

PONCE DE LEON INLET LIGHTHOUSE ILLUMINATIONS

4931 South Peninsula Drive • Ponce Inlet, Florida 32127 • www.ponceinlet.org • www.lighthouselocker.org • (386) 761-1821 • 1ighthouse@ponceinlet.org
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Dear Members,

As spring draws to a close and summer begins I cordially invite you to consider planning an entire day in our wonderful town during your next visit to the Ponce Inlet Lighthouse. Offering visitors a wealth of outdoor activities to choose from, a day in Ponce Inlet can be as exciting or relaxing as you want it to be.

Located approximately two miles north of the Light Station on South Peninsula Drive, the 41-acre Ponce Preserve offers visitors the unique opportunity to walk in the footsteps of the Timucua, the Native American people who inhabited northeast Florida prior to the arrival of the Spanish in 1513. Home to both the Green Mound State Archaeological Site (Florida's second tallest shell midden) and a 1/2 mile long elevated boardwalk extending out through the coastal wetlands to the open waters of the Halifax River, Ponce Preserve Park features a well-equipped playground, and extensive system of nature trails, picnic facilities, and public restrooms.

Situated at the mouth of Ponce Inlet less than a 1/4 mile from the lighthouse, the county-operated 52-acre Lighthouse Point Park offers visitors the opportunity to explore the pristine coastal dune system via elevated boardwalks, enjoy a beachside BBQ in one of park's many pavilions and picnic areas, and experience the inlet's crashing surf along the site's 1,000 foot long fishing jetty. Named the 9th best beach in the

United States by Dr. Leatherman (aka Dr. Beach) in 2007, Lighthouse Point Park is also home to a wide sandy beach that is accessible by foot or car.

I would like to thank the many donors, visitors, and sponsors who have contributed to the Lighthouse Endowment Fund. Thanks to their generosity and support, the Lighthouse has successfully raised more than \$135,000 to date. Those wishing to contribute may still do so online at www.lighthouselocker.org, by mail (Ponce Inlet Lighthouse, 4931 South Peninsula Dr., Ponce Inlet, FL 32127), or by simply stopping by the Lighthouse Gift Shop the next time they are in the neighborhood.

Thanks to your generosity, the Ponce de Leon Inlet Lighthouse Preservation

Association is better equipped than ever to continue its ongoing mission of preserving and disseminating the maritime and social history of this important National Historic Landmark for current and future generations to enjoy.

Thank you for your ongoing support and advocacy. Without you, the Preservation Association's past, present, or future accomplishments would not be possible.

With warm regards,

Ed Gunnlauesson Ed Gunnlaugsson **Executive Director** Ponce Inlet Lighthouse



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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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ILLUMINATIONS is published quarterly by the Ponce de Leon Inlet Lighthouse Preservation Association, Inc.

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

REGULAR HOURS OF OPERATION

May 25, 2015 – Sept 7, 2015 Open Daily from 10:00 am until 9:00 pm (Last Museum Admission Sold at 8:00 pm) **Sept. 8, 2015 – May 25, 2015 OPEN DAILY FROM 10:00 AM UNTIL 6:00 PM**(LAST MUSEUM ADMISSION SOLD AT 5:00 PM)

SUMMER 2015 TOWER CLOSURES

JULY 1, 2015 (WEDNESDAY)

TOWER CLOSED FROM 7:00 PM UNTIL 9:00 PM MUSEUM AND GIFT SHOP OPEN UNTIL 9:00 PM (LAST MUSEUM ADMISSION SOLD AT 8:00 PM)

AUGUST 29, 2015 (SATURDAY)
TOWER CLOSED FROM 6:30 PM UNTIL 8:30 PM
MUSEUM AND GIFT SHOP OPEN UNTIL 9:00 PM
(LAST MUSEUM ADMISSION SOLD AT 8:00 PM)

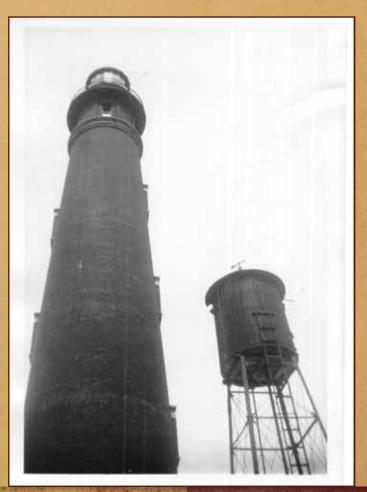
SUMMER 2015 PRESERVATION ASSOCIATION MEETING CALENDAR

JULY 20, 2015 (MONDAY) @ 7:00PM BOARD OF TRUSTEES AND QUARTERLY MEMBERSHIP MEETING OPEN TO GENERAL MEMBERSHIP

AUGUST 17, 2015 (MONDAY)
BOARD OF TRUSTEES MEETING
CLOSED TO GENERAL PUBLIC AND MEMBERSHIP

SEPTEMBER 21, 2015 (MONDAY)
BOARD OF TRUSTEES MEETING
CLOSED TO GENERAL PUBLIC AND MEMBERSHIP

ALL MEETINGS ARE HELD IN THE GIFT SHOP CONFERENCE ROOM.





Battelle Memorial Institute

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Brochure Displays, Inc.

