of the Achaemenid dynasty (about 550-331 B.C.)

and the residence of Cyrus the Great, the founder of the Persian Empire. Pasargadae was registered on UNESCO's World Heritage List last July. "The categorization of the shards can provide important information for experts because not much data has been gathered about the last periods of the Achaemenid and Sassanid dynasties in Fars Province," Alireza Asgari added. "The discovered shards will also provide some information on local, Seleucid, and Parthian rulers as well as on ordinary people living in the region," Asgari said. Some experts believe that Tang-e Bolaghi was once a part of the ancient imperial route connecting Pasargadae to Persepolis and Susa. The ancient area also contains sites from the Neolithic and Paleolithic periods, the middle and late Elamite era (2700-645 B.C.), and the Sassanid era (224-651 C.E.). With no expert-level feasibility studies conducted beforehand, construction of a dam was begun in 1992 in the region of Tang-e Bolaghi. The dam is scheduled to be completed by March 2006 and afterwards a part of the ancient city will be buried under tons of mud from the Polvar River. A number of other dams, all in advanced stages of construction, have been identified as threatening Iran's ancient sites in several provinces including Gilan in the north, Kermanshah in the west, Khuzestan in the southwest, and East Azarbaijan in the northwest. The reservoir of the Karun-3 Dam in Khuzestan was recently filled and a large amount of the cultural heritage of ancient Izeh became new sites for underwater archaeology!

MehrNews.com©

<http://www.mehrnews.ir/en/NewsDetail.aspx?NewsID=160048>

MehrNews.com - Tehran, Iran (02/13/05)

## United Kingdom

(courtesy of Robert Mutch at <http://www.munarchaeology.com/munarchaeology/news/main.htm> )

Heritage Minister Andrew McIntosh today announced the creation of a National Historic Ships Unit.

Giving evidence today to the [Select Committee on Culture, Media and Sport](#), Andrew McIntosh said:

"Historic Ships are an important part of our rich maritime heritage and this year's 200th anniversary of the Battle of Trafalgar underlines that. But the approach to the preservation of historic ships has been fragmented and uncoordinated with no clear sense of priorities. "We are therefore committed to delivering a national policy on ship preservation that preserves the best of our maritime heritage and we have consulted widely. Following consultation I am today announcing the establishment of a National Historic Ships Unit to advise the Government on policy and funding priorities for historic ships, to co-ordinate work within the sector to assist those directly engaged in preservation; and to maintain an up to date register of the historic fleet, including the National Register of Historic Ships and "At Risk" register. The Unit will encourage a better understanding of the costs of restoring and maintaining historic vessels; advise the Heritage Lottery Fund on ship preservation priorities and bids for funding and promote historic ships to a wider audience."

Department for Culture, Media and Sport©

[http://www.wired-gov.net/WGArticle.aspx?WCI=htmArticleView&WCU=ARTCL\\_PKEY=29586](http://www.wired-gov.net/WGArticle.aspx?WCI=htmArticleView&WCU=ARTCL_PKEY=29586)

Wired-Gov – United Kingdom (02/02/05)

(courtesy of Robert Mutch at <http://www.munarchaeology.com/munarchaeology/news/main.htm> )

Long term cash to help preserve the medieval ship found in mud in the river Usk needs to be secured, Newport Council has warned. Hundreds of timbers from the ship are being kept in clean water in special tanks at a warehouse in the city, with a multi-national of experts working on them. But the council said it might have problems in finding the £300,000 needed each year, as part of the long-term preservation project. The 15th Century remains were uncovered by builders, during excavation work for the £16m centre in 2002. Archaeologists believe the find could be more significant than the discovery of the Tudor ship, the *Mary Rose*.

BBC News©

[http://news.bbc.co.uk/1/hi/wales/south\\_east/4268043.stm](http://news.bbc.co.uk/1/hi/wales/south_east/4268043.stm)

BBC News-United Kingdom (02/15/05)

## **The Reference Library**

### **Pride of the Inland Seas: An Illustrated History of the Port of Duluth–Superior (2004) by Bill Beck and C. Patrick Labadie**

11 1/2" x 8" (vertical format), 288 pages, 200 color and b/w illustrations. ISBN: 1-890434-55-8

French-Canadian Voyageurs began striking inland from the Head of the Lakes in the 17th century, searching for pelts to transport back down the Lakes to Montreal. Today, more than 300 years later, Duluth–Superior remains one of North America's most important ports, handling millions of tons of commodities during the ten months each year the Great Lakes are ice-free. Set against a backdrop of the key industries that helped build North America: iron and steel, forest products, grain, and coal, *Pride of the Inland Seas* tells the fascinating tale of the development of the Twin Ports during three centuries of economic, technological, political, and social change. This is the story of the people at the Head of the Lakes who built, loaded, and sailed the ships that have made Duluth-Superior synonymous with Great Lakes maritime commerce.

