

BIG DIAMOND

HILLSBORO
LIGHTHOUSE
PRESERVATION
SOCIETY

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REMEMBERING PAUL BRADLEY

By Judy Knoebel, HLPS Museum Manager

I met Paul just a few years ago when we began to put together the Lighthouse Museum. He was excited that this long time objective was being realized. Paul visited the Museum on several occasions with his daughter and his caregiver. He had great ideas and suggestions, and I spent several afternoons visiting with him in his home in

Oakland Park when he showed me many, many of his drawings - including more than 100 lighthouses from Maine to Florida - and Michigan too! We chatted about his lighthouse visits and we were planning a reception to honor Paul and his work with an exhibit of his drawings of the Reef

Lighthouses. Sadly we didn't make

it before Paul's passing in January 2014, but we will be holding a reception as soon as the artwork has been hung. Watch for details on our website and in local publications.

Hib and Martha Casselberry were friends of the Bradleys for more

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UNTOLD STORY OF THE HILLSBORO LIGHTHOUSE – PART 2

On May 29, 1992, the giant Fresnel lens came to a loud and violent stop at Hillsboro Inlet Lighthouse. The 1996 Parsons Engineering report of Fairfax, Virginia to the Coast Guard 7th District recommended removing the classic lens in the Hillsboro Lighthouse and placing it in a museum in Ft. Lauderdale.

What really happened?

By Art Makenian, HLPS President

The news was widespread on the front pages of the South Florida media. Based upon a report commissioned by the US Coast Guard from Parsons Engineering, the USCG announced they were considering shutting down the Hillsboro Lighthouse. All of a sudden, the preservation of the lighthouse became a political issue in the neighboring municipalities of Pompano Beach, Lighthouse Point, Hillsboro Beach and Lauderdale by the Sea. City Commissioners of all four cities passed a resolution asking the Coast Guard to restore the operation of the lighthouse. In addition, the recommendation from

Parsons did not sit well with two determined residents of the City of Pompano Beach - David Butler and Harry Cushing.

Dave, a longtime resident of Pompano Beach and President of Pompano Beach Historical Society, was in retirement from Chris Craft Corporation as their Chief Engineer, headquartered in Pompano near I-95 and Atlantic Boulevard (**Editor's note: search Google maps for 555 S. Andrews Avenue in Pompano Beach, and click on <Earth View>.** You cannot miss the old Chris Craft building, as it is shaped like a propeller!). Harry and his wife Julie Cushing were local merchants

operating a Pompano Beach Nautical Souvenir shop on Atlantic Boulevard. I know that David is a brilliant mechanical engineer who was articulate in writing reports, and did not hesitate to write to the Commander of USCG Seventh District Rear Admiral Norman T. Saunders in early 1997 to convince him that unlike indicated in the Parsons Engineering report, it would be less expensive to install a ball bearing in the empty mercury trough than to dismantle the entire four-metric ton Fresnel lens and its mechanism. The Admiral, along with his Chief of Staff Captain Larry

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PAUL BRADLEY
1922 - 2014



See Page 4

FROM THE PRESIDENT

We have lost Paul Bradley, one of our initial HLPS Board members, who was nationally known as a lighthouse artist and an architect. Paul's work has been published in the United States Lighthouse Society periodicals, gaining praise from many lighthouse art lovers. HLPS will always remember Paul, and our heartfelt condolences go to the Bradley family. You can see Paul's drawings in our museum at the Pompano Beach Hillsboro Inlet Park.

Have you visited our new website lately? Our ultra-modern website is the creation of HLPS member-volunteers Barkha and Ken Herman - they are both computer software engineers who graciously give their valuable time and resources to HLPS, including creating the new site.

The head count of the people visiting the Hillsboro Lighthouse in 2013 was a record of 6,748 - give or take a few. This year we established a visitors log to see where the visitors come from, and their names. We are looking forward to hosting over 10,000 visitors in 2014. These impressive figures should create interest from our state and local tourist offices, and perhaps that interest will translate to grants - affording us the ability to continue the operation, repairs and the preservation of the oldest structure in Broward County.