Terry McDonough Daytona Beach, FL

Tom & Peggy Ellwood

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Pilot Club of the Halifax Area

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Lt. Col. William & Sandra Wester Ponce Inlet, FL

Kathy Wilson & Bob LeDone Ponce Inlet, FL

Donald & Mary Whiteley Leesville, SC



Events Calendar: Scheduled Lighthouse Events for July, August, & September, 2015

July 2 - 4, 2015 Thur - Sat 12:00PM TO 2:00PM.....Independence Day weekend at the Lighthouse Join us at the lighthouse and explore our historical exhibits and climb the tallest lighthouse in Florida. Lighthouse admission will be free for all retired veterans with proof of service. Lighthouse admission will also be free for all active duty service men and women with service ID card and their immediate family members including children under the age of 18. All activities are included with regular admission, no advance reservations required. Please contact Mary Wentzel at mwentzel@ponceinlet.org, or (386) 761-1821 ext. 18, for more information. To find these activities and much more visit our website at www.ponceinlet.org

The participants of the 9th Annual Horncamp! Workshop at Daytona Beach will present a concert at the Ponce Inlet Lighthouse on Saturday, July 11 at 11:00 am. Each year horn players meet in Daytona to study with a staff of outstanding artists and this concert marks the end of a fantastic week. Music will range from popular tunes to light classics all performed in the shade of the light house tower. All activities are included with regular admission, no advance reservations required. Please contact Mary Wentzel at mwentzel@ponceinlet.org, or (386) 761-1821 ext. 18, for more information. To find these activities and much more visit our website at www.ponceinlet.org.

Join us at the Ponce de Leon Inlet Lighthouse and celebrate National Lighthouse Day. See our historical lighthouse exhibits, play historic games and make your own Lighthouse pennant. We look forward to seeing you at the tallest lighthouse in Florida. All activities are included with regular admission, no advance reservations required. Please contact Mary Wentzel at mwentzel@ponceinlet.org, or (386) 761-1821 ext. 18, for more information. To find these activities and much more visit our website at www.ponceinlet.org.

Visit the Lighthouse and capture the spirit of 1945, when the United States' involvement in WWII ended. In 2010, Congress voted unanimously in support of this day, coinciding with August 14, 1945, the day President Truman announced that WWII was over and America assumed the mantel of leadership in rebuilding the postwar world. Enjoy the traditional sounds of a bugler at the site of the tallest lighthouse in Florida. Lighthouse admission will be free for all retired veterans with proof of service. Lighthouse admission will also be free for all active current military personnel and their families with proof of active duty status. All activities are included with regular admission, no advance reservations required. Please contact Mary Wentzel at mwentzel@ponceinlet.org, or (386) 761-1821 ext. 18, for more information. To find these activities and much more visit our website at www.ponceinlet.org.

August 15 & 16, 2015 Sat & Sun 10:00 AM - 4:00 PM International Lighthouse/Lightship Weekend Calling all Amateur Radio buffs! Come to the Ponce Inlet Lighthouse and speak with lighthouses around the world. Be a part of a day when over 100,000 amateur radio operators go on the air and contact as many lighthouses as possible. All activities are included with regular admission, no advance reservations required. Please contact Mary Wentzel at mwentzel@ponceinlet.org, or (386) 761-1821 ext. 18, for more information. To find these activities and much more visit our website at www.ponceinlet.org.

CLIMB TO THE MOON SCHEDULE

CLIMB TO THE MOON

 July 1, 2015
 August 29, 2015
 Sept. 27, 2015

 Wednesday
 Saturday
 Sunday

 7:30pm - 9:00pm
 7:00pm - 8:30pm
 6:15 pm - 7:45 pm

Journey to the top of the Ponce Inlet Lighthouse and experience this National Historic Landmark in all its glory. Join the Old Lighthouse Keeper on a personal tour of lighthouse and Lantern Room, and enjoy breathtaking views of the Atlantic Ocean, Ponce Inlet, and scenic inland waterways.

Toast the setting sun with a sparkling beverage and enjoy delicious hors d'oeuvres by the light of the full moon with your significant other and friends. Offered only on the eve of each full moon, this special event is limited to 25 participants only. Tickets must be purchased in advance by calling Karen at (386) 761-1821 ext. 10. Prices are \$25 for non-members and \$20 for members

THE ST. MARKS LIGHTHOUSE LENS

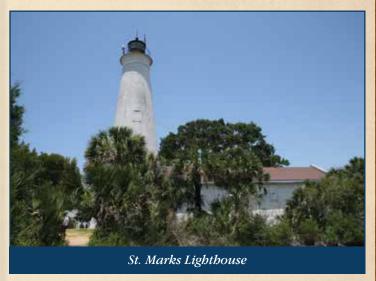
On March 28, 2014, the historic St. Marks Lighthouse was officially transferred from the US Coast Guard to the Department of the Interior, US Fish and Wildlife Service. The lighthouse, located about 30 miles south of Tallahassee, is situated at the mouth of the St. Marks River and in the midst of the 70,000 acre St. Marks Wildlife Refuge, which occupies about 43 miles along the Gulf of Mexico.



Listed on the National Register of Historic Places, St. Marks is one of Florida's oldest lighthouses, first lit in 1831 to help guide mariners through the shallows and other hazards of Apalachee Bay and the St. Marks River. At the time, this location was an important port for the agricultural counties of middle Florida and South Georgia. Planters brought their produce by wagons (and later by railroad) to the town of St. Marks where it would be shipped to ports like New Orleans and St. Augustine.

In 1843, the brick lighthouse tower, threatened by erosion, was torn down and rebuilt in a safer location farther inland. By the 1860s, the lighthouse was again threatened, this time by the Civil War. The lighthouse illuminating apparatus was removed to prevent Union forces from using the lighthouse to guide the Federal vessels blockading Confederate ports. Shelling of the area by a Union fleet in 1865 damaged the lighthouse and led to repairs and the installation of a new fourth order Fresnel lens, imported from France. The new optic was activated in January 1867. In 1883, the tower was heightened an additional ten feet, establishing its focal plane at 82 feet above sea level. An automatic lamp changer was installed in the fourth order lens in 1960, and in 2000, a solar

powered beacon was placed on the balcony rail outside the lighthouse lantern room, rendering the historic fourth order lens obsolete.