For more information about this book: Afton Historical Society Press <http://www.aftonpress.com>

### **Memoirs, no. 39: Ships and Shipwrecks of the Au Sable Shores Region of Western Lake Huron (2004) by John M. O'Shea**

116 pp, 13 tables, 87 figs. ISBN 0-915703-57-2

Focusing on this area of coastline particularly known for vessel strandings, this volume includes: histories of over 50 lost vessels; a description of remains of vessels and wreckage documented during archaeological research in the area; an analysis of shoreline change in the last 150 years and a model for matching wreckage to lost ships. This book will be of interest to archaeologists, historians and anyone who loves the Great Lakes.

For more information about this book: University of Michigan's Museum of Anthropology <http://www.umma.lsa.umich.edu/Pub/main/about.htm>

### **Marine Archaeology (Recent Advances) (2005) by Alok Tripathi**

xvi+176pp; appendix; index; figures; b/w and colour plates; 29cms. ISBN: 8173200572

Vast water area in and around India is exceptionally rich in underwater cultural heritage. This book is aimed to provide firsthand information about this nascent branch of archaeology. The book provides an introduction with the subject with information on recent advances made in this field. Results of the fieldworks at Mahabalipuram and Arikamedu in the Bay of Bengal and Elephanta in the Arabian Sea reveal important information to understand the mechanism of overseas commerce with Mediterranean world, seafaring activities in Indian Ocean and coastal changes. Study of Dwarka, Bet Dwarka and Mahabalipuram also generate valuable data for the scientific study of shoreline changes and their effect on the coastal monuments. Excavation of an eighteenth century shipwreck Princes Royal at 54 m depth with detailed documentation in the Arabian Sea tells about the status of underwater archaeology and deep diving capabilities. The UNESCO Convention and the ICOMOS Charter on Underwater Cultural Heritage would be useful for the protection and preservation of the underwater cultural heritage. Profusely illustrated with underwater photographs, line drawings and maps this book embodied the latest researches in marine archaeology and will fascinate not only the scholars and serious students but also the common reader.

For more information about this book: Akhil Books <http://www.akhilbooks.com/servlet/akgetbiblio?bno=001579>

## Upcoming Events

**The Florida Underwater Archaeology Conference** in conjunction with the 57th Annual Meeting of the Florida Anthropological Society announces the call for papers. Abstracts are due by February 10, 2005. The meeting will be held May 13-15, with papers to be given on Saturday, May 14th. Hosted by the Florida Museum of Natural History and the University of Florida, Gainesville. Information and forms on the Florida Anthropological Society's website: <http://www.fasweb.org/>. The local contact for any further information will be: Donna Ruhl, [ruhl@flmnh.edu](mailto:ruhl@flmnh.edu), 352-392-1721 x. 493

**Journal of Marine Archaeology & Technology (JMAT).** The Marine Archaeology Committee of the Marine Technology Society is launching a new journal entitled the Journal of Marine Archaeology & Technology. The journal will be an on-line publication, published twice a year. Submissions will be reviewed by the editorial board and focus on applied research, not archeological theory. We are now accepting articles for inclusion in the inaugural issue of the Journal scheduled for May of 2005. Topics for consideration include, but are not limited to: General underwater archaeological exploration and excavation; Conservation of marine archaeological material; Deep-water exploration and excavation projects; Deep-water exploration and excavation technology; Archaeological survey techniques and mapping technologies

For more information and submission guidelines:

[http://www.mtsociety.org/pro\\_committees/marine\\_archaeology/JMAT.html](http://www.mtsociety.org/pro_committees/marine_archaeology/JMAT.html)

NOAA's **Preserve America Initiative Grant Program (PAIG)** deadline for receiving grant proposals is March 28, 2005. [See entry under [Preserve America Initiative](#)]

**Mysteries and Sirens of the Deep – Shipwrecks and Underwater Sound, What Can They Teach Us?**, a virtual workshop, will be held from April 4-17, 2005. [See entry under [Office of Ocean Exploration](#)]

**The Annual Meeting of the North American Society for Ocean History** will be held in Savannah, GA from May 18-22. The Conference is being held jointly with a meeting of the National Maritime Historical Society and American members of the Society for Nautical Research. More information is available on the NASOH websites: <http://www.ecu.edu/nasoh/index.htm>

**Sea Camp at Texas A&M University – Galveston will start May 29th.** [See entry under [Hall of Academia](#).]