As of this writing, we started negotiating for our next five year license with the Coast Guard. If all goes well, we plan to increase the public tours on a monthly basis increasing from eight to 12 tours a year. If the increase in tours is approved, we will be requesting more volunteers to come and join us on tour days. Of our over 2,000 active members, only 22 volunteers regularly assist HLPS at the present, but love to contribute. With extra volunteers, we can share their workload...!

Thank you for all your support, and I hope to see you on the August 19th tour, which is in concert with National Lighthouse Day.

Art Makenian



Hillsboro Lighthouse and HLPS President Art Makenian on WSVN Miami (Channel 7). Thanks to Channel 7's Angela Caraway (twitter.com/acaramiami) and team for showcasing "Big Diamond" on "Style File."

Watch the video online at www.wsvn.com/story/25159909/hillsboro-lighthouse. ♦

The mission of the Hillsboro Lighthouse Preservation Society is to promote the history of the Hillsboro Inlet Light Station and the Hillsboro Inlet area through preservation of structures and artifacts, education and public access tours.

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ADMIRAL ROBERT J. PAPP, JR. COMMANDANT, USCG RETIRES

Assumed the duties of the 24th Commandant of the U.S. Coast Guard on May 25, 2010

On Friday, May 30th, Adm. Paul F. Zukunft assumed command as the 25th Commandant of the Coast Guard, relieving Adm. Bob Papp at a ceremony in Washington, DC.

Adm. Papp, who became the 24th Commandant of the Coast Guard on May 25, 2010, received the Homeland Security Distinguished Service Medal and the Defense Distinguished Medal during the ceremony.

Under Adm. Papp's leadership, the Coast Guard focused on proficiency, expanding family programs for service members and recapitalizing aging assets. He also led efforts to respond to the Deepwater Horizon oil spill in April 2010.

As part of his final days, he sent this communiqué to all USCG members:

Subject: SHIPMATES 29 AND FINAL - WE ARE COAST GUARDSMEN

Shipmates:

Four years ago we set the watch and committed ourselves to Steady the Service, Honor our Profession, Strengthen our Partnerships, and Respect our Shipmates. These were not new, but enduring principles that reflected a return to our essential character as a Service and as Coast Guardsmen. There were many people urging me to re-brand our Service: my response was, we have one of the most respected and recognized brands in the world, the United States Coast Guard.

My highest priority was to sustain mission excellence, with a focus on Proficiency in Craft, Proficiency in Leadership, and Disciplined Initiative. But another

unwritten, unstated purpose behind my focus on those enduring principles was to break down barriers between communities and get us thinking as one Service, as Coast Guardsmen.

As Coast Guard men and women, we share a bond of pride in our rich heritage and a common purpose to uphold our honorable traditions. We are defined by unsung heroism and selfless service. We protect our Nation. We risk our lives to save others. We give our utmost when cold, wet and tired. Countless times, we have extended our arm down into the water to rescue those in peril from the sea. We will always extend that same arm to help a shipmate in need.

Coast Guardsmen are always ready. We perform our security, humanitarian and environmental response missions with an unrelenting sense of pride. When disaster strikes, whether natural or manmade, we are first on scene. We are often the last to depart.

Coast Guardsmen are agile, adaptable, ready to perform every mission and answer every call. Born as revenue cuttermen, lighthouse keepers, steamboat inspectors and surfmen, we have expanded to meet the maritime needs of our Nation. We are still the keepers of the lights, but we also now patrol far more distant waters. We readily go wherever there are important, difficult and dangerous maritime duties to be performed.

As we look to the future, we must never forget our past, our history, or our heritage. We revere that long blue line of

Coast Guardsmen who by their devotion to duty and sacrifice of self have made it possible for us to be a member of a service honored, respected, and imitated around the globe.

This is our chosen profession. This is our way. This is what we do. We are privileged to be members of a very unique Service that, due to our collection of missions and legacy agencies sometimes defies logic when someone attempts to classify us or place a label on us. For this reason, whenever I am asked to describe what I am, I always reply with pride: I am a Coast Guardsman. We are the men and women of the United States Coast Guard.

