



# PONCE DE LEON INLET LIGHT STATION

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- 2** FROM THE EXECUTIVE DIRECTOR
- 3** EVENTS CALENDAR
- 4** RESTORATION & PRESERVATION  
RESTORATION OF AN INTERIOR
- 6** FEATURE ARTICLE  
CHANCE BROS. HISTORY
- 8** OBJECTS OF THE QUARTER  
LUMBER INDUSTRY ARTIFACTS
- 9** THANK YOU & WISH LIST
- 10** LIGHOUSES OF THE WORLD  
PORT WASHINGTON
- 10** EDUCATION & VOLUNTEER NEWS
- 12** 120TH ANNIVERSARY SPONSORS
- GIFT SHOP FEATURES



I would like to take this opportunity to express my sincere appreciation to the Light Station's many supporters who contributed towards the 2008 Annual Fund Drive. Your financial support is instrumental in assisting the Association in its continued mission to preserve and disseminate the maritime and social history of the Ponce de Leon Inlet Light Station. I would also like to thank Charles Graham for his generous donation of stocks. This unique method of financial support has enabled the Association to establish a brokerage account that will now pave the way for others to donate similarly. This year, the Graham Family donation, in the name of Susan Graham, will be applied to the continued development of the museum's Lighthouses of the World interactive exhibit located in the pantry of the Principal Keeper's Dwelling. Donor support enables the Association to continue its ongoing preservation, restoration, and educational efforts. Please visit us online at [www.ponceinlet.org](http://www.ponceinlet.org) for more information regarding financial support options.

I am pleased to report that the interior restoration of the Second Assistant Keeper's kitchen and living room, begun in the fall of 2007, has been completed. This ambitious project involved the cleaning and replacement of interior woodwork, the refinishing of the hardwood floors, and most recently, the preservation and restoration of the historic walls and ceilings in both spaces using specially formulated historic plaster. Please refer to the article located on page four for more information regarding this important restoration project.

The Association is proud to announce a new addition to its renowned collection

of historic lighthouse lenses. Acquired in December, 2007, the Association's newest acquisition is a rare Chance Brothers, 3rd order middle Fresnel lens, circa the 1850s. Complete with cast iron pedestal, incandescent oil vapor lamp, and paraffin pressure tanks; this rare example of English lens manufacturing represents one of only a few complete Chance Brothers lenses in the nation. The lens will be installed in the Ayres Davies Lens Exhibit following a thorough restoration by the Association's Lens Restoration Team.

In light of the Association's growing need to safeguard the Light Station's historic structures and growing inventory of valuable artifacts, the Board of Trustees determined that the time had come to upgrade the facility's security system. Association staff began work on this important project in late January with the installation of a new network of underground conduit. We are happy to announce that the project was completed in early March with the installation of state of the art security cameras and associated hardware. The new video surveillance system will enable all of the museum buildings and exhibition areas to be constantly monitored, thus insuring the protection of our valued artifacts, grounds and acquisitions for many years to come.

Once again, I would like to give a sincere thank you to our donors who make the vision of the Ponce Inlet Lighthouse Preservation Association a reality.

Respectfully,

*Ed Gunnlaugsson*  
EXECUTIVE DIRECTOR

THE PONCE DE LEON INLET LIGHTHOUSE PRESERVATION ASSOCIATION IS DEDICATED TO THE PRESERVATION AND DISSEMINATION OF THE MARITIME AND SOCIAL HISTORY OF THE PONCE DE LEON INLET LIGHT STATION.

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Subscription is a benefit of membership in the Association. The Light Station welcomes letters and comments from our readers.

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Apr. 9, 2008 Budget & Finance/Endowment  
WEDNESDAY Committee Meetings  
Apr. 21, 2008 Board of Trustees and  
MONDAY Quarterly Membership Meeting  
May 19, 2008 Board of Trustees Meeting  
MONDAY  
Jun. 16, 2008 Board of Trustees Meeting  
MONDAY  
ALL MEETINGS ARE HELD IN THE GIFT SHOP  
CONFERENCE ROOM



**CORPORATE LAMPISTS**

- Battelle Institute**  
COLUMBUS, OH
- Bennett Brothers Construction**  
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- Boondocks Restaurant**  
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**LIGHTHOUSE EVENTS APRIL–JUNE 2008**

**APR 4 (FRI)**  
1:00 – 2:00PM

**CANAVERAL LENS DEMONSTRATION**

Meet the old-time Lighthouse Keepers as they perform maintenance on the Canaveral first-order Fresnel lens. Learn about life at the light station at the turn of the century and common duties performed by the keepers stationed here.

**JUN 7 (SAT)**  
10:00 AM – 2:00 PM

**GIRL SCOUT DAY**

Calling all Girl Scouts! Come and enjoy the lighthouse and museum while working on requirements for the Lighthouse Brownie Try-It, the Junior Lighthouse Badge, or the Lighthouse Interest Project. Reserve your place by logging on to [www.ponceinlet.org](http://www.ponceinlet.org), and clicking on Merchandise. Then click on Girl Scout Day and follow the prompts.