The Wildlife Refuge staff and its citizens support organization, the St. Marks Refuge Association, are currently working together to assure the future of the lighthouse and its attached keeper dwelling. The Association has received grant funding from the Florida Lighthouse Association to stabilize the structure, but help was also needed to provide stabilization of the fourth order Fresnel lens.

Manufactured sometime between 1854 and 1860 in Paris by the Henry-Lepaute factory, the lens exhibited a fixed and steady light covering 270 degrees of the horizon. It had suffered substantial glass damage over the years including the loss of seven of its prisms. The glazing used to hold the glass elements in the bronze frame had deteriorated and in some places had crumbled away. The bronze frames were corroded. Through their connection with the Florida Lighthouse Association, the Wildlife Refuge staff and volunteers learned about the pioneering work in lens restoration that has been ongoing at the Ponce Inlet Lighthouse since the 1970s.

Contacting the Ponce Inlet Lighthouse's Executive Director Ed Gunn, St. Marks Wildlife Refuge facility manager Chris Webber explained the refuge's recent acquisition of the historic lighthouse and his concerns regarding the

structure's condition and the deteriorated state of the lens that still resided within its damaged lantern room. Recognizing an opportunity to give back to the state's lighthouse community, Mr. Gunn offered Chris Webber the expertise of his staff in evaluating the condition of the lens free of charge.



On June 17, 2014, Ed Gunn, Mike Bennett (Director of Operations at Ponce Inlet) and the museum's curator Ellen Henry traveled to St. Marks to assess the condition of the lens and to remove the lamp changer from the lens' interior. Climbing the lighthouse's dark, narrow and rickety spiral staircase made it clear that if the lens were to be removed from the tower for repair work, it would definitely not be via the stairs!

The Ponce Inlet crew successfully removed the lamp changer from the lens, and after performing a detailed assessment of the lens' condition, they met with the St. Marks' staff, volunteers, and representatives from the Fish



and Wildlife Service to discuss what could be done to preserve and protect the lens. It was suggested that the lens be removed from the tower and transported to Ponce Inlet where staff and trained volunteers could perform the needed work.



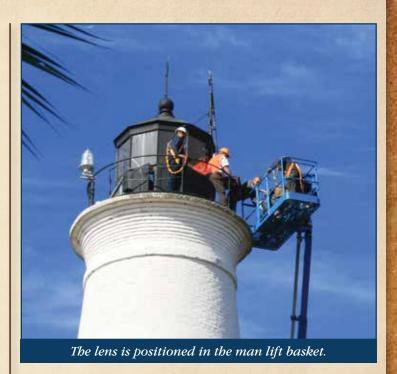
In the week following this meeting, Ponce Inlet's curator created an extensive treatment plan for the lens stabilization, making it clear that all work would follow Department of the Interior's guidelines that no original materials would be removed unless absolutely necessary. The remains of the old glazing would be encapsulated rather than replaced; corrosion but not the patina of age would be removed from the bronze frames; and because the lens would not be going back into service, the missing glass would not be replaced. Ed Gunn, Mike Bennett, and Maintenance Manager Tom DiTusa worked out a carefully orchestrated plan for the removal of the lens from the top of the lighthouse tower. A lantern room window would be removed, and the lens would be lifted out and placed on a man lift and lowered to the ground where it would be crated for the trip to Ponce Inlet.



Ed Gunn, Mike Bennett, Tom DiTusa, and Chris Weber of the Wildlife Refuge staff build a crate for the lens.

On November 19, the Ponce Inlet crew arrived at St. Marks for the removal of the lens from the tower. Their first stop was to visit the tower and go over the plans for the lens removal the next day. The procedure was carefully rehearsed again and again. The next stop for the Ponce crew was a Wildlife Refuge workshop where a travel crate for the lens was quickly constructed.

Removal day dawned clear and cold. Ring Power of Tallahassee had donated the man lift, and a collection of volunteers, photographers, and news media were ready at the site. The Ponce Inlet crew lifted the historic lens from its pedestal, tilted it through the lantern room window, and carefully secured it to the man lift platform. The





to avoid trees that surround the lighthouse.



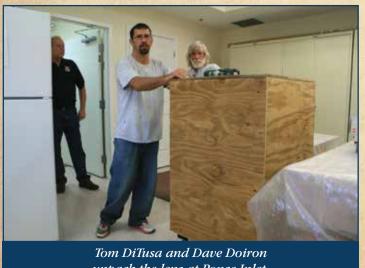
lens was brought down slowly, avoiding the many tree branches that were in the platform's path. The lens was soon crated and on its way to Ponce Inlet.



Chris Weber of the Wildlife Refuge staff assists Mike Bennett, Tom DiTusa, and Ed Gunn in preparing the lens for travel.

The lens was taken to Ponce Inlet where it was first examined for any travel damage (there was none) and then allowed to spend time getting acclimated to the air conditioned building. The lens' condition was documented by photographs and written reports for each prism and for each bronze element, and the stabilization treatment plan was revised based on these detailed examinations. The basis of the plan was to make as few changes as possible in the lens in order to retain as much of its original fabric as possible.

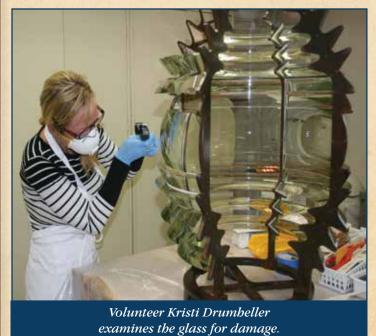
Prior to the arrival of the lens, the museum's curator met



unpack the lens at Ponce Inlet.

with other staff and volunteers who would be carrying out the work. The lens assessment and stabilization project was performed by museum curator Ellen Henry with assistance from: Executive Director Ed Gunn; Maintenance Manager Tom DiTusa; Registrar Kristen Holmes, Advisory Board Member Kristi Drumheller; and John Mann, lead docent at the Ponce Inlet Lighthouse and one of the Preservation Association's most experienced Fresnel lens restorers.