As we take in the lines and shove off on our next voyage, the Coast Guard's First Lady, Linda, joins me in wishing each and every one of our Coast Guard men and women, and their families, fair winds. I have always referred to you as shipmates. That is and will remain shorthand for members of the Coast Guard family, active duty, reserve, civilian, and Auxiliary. Thank you, it has been our greatest honor to serve all of you, and our Nation, as the leader of the world's greatest Coast Guard.

Stand a taut watch. Semper Paratus.

ADM Bob Papp, Commandant



REMAINING 2014 TOUR DATES

For more information, visit www.hillsborolighthouse.org/tours or email info@hillsborolighthouse.org.

- Saturday August 9, 2014 - National Lighthouse Day
- Saturday October 11, 2014 - Barefoot Mailman Day
- Saturday November 8, 2014 - Veterans Day



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PAUL BRADLEY, ARCHITECT AND LIGHTHOUSE ARTIST, DIES AT AGE 91

February 4, 2014 | By Lisa J. Huriash, reprinted from the Sun Sentinel

His love of Florida lighthouses helped create an organization dedicated to preserving them, and his artwork of the structures with powerful beams meant to guide ships to shore was even lauded by the U.S. Postal Service.

Paul Mayberry Bradley, Jr., an architect and artist, died at his Wilton Manors home Jan. 19. He was 91.

Born in Philadelphia, Mr. Bradley served in the Army during World War II and was wounded in action by German artillery fire, his daughter, Pat Bradley, said. He returned home in 1946, married his high school sweetheart and graduated from the University of Pennsylvania. In 1950, the couple moved to Broward County, where he worked as an architect.

His family said he designed projects, including hotels and subdivisions, throughout South Florida. His projects included the commission chambers at Wilton Manors City Hall, which opened in 1957. Its precast concrete slabs and stucco-reinforced columns exemplified the decade's popular mid-century Florida architecture, Mr. Bradley told the Sun Sentinel in 2006.



Paul Bradley and his many lighthouse sketches
Source: HLPS Member

His fascination with lighthouses began in the 1970s.

"He saw a lighthouse and was taken by it and it started like an obsession," said Pat Bradley. "He could tell you the year certain lighthouses were made, the number of steps in them, and the rotation of the light — how often the light came on to signal the sailors. He was incredible. I think he knew more about lighthouses than anybody."

Mr. Bradley illustrated books, including "Florida Lighthouse Trail" in 2001. His artwork reached national prominence in 2003 when the Postal Service unveiled a commemorative stamped envelope emblazoned with a rendition of the Hillsboro Inlet Lighthouse he created.

Auctions of his artwork of the 30 historic lighthouses in Florida helped raise money for their restoration, said Ken Smith, president of the Florida Lighthouse Association. Smith said Mr. Bradley helped found the organization in 1996 and served on the board from 2003-2007.

"He was a truly great individual," Smith said.

He served for about a decade on the board of the Hillsboro Lighthouse Preservation Society. "He liked the architectural features of each lighthouse; there are no two lighthouses identical," said Hib Casselberry, Society historian. "He has received a number of plaques and salutations — his wall is full of them — for his service and generosity of the time that was given."

Mr. Bradley is pre-deceased by one son and his wife. In addition to his daughter Pat Bradley, of Coral Springs, he is survived by daughters Barbara Bradley, of Albuquerque, N.M.; Sherry Bradley, of Santa Fe, N.M.; son Peter Bradley, of Pompano Beach; seven grandchildren and four great-grandchildren.

A burial with military honors was held at South Florida National Cemetery in Lake Worth. ♦

REMEMBERING PAUL BRADLEY

(Continued from page 1)

than 40 years, and offer their memories of Paul:

Martha and Barbara were bridge partners and Paul and I were both into architecture and lighthouses. In the 1970s Paul and I drove to Key West, chartered a sea plane to fly over to the Dry Tortugas, a wonderful half day at the historic place, Fort Jefferson and its

three sites of lighthouses. In later years I joined Paul's employment in his architectural office.