**2008 SPRING & SUMMER LIGHTHOUSE HOURS**

**NORMAL HOURS OF OPERATION**

**SEPTEMBER 4, 2007– MAY 25, 2008** Open daily from 10:00 a.m. until 6:00 p.m. (last admission at 5:00 p.m.)

**MAY 26, 2008– SEPTEMBER 1, 2008** Open daily from 10:00 a.m. until 9:00 p.m. (last admission at 8:00 p.m.)



## RESTORATION OF AN INTERIOR

Major changes have been underway for many months in the Second Assistant Keeper's dwelling here at the Light Station. While being used as Ponce Inlet's Town Hall in the early 1960s, a number of alterations were made to the building's interior. The wall between the kitchen and the living room was removed to create a meeting space at the time. Dark wood paneling, installed during the Town Hall years, still covered the walls until we began this project. Incompatible plaster repairs marked the ceiling, and water damage had caused the plaster to fail in some areas around the windows.

Ed Milano, the Association's resident expert in historic masonry repair, was selected to lead the new restoration project with the help of Steve Linkfield, Jimmie Vanover, Pat Satterfield, and Bob McClean. As many readers may recall from previous newsletter articles, several of the Lighthouse's staff were certified in historic masonry repair last year by Chuck Spitznagel, head mason for Cathedral Stone Products of Maryland. Cathedral Stone supplies the historic pointing mortars used in exterior masonry repairs. Mr. Spitznagel visited the Lighthouse again on August 14 - 15, 2007, and helped us prepare for the new restoration project. We were all surprised to find ourselves beginning the consultation session with an unexpected fireplace repair!

As we examined damaged plaster in the living room of the Second Assistant Keeper's dwelling, we realized that the fireplace mantel would have to be removed in order to better assess damage to the surrounding walls. As soon as the mantel came off, we knew we had an important and immediate repair to make.

A steel bar that had been placed under the fireplace's supporting arch had rusted. The expanding steel caused rust jacking of the bricks and a large compression crack had formed. This crack was not in the original fireplace walls but in the walls of a brick liner that had been built into the firebox at some unknown point in time. The purpose of this liner is not known, but perhaps the keepers were hoping to get more heat reflected into the room by making the firebox shallower.



ED MILANO WORKS ON THE LIVING ROOM FIREPLACE REPAIR IN THE SECOND ASSISTANT KEEPER'S DWELLING.

The left wall of the liner had bowed out and was threatening the entire fireplace with collapse. A repair had to be made on the spot. The rusted steel bar would have to be replaced with a new piece of rebar while a 2" x 4" jack held up the delicate fireplace arch. Additional items on our immediate to-do list included repairs to the bulging liner and the removal and replacement of several bricks in the fireplace arch.

As we prepared to carry out the repairs, we also had a chance to closely examine the wooden mantel. It was thrilling to discover that the original carpenter for the job had written his initials and the date August 6, 1887 on the back of



AUGUST 6, 1887 WAS WRITTEN ON THE BACK OF THE LIVING ROOM FIREPLACE MANTEL.

the mantel - he had done this almost 120 years to the day that we began our repair effort!

At some point in the dwelling's history, a hole had been cut into the wall above the mantel to allow a stove pipe to vent into the chimney. Since this was not part of the room's original design, we decided to brick up the hole and cover it with plaster. Someone in the past had rather inventively plugged the hole, probably to prevent loss of cool air, using a terra cotta pot. Pat Satterfield gamely entered the chimney and pushed the pot out. It was not a flower pot. The plug turned out to be a gum pot, used in the early Florida timber industry to collect pine resin to be used in making turpentine. The pot was a ribbed Herty design, similar to several already in our collection. (Please see the Object of the Quarter article in this issue for more details about this interesting find.)

We turned our attention to the rest of the living room and kitchen area once the living room fireplace was finished. When the old paneling was removed from the kitchen, the original bead board, installed to protect the lower part of the walls from damage, was revealed. The original chair rails had been removed to allow for the installation of the Town Hall paneling, so our maintenance crew would have to copy original chair rails from the other dwellings. Some other woodwork would also have to be replaced with



MODERN PANELING HAD TO BE REMOVED.



ORIGINAL BEADBOARD WAINSCOTING WAS HIDDEN UNTIL PANELING WAS REMOVED IN THE KITCHEN AREA.

copies, but the majority of the wood was in excellent condition. Conservator-approved wood fillers and wood repair products were ordered to use in stabilizing the bead board wainscoting.

Removal of the paneling also revealed that most of the original wall plaster had been removed and the bricks exposed. The restoration team would restore these areas using the traditional three coat method taught to them by Chuck. Once again, evidence was found of the original builders. A patch of original plaster remaining on the kitchen's east wall plainly showed how the mason had scored the wet mortar to help the next coat adhere. It was interesting to see how the exact same techniques used in the building's original construction would be used once again nearly 120 years later!

We tried to save as much of the original plaster in the living room as possible. Areas of loose plaster on the walls and ceiling were identified and removed. Old and incompatible patches in the plaster were removed, and old layers of paint were stripped away. As with all our rehabilitations and restorations, a few untouched areas were left behind for future curators and conservators to examine and analyze. Samples of original plaster and paint chips were also stored for later analysis.