Stabilization work began with a thorough cleaning of the entire lens with distilled water. Detailed photographs were taken of every part. The bronze frames and glass prisms were individually cataloged to record in writing and drawings any and all damage. The old glazing and wooden positioning wedges were examined and their



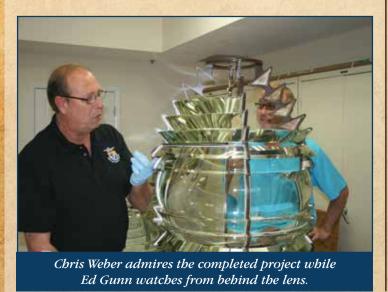
condition evaluated in detail. The lens' carriage wheels and all screws in the bronze frames were treated with Kroil, and paint spatters on the surface of the lens were removed with a gentle soy-based paint remover.

Before any work could be done on the prisms, it was necessary to remove all dirt and corrosion from the bronze frames. This was a painstaking procedure which took hundreds of hours of careful picking at corroded spots to remove all traces of bronze "disease" without removing the protective patina at had developed on the surface of the metal over many years.



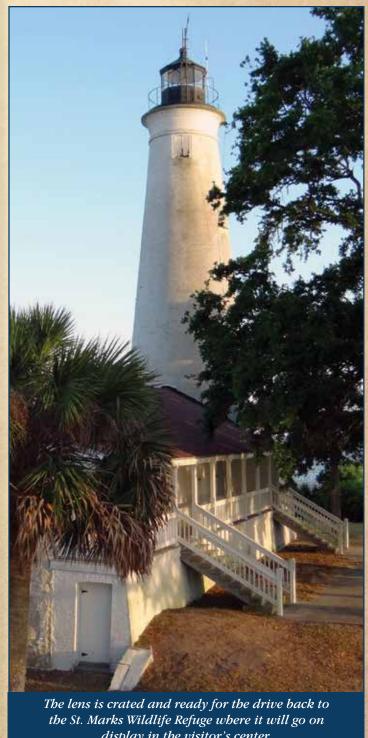
Once the bronze had been cleaned and rubbed with oil, the old glazing and wedges that hold the glass prisms in place were encapsulated in a modern glazing compound made at the museum especially for stabilization and preservation of original or old material. After the glazing cured, the glass underwent a final cleaning first with isopropyl alcohol to remove all oils and finger prints, and then with distilled water. The bronze was also given a final rub with oil, and the project was at last complete! By the time the lens was returned to St. Marks on March 5, 2015, the Ponce Inlet staff had invested 530 hours and the volunteers had worked nearly 60 hours on the stabilization for a total of 589.5 hours.

When asked about the relationship between St. Marks and the Ponce Inlet Lighthouse Preservation Association, Chris Weber of the Wildlife Refuge said, "I'm so grateful that the



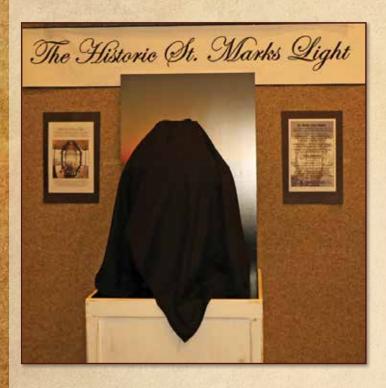
Ponce Inlet staff stepped forward to help us. When the lighthouse was turned over to us we were a little bit lost. We're the Fish and Wildlife Service, and we don't know about lighthouses! Thank you so much for the help."

The St. Marks Wildlife Refuge is located at 1255 Lighthouse Road, St. Marks, FL 32355. Call 850-925-6121 or visit their website at www.fws.



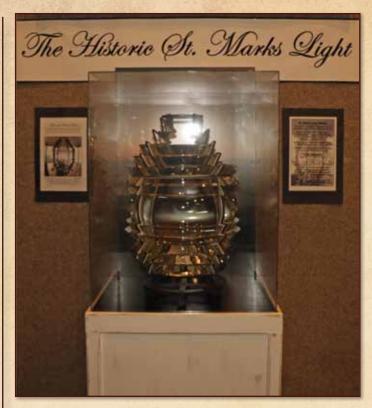
display in the visitor's center.

We would like to thank professional photographers Lou and Betsy Kellenberger for their donation of photographs taken during the unveiling of the St. Marks lens in its new home in the Visitor Center of the St. Marks Wildlife Refuge. Both Betsy and Lou have donated their work to us documenting the removal of the lens from the tower at St. Marks to its return in early March of this year.



Thanks go to long-time donors Earl and Gladys Davis for the gift of a vintage "hair receiver." This handy item would have been used to store any hair that was cleaned from a lady's hair brush. When enough hair had been gathered, it could then be used as a form for a bun or other hair style requiring some additional support. A support such as this was called a "rat." When rats were replaced by teasing or back-combing the hair instead of combing it over the rat, teasing was also known as ratting.

Our thanks also go to Jeff Ellwood for the donation of a beautifully framed panoramic view of Ponce Inlet taken many years ago by his father from the top of the lighthouse, and to Tom and Peggy Ellwood for the donation of digital copies of miscellaneous vintage



photographs of the local area. Julie Gunnlaugsson has provided us with a photograph taken by her father of the lighthouse tower during the 1980s restoration work. Thank you all for your gifts!