*Paul was very active, and lighthouse people all over this country sent photos of their lighthouses (many of them had been damaged by storm or lost), asking for his drawings of their lighthouse. The last years of his life, Paul suffered with **Parkinson's disease**, but miraculously it never bothered his hands so he was*

able to continue to produce lighthouse requests until his death from that disease.

We truly miss both Paul and Barbara Bradley, two very special people who are gone from us.

Sincerely,

Hib and Martha Casselberry

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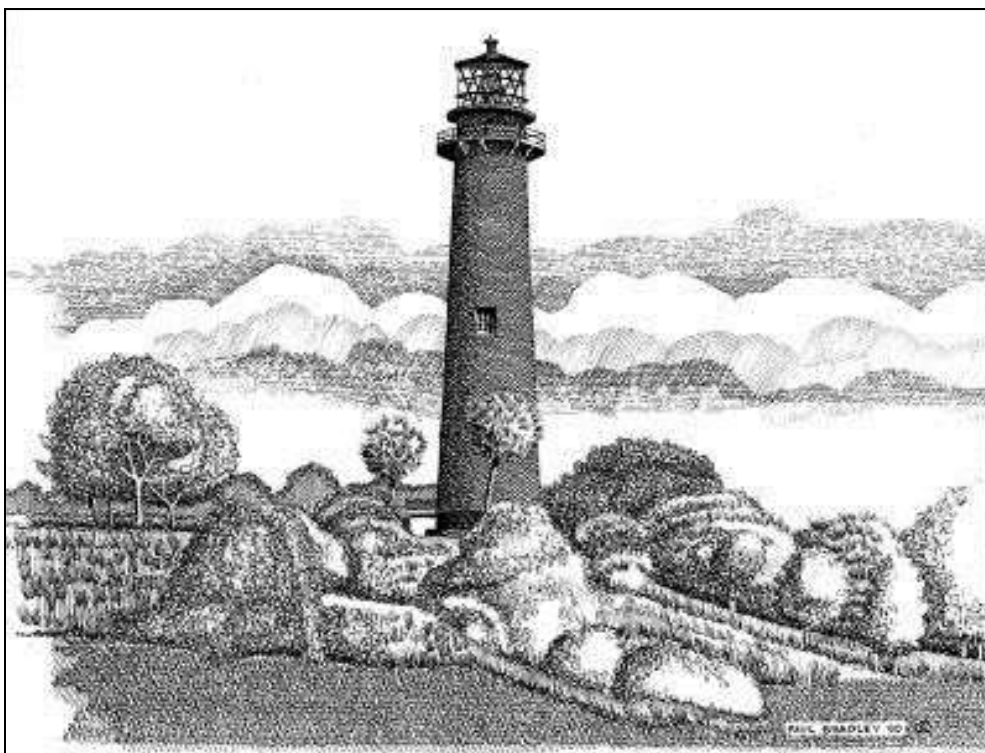
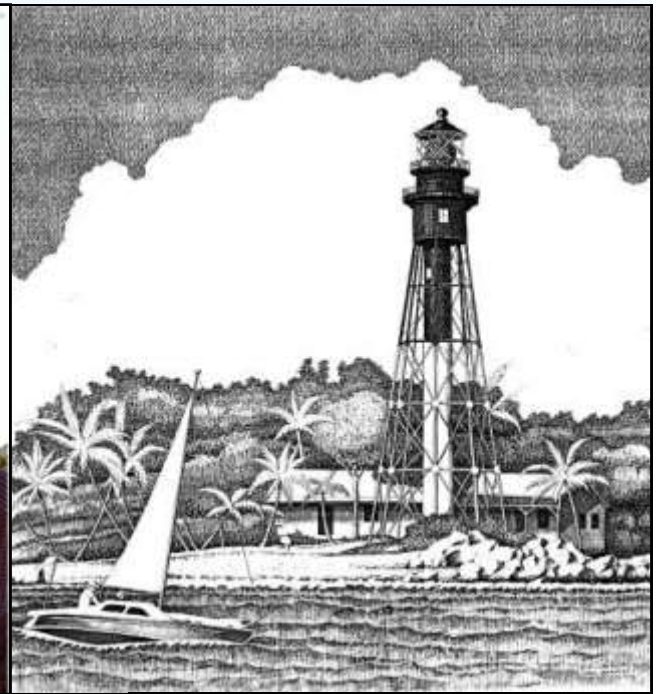
REMEMBERING PAUL BRADLEY