STEVE LINKFIELD USES AN INFRARED PAINT REMOVER ON THE CEILING.



ED MILANO MAKES A CEILING REPAIR



PATRICK SATTERFIELD INSTALLS LIGHTING IN THE COMPLETED ROOM.

The decision was made to consult with a St. Augustine firm that possessed a working knowledge of Cathedral Stone products shortly after we began our preliminary plaster work. Coenraad Van Rensberg of Latitudes, Northeast Florida, agreed to spend a day with our maintenance crew to help refine our techniques and solve some of our plastering problems. Accompanying Coenraad was his skilled assistant, Antwa Botes. The two experts spent several hours training staff in the finer art of traditional plaster application and restoration.

After weeks of preparation, we were ready to repair the plaster walls and ceilings in the Second Assistant Keeper's dwelling in accordance with the federal standards of historic rehabilitation. As with all the historic buildings at the Ponce Inlet Light Station, our principal goal in the Second Assistant's dwelling was to disturb as little of the original surface as possible and to work with compatible materials in traditional ways.

In order to create a good bond between the original wood laths on the ceilings and interior walls, horsehair had to be added to the plaster base coat in those areas. Board of Trustees member Tami Lewis obligingly clipped her horse's hair in order to contribute to this phase of the restoration. Plaster without horsehair could be applied directly to the brick. We decided to leave



THE LIVING ROOM IS NEARLY COMPLETED.



THE RESTORATION TEAM TAKES FIVE. FROM LEFT: STEVE LINKFIELD, ED MILANO, JIMMIE VANOVER, AND BOB MCLEAN

an exposed area near the pantry for an exhibit of the three-coat plastering process.

In order to be more effective at stripping paint, we purchased an infrared paint removing device made by EcoStrip. This was developed to safely remove paint from wood without causing damage or releasing lead into the air. It proved effective on plaster, and we quickly put it to use on the ceilings to help remove multiple layers of old paint.

In the past, calcimine, a traditional mixture of glue, water, and a whitening agent such as calcium carbonate, had been applied to the ceilings. This was a cheap way to apply a wash to ceilings and sometimes walls. There are a number of keeper's log entries that record calcimine applications inside our historic dwellings. The calcimine formed an extremely glossy and hard surface that had to be roughed in order for new paint to be applied.

After the paint and calcimine removal problems had been solved and the walls had been repaired or re-plastered, a new issue arose. The new wet plaster was causing moisture to wick into the room from the exterior bricks. This is actually how the historic walls were supposed to function. Moisture would wick out when the sun warmed the bricks. Salts from the atmosphere and from

rain would be able to pass freely through the masonry rather than accumulating in the bricks and mortar to cause cracking of the bricks. However, the water in the new plaster was attracting much more moisture than was normal, and work had to stop for several weeks to allow the walls to dry.

While the walls dried, we turned our attention to preparing and painting the woodwork, to repairing the fireplace hearths, and to sanding the wood floors. A decision was made to mortar in the bricks of both fireplace hearths rather than set them in sand as was done originally. This accommodation is to protect the hearths from the foot traffic in this building.

The interior ceilings and walls were painted with a special paint from Cathedral Stone called Silin Silith. When used over traditional plaster, this paint allows moisture to pass in and out, as it was meant to do. Modern oil and latex paints can sometimes trap moisture between the paint and the historic masonry, causing mildew and moisture damage.

With this portion of the building's restoration complete, many new objects and text panels have been placed on exhibit in the renovated space, including a rare Lighthouse Inspector's pennant and numerous items regarding the lives of the



PLASTER DAMAGE ON THE SOUTH WALL OF LIVING ROOM.

CONTINUED ON PAGE 8 >



# CHANCE BROTHERS HISTORY

The Light Station has recently acquired an outstanding example of British Fresnel lens manufacturing. In 1824, Robert L. Chance purchased the glassworks of the British Crown Glass Company. Crown glass refers to two types of glass. The first is an early window glass that was made by blowing the glass into a "crown" or hollow globe. The bowl-shaped piece of glass was then reheated and flattened into a large disk and then cut into the required sizes. The second type of crown glass refers to an optical glass made from several different formulas which may contain arsenic and flint.

The company encountered financial difficulties in 1832. William and George Chance invested in the struggling enterprise which then became known as Chance Brothers and Company. The business benefited from the skills of French glass makers who were leaders in the field, and Chance Brothers quickly forged ahead in the manufacture of cylinder blown sheet glass. They became the largest British manufacturer of window and plate glass as well as optical



SIR JAMES TIMMONS CHANCE

glass, making all sorts of scientific products such as beakers, retorts, glass slides, and lenses. In 1850 they secured the contract for the glazing of the spectacular Crystal Palace that housed the Great Exhibition of 1851.