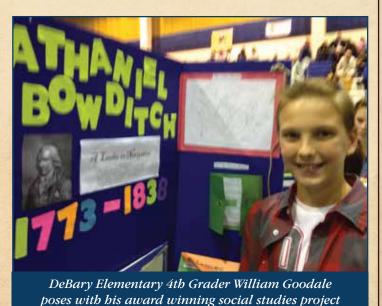


Our wish list this quarter includes the need for an antique fire screen for display in the First Assistant Keeper dwelling, and for oil and gasoline tins and bottles dating from the 1920s-1930s for display in our generator building. We are also seeking vintage pantry items such as food tins, cans, and boxes, dating to the 1920s-1930s.

THE PONCE INLET LIGHTHOUSE RECOGNIZES OUTSTANDING STUDENT ACHIEVEMENT AT THE 2015 VOLUSIA COUNTY SOCIAL STUDIES FAIR

Each year, the Ponce de Leon Inlet Lighthouse rewards student achievement at the Annual Social Studies Fair. Consisting of a free family membership, recognition in the quarterly newsletter, a certificate of achievement, and a \$100 cash prize, this award is presented to the student who creates the best maritime, Florida, or lighthouse themed project at the elementary, middle, and high school level.

Held in the Mainland High School auditorium this past year, the 2015 Volusia County Social Studies Fair included more than 100 elementary, middle, and high school student exhibits. Exhibits displayed during the district social studies fair had been nominated by each student's school of record following an exhaustive round of judging at both the individual grade and school-wide level. This year's social studies fair theme was "Leadership and Legacy in History."



After completing the duties assigned to them as official judges of the 2015 Social Studies Fair, Programs Manager Mary Wentzel and Lead Docent John Mann examined each student entry with subject matter that addressed either maritime, Florida, or lighthouse history. Although finding all the submitted elementary, middle, and high school projects to be of excellent quality, two stood out above all the rest.

"Nathaniel Bowditch" at Mainland High School.



Blue Lake Elementary 4th grader Pierce Earley receives a well-deserved award for his social studies project "The Everlasting Legacy of Lighthouses" from docent Lighthouse Keeper Allen Bestwick.

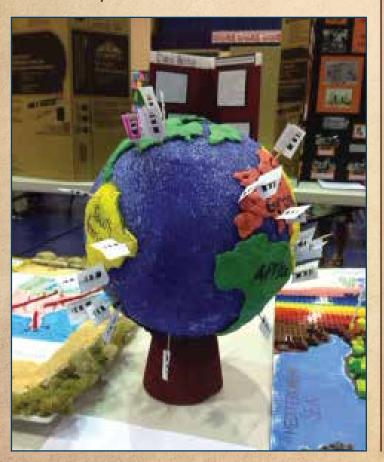


William Goodale poses with his fourth grade teach Mrs. Leah Miller after receiving his lighthouse award.

DeBary Elementary School fourth grader William Goodale's project was one of two entries selected by Ms. Wentzel and Mr. Mann during this year's social studies fair. Focusing on the life and achievements of Nathaniel Bowditch, founder of modern maritime navigation, William's project was thoroughly researched, well-organized, informative, and neatly constructed. Accompanied by his family and his fourth grade teacher Mrs. Leah Miller, William was presented with a check, certificate of achievement, and free annual family membership in recognition of his academic excellence.

Like William, Blue Lake Elementary fourth grader Pierce Earley was presented with a check, certificate of achievement, and free family membership for his 2015 Volusia County Science Fair entry. Titled The Everlasting Legacy of Lighthouses, Pierce's outstanding 3-D project focused on the unique maritime and social history of Florida's historic beacons. Like William, Pierce's social studies project was well-researched, organized, and highly informative.

Congratulations William and Pierce. Your entries stood above and beyond the rest!



Spring is one of the best times to visit the Ponce Inlet Lighthouse. Traveling to Daytona Beach from locations throughout the country and around the world, lighthouse visitors were given the opportunity to participate in numerous educational workshops, family-oriented activities, and hands-on programs throughout the months of April, May, and June.

On March 21, 2015, the Ponce De Leon Inlet Lighthouse Preservation Association hosted its Annual Volunteer Awards Dinner. Held at the Harbor Village Golf and Yacht Club in Ponce Inlet, this wonderful event provides staff the opportunity to recognize the men and women whose commitment to the Ponce Inlet Lighthouse remains steadfast month after month and year after year.

In addition to recognizing the volunteers' substantial contribution of time and effort, this event provided the Association the perfect opportunity to celebrate the birthday of its lead docent, stalwart friend, and most recognizable advocate, John Mann. The evening was full of great food, cheer and special moments. Helen Magale and Marsha Lewis were each awarded a coveted memorial brick in recognition of their individual contributions of more than 500 hours of volunteer service to date. All of our volunteers deserve a hearty thank you for all they do in support of the Association's ongoing mission of preserving and disseminating the maritime and social history of the Ponce De Leon Inlet Light Station.

This year the United States Coast Guard was the theme for our spring Girl Scout Earn a Patch Day. Held on April 11th, this unique program provided thirty Girl Scouts of Citrus Council the opportunity to learn how to communicate via Morse code and through the use of signal flags. Participants were also provided a rare glimpse into what it is like to serve in the US Coast Guard from a woman's perspective.

The scouts learned about the history and responsibilities of the United States Coast Guard from Coast Guard representatives Courtney Gray and Callie Beasley. Assigned to the USCG Station Ponce de Leon, the women did a wonderful job explaining what it is like to serve the country and what they did as members of this important branch of the US Military.

In response to the Victory Florida campaign celebrating the 70th anniversary of the end of World War II, the Ponce de Leon Inlet Lighthouse has developed a variety of activities focused on Florida's substantial contributions to the war effort and the nation's ultimate victory over Germany and Japan. In celebration of this important anniversary, Victory Florida events will take place across the state. The Girl Scout Earn a Patch Day event was the Lighthouse's first offering in conjunction with this state initiative.