(Continued from page 4)

Paul drew buildings, vehicles, lighthouses and more for most of his life. His daughter Pat recalls that whenever Dad needed to explain something, "he drew a picture." She believes he found it difficult to communicate without his pencils, and he always sat with a drawing board in his lap in the evening while "watching TV." Pat recalls family vacations with side trips to visit lighthouses and in particular one where there was a long ride along a dirt road to a remote lighthouse and

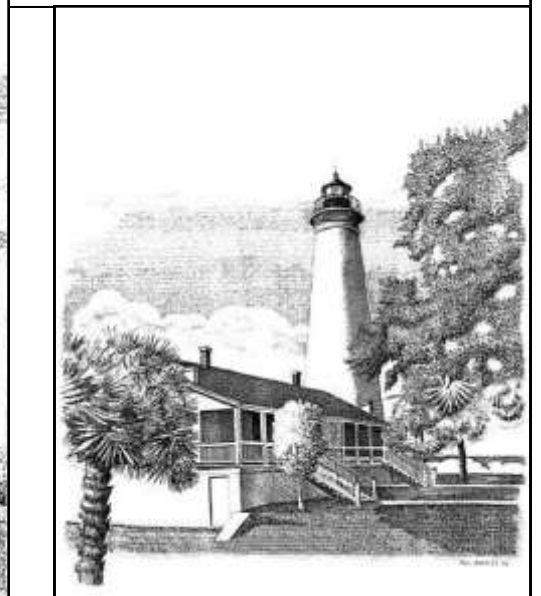
getting out of the car to a swarm of mosquitoes. She and her siblings did not share her Dad's enthusiasm for lighthouses at that moment. She remembers he always visited lighthouses and began drawing them sometime in the 70's.

Hillsboro Lighthouse is fortunate that Paul's drawing is the image on the 2003 U.S. Postage stamp commemorating our lighthouse which is on display in our Lighthouse Museum. It is also the image for our holiday cards and note cards. Paul's work will live on for many generations to enjoy. ♦



Clockwise from Upper Left: Barbara and Paul Bradley at Sombbrero Key; Paul's sketches of Hillsboro Lighthouse, St Mark's Lighthouse and Jupiter Inlet Light

Source: Judy Knoebel and Florida Lighthouse Association



UNTOLD STORY OF THE HILLSBORO LIGHTHOUSE – PART 2

(Continued from page 1)

Yarbrough, decided to further pursue David's suggestion.

In January 1997, under orders from District 7, the Coast Guard Engineering Unit (CEU) Miami and Commanding Officer CDR Dale Walker and his staff LT Scott Wagner met with David Butler in Miami to announce the **Coast Guard's plans to renovate the lighthouse** and restore the lens turning mechanism. A contract was awarded in February to Collins Engineering of Chicago to produce the engineering drawings and specifications for the Hillsboro Light Rehabilitation project. The plans and specifications were ready in early 1998 for bidding by general contractors.

During that same period in early 1997, Harry and David assembled a group of people interested in preserving and restoring the lighthouse. This group consisted of Philanthropist Miriam Hood, Lighthouse Historian Hib Casselberry, Lighthouse Artist and Architect Paul Bradley, Florida Atlantic University Marine Engineering Professor Dr. Ray McAllister, local Pompano businessman Charles Seitz, local attorney Fred Bamman III and local historian and future Mayor of the Town of Hillsboro Beach, Carmen McGarry - all of whom became the initial Board of Directors of The Hillsboro Lighthouse Preservation Society, Inc. (eventually incorporated on October 27, 1997).