Sir James Timmons Chance founded the lighthouse works of Chance Brothers, once again building on the skills of the French, specifically Augustin-Jean Fresnel, inventor of the Fresnel lens. At first, the company produced only glass



CHANCE BROTHERS LENS WITH PEDESTAL, FUEL TANKS, AND INCANDESCENT OIL VAPOR LAMP.

prisms and lenses for lighthouses. When complaints came in regarding the effectiveness of their prisms, investigation revealed that it was not the quality of the glass but errors in setting the prisms causing the problems. The company determined to make their own lenses and eventually manufactured every piece of the necessary equipment including lenses, lamps, rotational mechanisms, fog signals, and even plans for entire lighthouses. The first illuminant used in Chance Brothers lenses was



CHANCE BROTHERS GLASSWORKS, NEAR BIRMINGHAM, ENGLAND





CHANCE BROTHERS LENS WITH DOOR OPEN TO REVEAL INCANDESCENT OIL VAPOR LAMP.

kerosene. In the 1920s, the company took on all aspects of electric lighting for its lenses and lighthouses. Between 1855 and 1919, Chance Brothers constructed 1059 sets of lighthouse optical systems including first order and huge hyper-radial lenses.

In December 2007, the Ponce de Leon Inlet Light Station had the opportunity to purchase a Chance Brothers third order middle Fresnel lens dating to about 1850. The third order middle has a radius of 400 mm, compared to the radius of 500 mm for a classical third order lens and 375 mm for a third-and-a-half order lens. The lens had been in a private collection in Australia and prior to that had been in the collection of the Queensland Maritime Museum. Before the twentieth century, the location for this lens is unknown, but by 1921 it was in use on Hannibal Island off Australia's Queensland coast. It went to the collection of the Queensland Maritime Museum and was then deaccessioned and purchased by a private collector.

Included with the purchase of this historic lens was a lens pedestal, an incandescent oil vapor lamp, and the tanks which held kerosene and oxygen to be pumped by hand into the oil vapor lamp. The tanks were identified by the curator of the Queensland Maritime Museum as having been used at the Cape Don Lighthouse which was located along Dundas Strait on the Cobourg Peninsula. The origins of the pedestal and IOV lamp are not known. These items have been assembled to give the Ponce Inlet Lighthouse one of only two complete Chance Brothers lenses in the United States.

The Ponce Inlet Lighthouse staff is internationally known for its pioneering work in the restoration of classical Fresnel lenses. Preliminary assessments of the condition of the Chance Brothers lens were completed in January, 2008, and plans are currently in the works to restore the historic beacon before it is placed on exhibit in the museum's Ayres Davies Lens Exhibit Building.

Individuals in the community are invited to contribute towards the Chance Brothers Lens



THE CHANCE BROTHERS LENS ARRIVES AT THE MUSEUM.



THE LENS IS CAREFULLY UNPACKED.

Restoration Fund. Donations at all levels are sought. For more information about the benefits of sponsorship for this project, please contact Ellen Henry, Curator, at 386-761-1821 or [ellen@ponceinlet.org](mailto:ellen@ponceinlet.org).

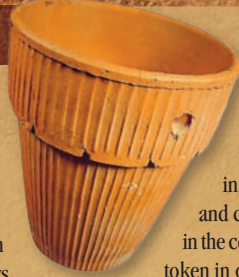


# LUMBER INDUSTRY ARTIFACTS

The Second Assistant Keeper's dwelling is in its second year of repairs and rehabilitation. We began in the large bedroom which now houses displays concerning the history of Mosquito (Ponce) Inlet, the settlement of Ponce Park, the growth of the Town of Ponce Inlet, and a history of racing cars and motorcycles on the nearby beach. In one of the display cases in this room, you will find a few remnants of Florida's once-thriving lumber industry.

Not long after the Civil War ended, most of the massive live oak trees in this region of Florida had been cut down to provide ship timbers. The pine forests were logged for wood, but pine trees were also used as a source of turpentine which was distilled from pine sap or rosin. Lumber camps dotted the northern part of Florida with some located near Daytona.

In our Ponce Park exhibit you will find a 5 cent token from a lumber mill or turpentine still commissary. These camps were remote, and many had a



HERTY POT FOR COLLECTING RESIN

company store where workers could purchase necessities. The tokens were issued in advance of payday and could only be used in the company store. The token in our collection was found in the burned ruins of the Griffin House, a fish camp and residence once located on Front Street. Tokens like this one were produced from the 1890s to the 1940s.

Another familiar object remaining from the turpentine camps is the gum pot. Closely resembling terra cotta flower pots, gum pots collected the thick pine sap commonly known as gum or resin. Resin dripped into the pots via a narrow gutter located at the base of diagonal cuts carved into the tree's bark. All the gum pots in our collection are of a ribbed style designed by Dr. Charles Herty in about 1905. Some producers preferred metal pots as they were lighter, less breakable, and easier to ship than the clay pots. Clay pots, however, performed better and did not foul the resin



GATHERING FLORIDA TURPENTINE

with rust.

During the years 1935-1941, the WPA's Federal Writer's Project sent writers, historians, and photographers around the state to gather folklore, songs, and stories. Zora Neale Hurston, author of *Their Eyes Were Watching God* was one of those writers. Ms. Hurston visited a lumber camp near Cross City in the late 1930s. The photograph seen here of a worker gathering resin from a pine tree was taken during her visit.