Florida Lighthouse Day was held on April 18th. Museum guests in attendance on that day were provided an opportunity to interact with two of the light station's most historic figures Miss Ianthe Bond Hebel and Mrs. Thomas P. O'Hagan. Miss Bond, re-enacted by Tana White, was one of the first teachers assigned to what was then known as Pons Park Pons Park. During her tenure as school teacher, Miss Bond taught the children of both Keeper Thomas O'Hagan and Bartola Pacetti, a long-time resident of Pons Park who owned and operated the famous Pacetti Hotel adjacent to the Light Station. Mrs. Thomas P. O'Hagan, re-enacted by Janice Lowry, was the overworked wife of Keeper O'Hagan and the mother of eleven children.

On May 7th, the Preservation Association hosted its annual Spring Homeschool Day. Attended by 120 guests from across the state, the theme of this year's event was also developed in response to the Florida Department of State's Victory Florida initiative, that encourages educational and cultural institutions to promote public appreciation for the men and women who served during World War II and highlight the important role Florida played in the American war effort.

We have a very exciting summer planned at the Lighthouse. Upcoming educational events include: Independence Day Weekend at the Lighthouse on Thursday through Saturday, July 2 – 4 from 12:00 to 2:00 pm; The 9th annual Summer Horn Concert on Saturday, July 11 from 11:00 am – 11:45 am; National Lighthouse Day on Saturday, August 7, from 10:00 to 2:00 pm; Spirit of '45 Day on Sunday, August 9, from 10:00 to 2:00; International Lighthouse and Lightship Weekend on Saturday, August 15 and Sunday, August 16 from 10:00 am to 4:00 pm. All activities are included with regular admission, no advance reservations are required.

The Preservation Association is always looking for individuals interested in accepting the challenge of becoming a lighthouse volunteer. Those wishing to do so may contact Programs Manager Mary Wentzel by email at mwentzel@ponceinlet.org or by phone at (386) 761-1821 ext. 18. You can also learn more about volunteering opportunities online at www.ponceinlet.org.



Janice Lowry V.I.P Volunteer



Committed to the ongoing preservation and dissemination of the maritime and social history of Ponce de Leon Inlet Lighthouse, the Preservation Association relies heavily on its volunteer corps to provide quality educational programming to museum visitors and throughout the local

community. Each quarter, the Preservation Association selects one of these individuals as its Volunteer of the Quarter in appreciation of his/her commitment to the Lighthouse's educational mission. In this issue of Illuminations, the Preservation Association is pleased to recognize Janice Lowry as its final Volunteer of the Quarter for fiscal year 2014-2015.

Although born in Dallas, Texas, Janice relocated to Daytona Beach area in 1949 when her family decided to go into the citrus business. Purchasing an orange grove in Holly Hill near 11th Street, Janice recalls how different Daytona Beach was back then. Unlike today, Daytona was predominately rural with dairies, farms, and orange groves occupying land that is now home to subdivisions, car lots, big box stores, and strip malls. "At the time, Nova road was called Canal Road." Janice explains, going on to describe how the Live Oak trees, laden heavy with Spanish moss, overhung the road, creating a thick canopy that shaded the eyes and blocked out the sky. "Life was so much different back then" she continues "Port Orange, where I now reside, was just a wide spot in the road."

Janice attended Mainland High School when it was still located on Bay Street Beach in Daytona Beach (the school was relocated to its current location in 1962). Graduating from Mainland in 1961, Ms. Lowry enrolled as a freshman at Daytona Beach Community College where she ultimately earned a degree in business.

Fresh out of college, Janice was soon hired by General Electric where she worked with the company's Apollo Support Department at its facility on Volusia Avenue (now International Speedway Blvd.). Relocating to Houston, Texas in the 1970s, Janice went to work for the Exxon Corporation. Ms. Lowry would remain with Exxon until 1990, when she decided to return to Florida to be closer to her family. Applying for the position with the City of New Smyrna Beach shortly after her return, Janice served as the municipality's city clerk for nearly twenty years before retiring in 2008.

Since leaving the workforce Janice has become an avid birdwatcher and loves to spend time on her back porch reading and keeping notes on the goings-on at the bird feeders and birdbaths in her yard. "Bird watching is tremendously entertaining" Janice states. She has researched the subject of birds to such an extent she can tell you just about anything you would want to know about the Carolina Wren.

Janice has a great interest in history and is a prodigious reader about early life in Volusia County. Janice also is an active member of the Halifax Historical Society and the Heritage Preservation Trust. Her reenactment of early Daytona Beach resident Mary Burgoyne, wife of philanthropist Charles Grover Burgoyne, is extraordinary. When she isn't spending time at the lighthouse or bird watching, Janice enjoys giving tours at Lilian Place, a historical home that holds a special place in her heart.

At the Ponce Inlet Lighthouse Janice reenacts the character of Julia Schuppe O'Hagan. The wife of Principal Keeper Thomas Patrick O'Hagan, Mrs. O'Hagan moved to the Ponce De Leon (then Mosquito) Inlet with her husband and four children 1897. By the time Principal Keeper O'Hagan was transferred to the Amelia Island Light Station in 1905, Ms. O'Hagan had given birth to seven additional children.

When asked what she enjoys most about portraying Ms. O'Hagan and volunteering at the lighthouse as a whole, Julia replied, "It means so much to me to be able to interpret Mrs. O'Hagan at the Ponce Inlet Lighthouse. It is very rewarding, especially sharing her story with children. It is an exciting moment when you see in a child's eyes that they have made a connection

and they have learned something about early life here. I really enjoy working with the wonderful staff and volunteers at the Ponce de Leon Inlet Lighthouse."

We are thrilled to have Janice Lowry as our VIP Volunteer of the Quarter at the Ponce Inlet Lighthouse.



THE ST. MARKS FOURTH ORDER LENS



The St. Marks lens and lamp changer, photographed by Lou Kellenberger in 2007.