On October 22, 1997, Harry Cushing and David Butler organized a public meeting at the Pelican Pub near Hillsboro Inlet bridge to generate community interest and gather future members for the renovation project. The speakers and moderators at that meeting were Harry Cushing as President, David Butler as Vice President and representing the Coast Guard, BMC Dennis Dever, the officer in charge of the Aids to Navigation (ANT Miami) and the Hillsboro

Inlet lighthouse. Chief Dever knew very well all about lighthouses and the effort it takes to maintain and operate them, as one of his previous assignments included the historic Boston Harbor lighthouse.

Also in 1997, the Coast Guard had signed a Memorandum of Understanding (MOU) with the Coast Guard Auxiliary Branch for a Joint Action Plan for Employment of the Coast Guard Auxiliary in Support Of the Coast Guard Short-Range Aids to Navigation Program. This MOU included lighthouses.

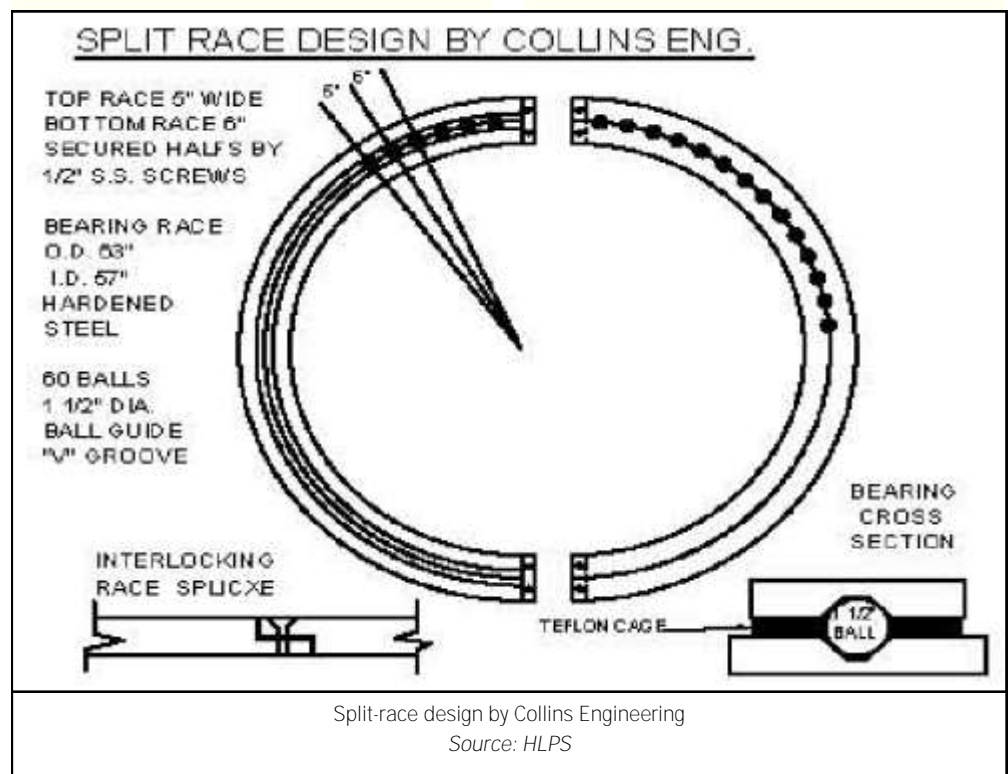
In May 1998, the successful bidder for the entire renovation project for the sum of \$220,000 was Worth Contracting, Inc. of Jacksonville, Florida. Chief Dever's office was located 53 miles south in Miami Beach Coast Guard Station, preventing him from making daily trips to oversee the quality and the progress of the contractor. After eight months, when all of the contracted tasks were completed, it became evident that the portion of restoring the lens turning mechanism was beyond the contractor's

capability.

I had been serving the Coast Guard Auxiliary for 11 years, and during the renovation period, had been living at Hillsboro Shores, **just a stone's throw away from the lighthouse**. Chief Dever needed someone to oversee the restoration efforts, and as a professional engineer and a qualified USCG Aids to Navigation technician - and because of the MOU - I was assigned by Chief Dever **to act as a Contracting Officer's Technical Representative (COTR)** on his behalf, reviewing the quality and the progress of the contractor.