One of the Herty pots included in the museum's collection has an interesting story. Discovered by the restoration team while rehabilitating the kitchen and living room in the

Second Assistant Keeper's dwelling, the pot had been reused for a unique purpose. It seems as if some unknown individual had used the gum pot to plug a hole cut in the wall above the living room fireplace where an old cast iron stove pipe had once been inserted. The pot, whose use once again confirmed the ingenuity of the Light Station's keepers, was removed prior to the hole being sealed with brick and the wall repaired.



COMMISSARY TOKEN

## RESTORATION & PRESERVATION, CONTINUED

keepers and their families. A 45-minute video featuring Gladys Meyer Davis, the daughter of Edward Meyer, the Light Station's last civilian keeper, is also on view. Gladys can proudly claim the distinctions of being both the last person born at the Lighthouse and a founding member of the Preservation Association that manages her historic childhood home. In addition, a new interactive children's display, featuring stories and artifacts related to the lives of the children who once lived at the Lighthouse has also been installed in the newly restored space.

Restoration of the Second Assistant Keeper's dwelling will continue with the building's hallway and small bedroom. When completed, the small bedroom will provide exhibit space for



KITCHEN RESTORATION COMPLETED.

our extensive collection of lighthouse timepieces and clocks, antique clothing, and related items unearthed on site.

THE RESTORED SPACE WITH EXHIBITS INSTALLED.



## THANK YOU & WISH LIST

Thanks go out to Earl and Gladys Davis for their donation of a woman's dresser set from the early 20th century. Ray Chaikie gifted us with tools including a 1950s tape measure and a Stillson wrench. Julie Moeller has provided us with photos of her grandparents taken at Easter in 1926 during a visit to the lighthouse.

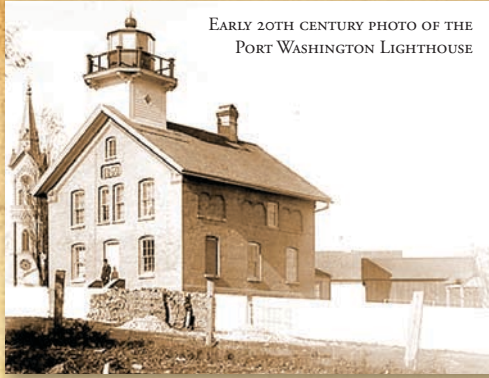
Herman Ware of Coventry, Rhode Island, has once again supplied us with an outstanding donation for our WW II radio beacon exhibit. Herman donated a 1920s home-built crystal radio set very much like the ones our keepers would have used in either the tower or their dwellings. Thank you! The museum is also grateful for Richard Kinzie's gift of a set of radio crystals. Mr. Kinzie, who is a resident of Macon, Georgia, proves that geographic location need not be an issue when someone is considering Lighthouse support. Thanks also to volunteer Allen Bestwick for his tireless work in searching out items for our radio beacon exhibit and for his continuing efforts in the development of hands-on radio and navigation activities for students and other visitors to the museum.

Old photographs of the Light Station and of the surrounding area are always needed. We are currently seeking photos of Ponce Inlet fishing camps of the 1950s and 1960s and fishing boats that were active during that time. Please contact Ellen Henry at 386-761-1821, or via email at [ellen@ponceinlet.org](mailto:ellen@ponceinlet.org), if you have photos that you would allow us to scan for our digital archives.

We are still searching for early 20th century clothing and accessories for men, women and children. Antiques from the local area are always wanted as are WW II Coast Guard uniforms and SPAR uniforms and memorabilia. The Education Department continues its quest for household items from the early 20th century and for a working player piano. A hand-cranked record player and records would also be welcomed additions to our collections.



# PORT WASHINGTON LIGHTHOUSE



EARLY 20TH CENTURY PHOTO OF THE  
PORT WASHINGTON LIGHTHOUSE

A number of traders and land speculators arrived at the mouth of the Sauk River on Lake Michigan in 1835 and established the settlement of Washington City. The settlement grew quickly and by 1845, churches, stores and a schoolhouse sprang up to support the fishing and lumber trade growing at the mouth of the river.

With its commercial success tied to the burgeoning number of vessels entering the harbor, the city founders began lobbying their legislators for aids to navigation to serve the growing maritime commerce. In 1848, the government appropriated \$3,500 for the building's construction, and \$200 for the purchase of land on the bluff to the north side of the harbor. The same year the village was renamed Port Washington.

The tower and the dwelling were built using a local building material - a clay which after firing created the yellow brick that would eventually become universally known as "Cream City" brick. The tower stood around 30 feet in height and was equipped with a birdcage-style lantern room housing an array of 5 Winslow Lewis Lamps equipped with 14-inch reflectors. It was first lit on May 8, 1849. In 1855 the lighting system was replaced with a fixed 6th order Fresnel lens.