The St. Marks fourth order fixed Fresnel lens was built by the Henry-Lepaute company in Paris sometime between the years 1854 and 1860. The company's origins were in a clock making business established in Paris in the mid 1700s by Jean Andre Paute. The Henry family were also established clockmakers in Paris, and Pierre Henry married Elizabeth Paute, Jean Andre Paute's sister. Their youngest son, Augustin-Michel Henry (1800-1885) became the successor to the family business and married his cousin, Anais Paute. By 1820 the family name had become Lepaute. Augustin-Michel had the distinction of working with Augustin-Jean Fresnel to develop a clockwork mechanism for rotating Fresnel's lighthouse lenses. After Fresnel's death, Henry became interested in constructing lenses as well as rotational mechanisms, and in 1838 he founded a lens factory. In 1854, Henry received government permission to add Lepaute to his name, and the factory was also renamed HenryLepaute. After 1860, the factory became known as Henry-Lepaute & Sons, and in 1896, the name was again changed, this time to Establishment-Henry-Lepaute.

In 1853, the American Light-House Establishment began a period of upgrading its lighthouses to Fresnel lens technology, and a number of Henry-Lepaute lenses were ordered. The new Henry-Lepaute lens at St. Marks was first lit on January 7, 1867. The fixed lens covers 270 degrees of the horizon. The other 90 degree section is an open void which the keepers used for access to the lantern inside.

The glass is divided into a 180 degree panel and a 90 degree panel. Each panel has 5 upper catadioptric prisms, two upper dioptric prisms, a central dioptric lens, two lower dioptric prisms, and three lower catadioptrics. Seven prisms have been lost including 2 upper catadioptrics from the 180 degree panel, and four upper catadioptrics and one upper dioptric from the 90 degree panel. The cause of this damage is not known and could be the results of migrating birds crashing into the lantern room, keeper-related accidents, or perhaps storms. The missing glass could be replaced with modern, optically correct reproductions if it were ever returned to service. But for display, the frames have been left as-is, in order to accurately show the conditions under which this equipment served.



Friends in Preservation,

The Ponce de Leon Inlet Lighthouse Preservation Association, Inc. was founded forty-three years ago in 1972. With the threat of the historic buildings slated for demolition and the tower in extreme disrepair and vulnerable to vandals, a group of Ponce Inlet citizens embarked on the task of petitioning the US government for ownership. Once the tiny and nearly new Town of Ponce Inlet was granted ownership, this same group of citizens formed a non-profit corporation, assumed responsibility for the Light Station and began the seemingly insurmountable task of returning the dilapidated light station to its original glory. There was no money to begin the project, only the hard work and ingenuity of volunteers. Even today the Preservation Association receives no state, federal, or local municipal funding in any form. The Association preserves, restores, and operates the historic site as a self-sustaining organization.

Thanks to the hard work of its dedicated staff, the unwavering commitment of its volunteer corps, the ongoing support of its financial supporters, the historic Ponce De Leon Inlet Light Station has been restored to its original pristine condition. In 1998, the light station was declared a National Historic Landmark; a designation shared by only eleven of the nation's surviving lighthouses. Considered a pioneer in lighthouse preservation, the Ponce De Leon Inlet Lighthouse Preservation Association has become a model for other non-profit historic preservation groups to emulate.

Renowned for its educational programming, the Preservation Association strives to make the fascinating history of Ponce Inlet Lighthouse accessible to local educators and their students whenever possible. Developed by former teachers and school administrators, onsite tours and educational workshops are provided free of charge to all local schools. Launched in 2007, the Preservation Association's popular educational outreach program provides school-bound students the ability to experience the light station without ever setting foot on its historic grounds. This has proven to be an important benefit within the local educational community given existing budgetary restrictions.

Faced with rising preservation and restoration costs the non-profit 501(c)(3) Ponce De Leon Inlet Lighthouse Preservation Association relies heavily on the generous support of its members and advocates to continue its ongoing mission to preserve and disseminate the maritime and social history of this important National Historic Landmark. There are many ways to support the Ponce De Leon Inlet Light Station. Current options include:

- Become a Member: Membership is one of the more popular methods of supporting the Ponce de Leon Inlet Light Station and its ongoing operations. Members enjoy many benefits including; free admission to the lighthouse and museum, discounts on gift shop purchases, quarterly newsletters, invitations to special events, and more depending on membership level. All proceeds help fund ongoing preservation and restoration projects, educational programming, and general operational costs.
- Make a Donation: The Ponce de Leon Inlet Lighthouse Preservation Association is a nonprofit organization that receives no government funding at either the local or national levels. Funded primarily by admission and gift shop sales, the Association relies heavily on private and corporate donations to continue its good work. Donations may be made to either the General Lighthouse Fund which is utilized to finance normal day to day operations at the museum or to the Lighthouse Endowment Fund. Held in perpetuity the Lighthouse Endowment Fund protects the Light Station by providing financial security for long-term preservation, operations, and museum growth. Cash, stocks, mutual funds and real estate are all donor options.
- Purchase a Memorial Brick: Help us maintain the Ponce de Leon Inlet Lighthouse by participating in our memorial brick program. Featuring the Preservation Association's official logo and up to three lines of personalized text, each brick is installed in the Light Station's memorial walkway where it will remain in perpetuity for future generations to see. Duplicate full-size and miniature bricks are also available for purchase for an additional fee. Proceeds from your purchase will help fund ongoing operations at the lighthouse including preservation, restoration, educational programming, artifact acquisition, and exhibit development.

I invite you to visit us online at www.ponceinlet.org

to learn more about the many ways to support the Ponce De Leon Inlet Lighthouse and help keep the beacon burning for current and future generations to enjoy.