I was not convinced that the newly delivered **60" ball bearing from Worth Contracting** would last after closely reviewing the drawings of Collins engineering and the quality of the construction. The bearing lower and upper races were split in half, **interlocking and secured by two 1/2" countersunk screws on each half**. The sixty

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UNTOLD STORY OF THE HILLSBORO LIGHTHOUSE – PART 2

(Continued from page 6)

1 ½” chrome alloy balls were inserted in a split Teflon caging.

When I questioned the bearing design concept to Collins Engineers Michael Garlich and James Peterson, they said that it was specified by the Coast Guard engineers to ease the installation of the bearing in the trough without taking the heavy rotating body assembly apart. With the approval of Captain Jonathan Byrd, Commander of Group Miami, and a team of seven dedicated Coast Guard Auxiliary colleagues, we took over the task of installing the new bearing, taking just less than a month.

On January 28, 1999, a large group of residents, local media along with local politicians and Coast Guard officials, gathered across the waterway from the lighthouse, at the Yardarm empty lot just south west of the Inlet Bridge, to celebrate the first lighting ceremony of the newly restored light system. The large enthusiastic crowd started a countdown from 10 to 1, and the light turned on and started rotating for the first time since May 29, 1992, making great news throughout South Florida.

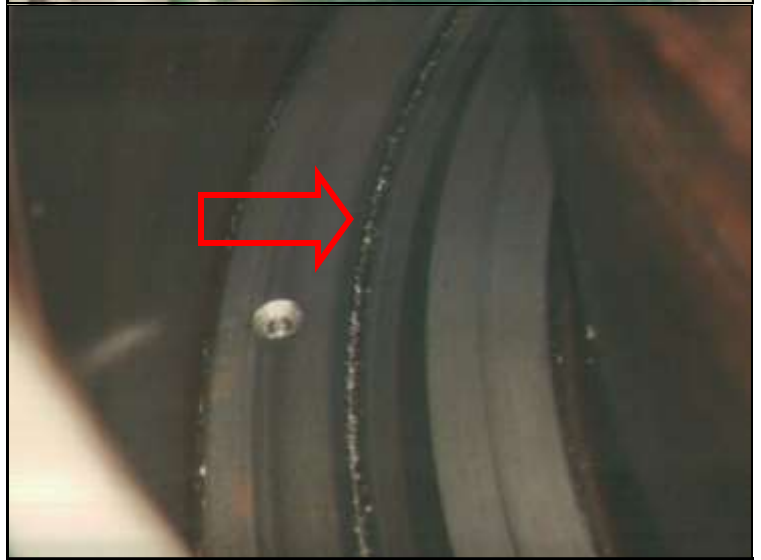
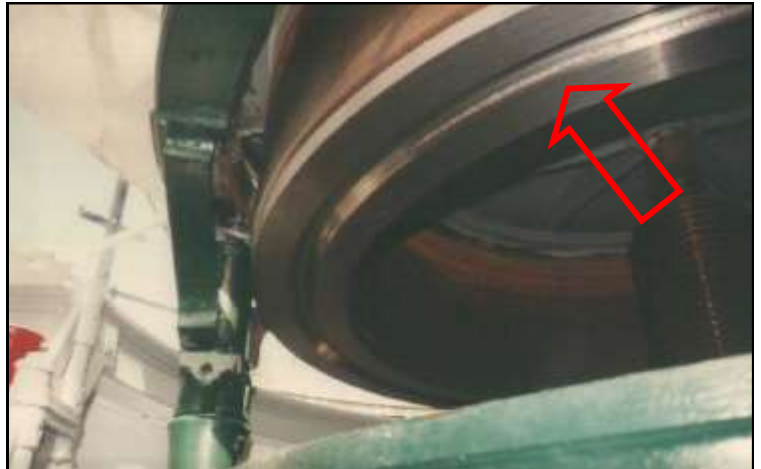
As a reward, the U. S. Coast Guard presented the CG Auxiliary team with a Special Meritorious Citation, as well as appointing me as the Keeper of Hillsboro Inlet Lighthouse.