As was the case with virtually all of the early stations built under "least cost" tenants, it had to be replaced. Construction of the new structure was begun in 1859, and completed a year later. The new structure consisted of a two-story cream city brick keeper's house with a white painted timber tower integrated into the southeast end of the roof ridge. A steep stairway through the attic provided access to the lantern, which was supported by four massive hand-hewn timbers which transferred the load of the tower and cast iron lantern all the way through the structure directly to the foundation.

The Sixth Order Fresnel lens was moved to the new lighthouse from the original tower and with a distance of 40 feet from ground level to the center of the lens, the station boasted an

impressive focal plane of 113 feet above the level of the lake. The newly installed beacon was visible for a distance of nine miles in clear weather. A woodshed, privy and barn for the keeper's horse rounded out the station's complement of structures.

In order to better serve the needs of mariners coasting the western lake shore, the Sixth Order lens was replaced by a fixed fourth order Fresnel lens in 1870, with a corresponding increase in its range of visibility to 18 miles in clear weather.

The station was deactivated in 1903 and its duties as an aid to navigation were transferred to the Port Washington Pierhead Light, which had been added to the harbor in 1889. The original tower was removed from the keeper's quarters around 1934. The building served as housing for the Milwaukee Coast Guard Station until 1992.

The Minister of Sites and Monuments for the Luxembourg Government was visiting the area in 2000 as a result of the area's large population of Luxembourg emigrants. While at the lighthouse, he was impressed with the old structure and the Historical Society's plans for restoration. As a result, The Grand Duchy of Luxembourg offered to build a replacement tower and lantern, and to have it shipped to Port Washington, along with the craftsmen necessary to install the structure on the old building. It would serve as a memorial to US service men who fought for the freedom



of the Grand Duchy in the Second World War. The new tower was dedicated June 16, 2002.

On October 6, 2007, a replica 4th order Fresnel lens, designed by Dan Spinella of Artworks Florida and built by Gary Knappenburger of Enburg Mold and Tool of Jacksonville, was installed in the Port Washington Lighthouse Lantern Room. Installation was completed by Ed Gunnlaugsson of the Ponce de Leon Inlet Lighthouse and his father Nathan, Gary Knappenburger and his son Eric, and numerous volunteers from the Port Washington Historical Society. Now fully restored, the Port Washington Lighthouse shines brightly once again over the waters of Lake Michigan.

The building now serves as a maritime and lighthouse museum complete with a resident keeper who lives upstairs. Owned by the City of Port Washington and managed by the Port Washington Historical Society, the lighthouse

is located at Johnson and Powers Streets in downtown Port Washington and is open to the public from May to October. Special tours can also be arranged during the winter months with advanced notice.

## References:

*Photo of historic lighthouse: USCG*

*Text: [www.terrypepper.com/lights/michigan/portwashold/portwashold.htm](http://www.terrypepper.com/lights/michigan/portwashold/portwashold.htm)*





## ARCHAEOLOGY & LIVING AT THE LIGHTHOUSE

In February, the Ponce Inlet Lighthouse introduced a new 4½ hour educational program to several dozen schools in Volusia County. The program, *Living at the Lighthouse*, consists of four ½ hour social studies workshops and an expanded version of one of our most popular educational activities, *Archaeology at the Lighthouse*.

*Living at the Lighthouse* provides students with the opportunity to: participate in a conversation with the *Old Lighthouse Keeper*, learn about *Women Who Kept the Light*, and examine turn-of-the-century household items. Older students will learn about Stephen Crane and America's involvement in the Cuban Revolution while chatting with Edward Murphy, captain of the ill-fated filibustering ship, the *Commodore*. Younger students will discover what life was like for children living in the 1800s through a lively discussion addressing everyday childhood chores and entertainment before the days of television and video games.

During *Archaeology at the Lighthouse*, students take part in an archaeological dig in one of three specially prepared sites. We have expanded this



JOHN MANN TEACHES STUDENTS ABOUT THE ARCHAEOLOGICAL PROCESS

workshop to two hours to give students a more in-depth introduction to the subject. Participants can discover numerous artifacts including many which were originally unearthed during actual excavations by Lighthouse staff. After a brief overview of archaeology, the students are divided into teams of three. One student from each team digs in the pit looking for artifacts and depositing the dirt into buckets. The second team member sifts the dirt through a screen keeping an eye

out for smaller artifacts missed during the initial dig. The third student identifies, bags, and records the artifacts for further study. Team members switch duties every 20 minutes to give each student the opportunity to experience all three steps in the archaeological process.

On January 11, New Hope Lutheran Academy of Melbourne field tested the newly expanded *Archaeology at the Lighthouse* workshop. Judging from the accompanying photos the program has proven to be a great success with students and teachers alike. We would like to thank volunteers John Mann, Helen Magale, Gerry Harris, Mariann Elkowitz, and Joanne Roberson for their valuable assistance in making *Archaeology at the Lighthouse* such a fun and enriching event.

*Living at the Lighthouse* is available to all public, private, and home school groups at the price of \$5.00 per student. This exciting 4 ½ hour educational program can be scheduled Monday through Friday during the regular school year. Please contact Program Manager, Bob Callister, at (386) 761-1821, or via email at bobcallister@ponceinlet.org for details.