With Warm Regards, Robert Riggio President Board of Trustees



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	

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

nd Assistant Keeper					•			•																•		\$1	1)	1
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- All privileges of General or Family Membership
- Recognition of your membership in the quarterly newsletters' 2nd Assistant Keeper List

1st Assistant Keeper \$200

- All privileges of 2nd Assistant Membership
- Two gift General Memberships
- Recognition of your support in the quarterly newsletters' 1st Assistant Keeper List

Principal Keeper.....\$500

- All privileges of 1st Assistant Membership
- · A personalized guided tour of the Light Station
- Recognition of your support in the quarterly newsletters' Principal Keeper List

- All privileges of General or Family Membership for up to five company principals
- · A personalized guided tour of the Light Station
- Use of the Light Station's conference room for one meeting.
- Recognition of your companies support in the quarterly newsletters' Corporate Lampist List

FLORIDA DEPT. OF AGRICULTURE AND CONSUMER SERVICES CHARITABLE ORGANIZATION NUMBER AND DISCLAIMER:

Registration #: CH137

A COPY OF THE OFFICIAL REGISTRATION AND FINANCIAL INFORMATION MAY BE OBTAINED FROM THE DIVISION OF CONSUMER SERVICES BY CALLING TOLL-FREE (800-435-7352) WITHIN THE STATE. REGISTRATION DOES NOT IMPLY ENDORSEMENT, APPROVAL, OR RECOMMENDATION BY THE STATE.

	Please	complete	the	entire	form	to	enroll,
or	join onli	ne at www	v.lig	hthou	selock	er.	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

Name:
Address 1:

Address 2:

City: State: ZIP:

E-mail:

Office use only
Begins_____ Ends____

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

Spouse/Partner:

(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)

☐ Visa ☐ MasterCard 3-Digit Security

Code:

CC#

Exp. Date:

Signature:

Or, make check payable to:

Ponce Inlet Lighthouse

4931 S. Peninsula Dr., Ponce Inlet, FL 32127

Thank You for Your Generous Support!

Ponce Inlet Lighthouse Decorative Sign

Declare you love for the Ponce Inlet Lighthouse in your home or office with this decorative wooden sign with distressed lettering. Sign measures 19.5" x 5.5".

ITEM #: 3217

PRICE: \$21.99 (+S&H)





DISTRESSED LIGHTHOUSE PICTURE FRAME

Display your favorite photo of your visit to the beach and Ponce Inlet Lighthouse with this "distressed" wood lighthouse themed picture frame designed to hold a 4"x6" print.

ITEM #: 3291

PRICE: \$16.99 (+S&H)

LIGHTHOUSE PENDANT NECKLACE

BLACK LIPPED MOTHER OF PEARL (PAULA SHELL) IS FOUND IN THE WARM CLEAR WATERS OF THE SOUTH PACIFIC NEAR THE COOK ISLANDS AND TAHITI. THIS LUSTROUS SHELL HAS ADORNED POLYNESIAN CHIEFS, WARRIORS, AND DANCERS FOR CENTURIES. HIGHLY SOUGHT AFTER TODAY FOR ITS NATURAL BEAUTY, PAULA SHELL SYMBOLIZES LOVE, GOOD FORTUNE, AND PROSPERITY. THIS BEAUTIFUL PALLADIUM-PLATED LIGHTHOUSE PENDANT NECKLACE FEATURES A MINIATURE LIGHTHOUSE WITH INLAID BLACK MOTHER OF PEARL IMPORTED FROM NEW ZEALAND.

ITEM #: 1809 PRICE: 26.99 (+S&H)



Ponce de Leon Inlet Lighthouse Preservation Association, Inc.

Non-Profit Organization U.S. Postage Paid

Daytona Beach,

4931 SOUTH PENINSULA DRIVI PONCE INLET, FLORIDA 32127 (386) 761-1821



LADIES "I'M A KEEPER" T-SHIRT

Show off your love for the Ponce Inlet Lighthouse with this fitted women's t-shirt featuring the historic Ponce Inlet Lighthouse and the phrase "I'm a Keeper". Available in three vibrant colors: Teal, Turquoise, & Fuchsia (pictured) in sizes small through XXXL. Please indicate desired size and color when ordering.

Ітем #: 4610

PRICES: SIZE SMALL – XXL: \$13.99 (+S&H) SIZE XXXL: \$14.99 (+S&H)

Ponce Inlet Lighthouse Tank-Top

Be prepared for the hot days of summer with this vibrant neon tank-top featuring a silhouette of the Ponce Inlet Lighthouse and the text "PIL - Ponce Inlet Lighthouse - established 1887". Made of a pre-shrunk 50/50 cotton/polyester blend, this unique t-shirt is available in either neon green or white. Available men and women's size Small - XXL. Please indicate desired color, sex, and size when ordering.

ITEM #: 1407

PRICES: SIZE SMALL – XL: \$16.99 (+S&H) SIZE XXL: \$18.99 (+S&H))

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. Customers may also shop online at LIGHTHOUSELOCKER.ORG, and place orders by phone at (386) 761-1821 ext. 21. Please contact the Gift Shop at (386) 761-1821 ext. 21 or via email at valair@ponceinlet.org for more information. Usual UPS shipping charges apply to all orders.



Tervis Insulated Lighthouse Sports Bottle

KEEP YOU COLD BEVERAGES COLD AND YOUR HOT BEVERAGES HOT WITH THIS STURDY DOUBLE-WALLED INSULATED TERVIS SPORTS BOTTLE

FEATURING A PATCH OF THE PONCE INLET LIGHTHOUSE AND HINGED LOCKING TOP. MADE IN THE USA FROM IMPACT RESISTANT PLASTIC, THIS 24 OUNCE SPORTS BOTTLE IS DISHWASHER SAFE AND BPA FREE. ITEM #: 4016

PRICE: \$26.99 (+S&H)



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 July 1, 2015 through September 29, 2015.