## VOLUNTEER NEWS

What do volunteers do at the Lighthouse? Up until a short time ago, volunteers primarily served as tour guides for visitors and groups. The role volunteers play in the daily operations of the Ponce de Leon Inlet Light Station and Museum has expanded considerably over the past year to include: transcription of historical documents, living history interpretations, and community outreach events.

Many of our docents assist staff in educational program development and conduct numerous workshops including: the Old Lighthouse Keeper, Lighthouses by Night and Day, Archaeology at the Lighthouse, the Science of Light, Native Florida Fauna, and Keeper in the Classroom. The Association's dedicated corps of volunteers is instrumental in the continued success of the Lighthouse's highly successful onsite events and educational outreach programs.

Three such individuals whose spirit of volunteerism has greatly benefited the Association are Allen Bestwick, George Kangas, and Paul Milward. Their work in helping acquire antique radio equipment and develop educational workshops on historic radio beacons will benefit both the Association's artifact collection and educational program.

Ponce Inlet resident and lighthouse volunteer Carroll Hamilton was instrumental in both the scheduling and organization of our fourth annual Beach Racing Day. An antique car enthusiast, Carroll's passion and dedication have helped make this special day one of the Lighthouse's most popular events. Other volunteers, such as Joe Perrone and JoAnn Roberson have spent many hours working with Curator, Ellen Henry, in the

transcription of historic documents and Coast Guard logs. Whether leading group tours, teaching educational workshops, or helping staff in an office setting, volunteers play a critical role in the Association's ongoing operations.

While the typical volunteer is retired and living in the Daytona Beach/Ponce Inlet area, many individuals; including four enthusiastic teenagers and one west Volusia resident, regularly donate their time. Several of our Lighthouse volunteers live in other parts of the county but winter in sunny Florida during the colder months. Returning to the Light Station year after year, many of our "Snow Bird" volunteers can be found at the Lighthouse during their spare time. Lighthouse volunteers donate anywhere from ten to over two hundred hours a year. No matter how much time you have to give, volunteers are always welcome at the Ponce de Leon Inlet Light Station. Training is provided.

We encourage anyone with a love of history and the desire to volunteer at one of the nation's premier lighthouse sites to contact Program Manager Bob Callister at (386) 761-1821 ext. 18 or via email at bobcallister@ponceinlet.org for more details. Help us preserve and interpret the rich maritime and social history of the Ponce de Leon Inlet Light Station by joining our volunteer corps today.





# JOIN THE PONCE DE LEON INLET LIGHTHOUSE PRESERVATION ASSOCIATION

## A GENERAL ANNUAL MEMBERSHIP INCLUDES:

- Free admission to the museum and lighthouse during regular hours of operation
- 10 percent discount in the museum gift shop and online store
- One subscription to The Light Station quarterly newsletter
- Invitations to special events
- Volunteer opportunities

## MEMBERSHIP CATEGORIES:

**General** ..... \$20

- The benefits listed above for one individual

**Senior** ..... \$10

- All privileges of General Membership for one individual 62 years or older

**Student** ..... \$10

- All privileges of General Membership for one individual 12 years or older with a valid student identification

**Family** ..... \$40

- All privileges of General Membership for the immediate family
- Immediate family is limited to one or two adults and your children under age 18. Grandchildren are not eligible.
- You will be issued one membership card for each parent, and each card will list the names of your children.
- Child under 12 must be accompanied by an adult



Please complete the entire form to enroll, or join online at [www.poncelighthousestore.org](http://www.poncelighthousestore.org).

## Select type of membership:

General ..... \$20

Senior ..... \$10

Student (submit copy of ID) ..... \$10

Family ..... \$40

Gift Membership From: \_\_\_\_\_

Renewal

2nd Assistant Keeper ..... \$100

1st Assistant Keeper ..... \$200

Principal Keeper ..... \$500

Corporate Lampist ..... \$500

Name: \_\_\_\_\_

Address 1: \_\_\_\_\_

Address 2: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ ZIP: \_\_\_\_\_

Phone: (\_\_\_\_) \_\_\_\_\_ - \_\_\_\_\_

E-mail: \_\_\_\_\_

**Office use only**  
 Begins \_\_\_\_\_ Ends \_\_\_\_\_

**2nd Assistant Keeper** ..... \$100

- All privileges of General or Family Membership
- Recognition of your membership in the newsletters' New Keepers List

**1st Assistant Keeper** ..... \$200

- All privileges of 2nd Assistant Membership
- Two gift General Memberships

**Principal Keeper** ..... \$500

- All privileges of 1st Assistant Membership
- Personal guided tour of the Light Station
- Exhibit sponsorship recognition

**Corporate Lampist** ..... \$500

- All privileges of General or Family Membership for up to five company principals
- Use of the Light Station's conference room for one meeting with up to twenty attendees during normal hours of operation. This meeting will include a personal guided tour of the Light Station.
- Recognition of your companies support in the newsletters' New Corporate Lampist List
- Exhibit sponsorship recognition



**PONCE INLET LIGHTHOUSE MEMBERSHIP COUPON**

**20% OFF ANY SINGLE ITEM**

Limit one coupon per member. Coupon may not be used in conjunction with any other discount. Proof of membership must be shown at time of purchase. Not valid for purchase of Memorial Bricks.

**Good from April 1, 2008, through June 31, 2008.**

For family memberships, list spouse/partner and all immediate children under eighteen years of age:

Spouse/Partner: \_\_\_\_\_

Children: \_\_\_\_\_

(List any additional names on a separate sheet.)

We will contact 1st Assistant Keeper, Principal Keeper or Corporate Lampist members to obtain gift membership and company principal information.

Membership enclosed: \$ \_\_\_\_\_

Donation enclosed: \$ \_\_\_\_\_

Total enclosed: \$ \_\_\_\_\_

**Please charge my:** (check one)

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Exp. Date: \_\_\_\_\_

Signature: \_\_\_\_\_

**Or, make check payable to:**

Ponce de Leon Inlet Lighthouse Preservation Association, Inc.  
 4931 S. Peninsula Dr., Ponce Inlet, FL 32127

**Thank You for Your Generous Support!**



# GIFT SHOP

## BAMBOO WIND CHIMES

RELAX TO THE SOOTHING SOUNDS OF NATURE WITH THIS CUSTOM SET OF BAMBOO WIND CHIMES. FEATURING FLORIDA'S TALLEST LIGHTHOUSE, THESE ONE OF A KIND WIND CHIMES WERE DESIGNED SPECIFICALLY FOR THE PONCE INLET LIGHT HOUSE PRESERVATION ASSOCIATION AND MEASURE 23" LONG.

ITEM #: 2954 PRICE: 12.99



## CUSTOM LIGHTHOUSE CUTTING BOARD

DESIGNED ESPECIALLY FOR THE PONCE INLET LIGHTHOUSE GIFT SHOP, THIS TEMPERED GLASS CUTTING BOARD FEATURES AN IMAGE OF THE PONCE DE LEON INLET LIGHTHOUSE AND A BRIEF HISTORY OF THE STATION ON THE BACK OF THE BOX. AVAILABLE ONLY AT THE PONCE INLET LIGHTHOUSE, THIS BEAUTIFUL CUTTING BOARD MEASURES 17.5" X 15".

ITEM #: 3725 PRICE: \$19.99

## LIGHTHOUSE REPLICA

MEASURING 6" TALL, THIS HIGHLY DETAILED RESIN REPLICA OF THE PONCE DE LEON INLET LIGHTHOUSE IS THE PERFECT ADDITION TO ANY LIGHTHOUSE LOVER'S COLLECTION.

ITEM #: 1079  
PRICE: \$18.99



## PONCE INLET LIGHTHOUSE Tervis TUMBLERS

KEEP YOUR COLD BEVERAGES COLD AND YOUR HOT BEVERAGES HOT WITH A SET OF LIGHTHOUSE TUMBLERS. AVAILABLE ONLY AT THE PONCE INLET LIGHTHOUSE, THESE HIGH QUALITY INSULATED UNBREAKABLE CUPS ARE MADE IN THE U.S.A. AND GUARANTEED FOR LIFE. TUMBLERS ARE AVAILABLE IN THREE SIZES AND ARE DISHWASHER SAFE.

17 OZ. SINGLE MUG ITEM #: 4330 PRICE: \$14.99  
17 OZ. TWO PIECE MUG SET ITEM #: 0544 PRICE: \$29.99  
24 OZ. SINGLE TUMBLER ITEM #: 4017 PRICE: \$16.99  
16 OZ. TWO PIECE TUMBLER SET ITEM #: 4016 PRICE: \$25.99



## LIGHTHOUSE THERMOMETER

A WONDERFUL BLAST FROM THE PAST, THIS REPLICA METAL LIGHTHOUSE ADVERTISING SIGN IS FINISHED WITH A DISTRESSED PATINA. THERMOMETER DISPLAYS TEMPERATURE IN DEGREES CELSIUS AND FAHRENHEIT. MEASURES 17.25" X 5".

ITEM #: 3982  
PRICE: \$12.99

The Ponce de Leon Inlet Lighthouse Gift Shop specializes in unique lighthouse and nautical themed gifts for people of all ages. Our wide selection includes clothing, house wares, toys, and collectibles including a wide selection

of Harbour Lights and other miniatures. Customers may also shop online at [www.PonceLighthouseStore.org](http://www.PonceLighthouseStore.org), and place orders by phone at (386) 761-1821 ext. 21.

Please contact the Gift Shop at (386) 761-1821 or via email at [connie@ponceinlet.org](mailto:connie@ponceinlet.org) for more information. Usual UPS shipping charges and a \$4.00 handling fee apply to all orders.

# THE FOLLOWING ARE PROUD SUPPORTERS OF THE PONCE DE LEON INLET LIGHT STATION 120TH ANNIVERSARY CELEBRATION

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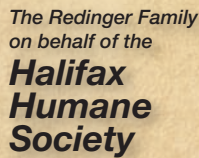
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