For one month, to the day, the Light never missed a signal. On the morning of February 28, 1999, I was informed by the lighthouse cottage occupants that the light beam was on, but the lens was not turning as it should have during the night. Climbing up to the watch room and checking the main circuit board revealed a tripped breaker assigned to the lens rotating motor. When the breaker was reset, and the motor was turned on again, a metal grinding noise followed by a loud vibration tripped the same circuit breaker. That meant trouble. Normally, when the rotation drive gear is disconnected, the lens platform can be rotated by a moderate push or pull by hand. However, this time the lens platform was seized.

An immediate NOTICE TO MARINERS was initiated by Chief Dennis



Failed Ball Bearing Track
Source: Art Makenian



Upper (above) and Lower Bearing Races
Source: Art Makenian

Dever, and the previously removed Vega 25 temporary beacon (still on site then, and still at the lighthouse to this day) was re-installed within 24 hours. The Hillsboro Inlet Lighthouse was once again back in dark and inoperative status.

The same Auxiliary team who assembled the lens mechanism only two months prior started to disassemble every piece of hardware they had put together. Inspection of the condition of the newly installed bearing races revealed badly scorched v-grooves on both upper and lower races.

The Teflon caging was torn to pieces and the lubricating oil was contaminated with metal and Teflon particles.

By mid-March 1999, David, myself and the entire USCG auxiliary team knew we were back to square one. In addition, Chief Dennis Dever was a few months away from departing to his new assignment at USCG Station Cape May as a Senior BMC officer in charge of ANT Cape May, NJ, adding to our dismay.

The third and final article of *What Really Happened?* will appear in the next issue of the **Big Diamond**. ♦

SAMUEL ROBERT AUSTIN CURRY

Hillsboro Lighthouse 2nd Asst. Keeper, June 1, 1908-July 12, 1909

By Priscilla Curry Hale and Rita Curry Porter

Our grandfather's name is Samuel Robert Austin Curry. He went by the name Austin, but we don't know why. According to our father, Thompson Austin Curry, Grampa was an impatient man with a fiery temper...and he didn't like taking orders. He quit the Hillsboro lighthouse when he thought he wasn't advancing fast enough.



Ben, (Samuel Robert) Austin and Ella Curry
Source: Priscilla Curry Hale

"Little Gram" was Ella Mae Russell Curry, and she had a temper too. We heard the tale that Grampa was a drinker and one time Little Gram waited behind the hedge with a cast iron skillet to greet him.

They were real Key West Conchs, with lineage to the Bahamas, back to the Carolinas, to Scotland. Grampa was born on Green Turtle Cay (Bahamas), and he had a thick Scottish accent.

On the islands, most of the water was rain caught on rooftops, guided to cisterns for storage. This was "before the (Hillsboro Inlet) bridge". After one particularly bad hurricane, Little Gram was fed up with water shortages and made Grampa move them to the mainland, which is why our dad was born in Miami.

Little Gram's father used to sail a schooner up to Boston and back with salted Key limes and other produce for the Yankees. Also among the cargo were male cardinals caught to send up north for pets.

Grampa and Frazier Pinder, who also served at the Hillsboro Light, were brothers-in-law who were also cousins...we often joke that our family tree is a coconut...no branches. They both worked at the Fowey Rock Light, too.

The rocker (see picture below) that our Little Gram used on the front porch of the lighthouse cottage belonged to her mother and rocked 5 generations (that we know of) and is now at Rita's home, as are the wool dress-up suits of two grandfathers. They were also their "burial suits," put on for viewing and taken off before the actual burial because they were so costly. One of the suits has a greenish tinge from being washed in sea water. They were small men - Grampa had a 28 inch waist.

We believe the concrete bench Little Gram sits on in one picture is one that still resides at the Lighthouse (see next page).

Rita and I both have sons who bear the Austin name, keeping a family tradition. Her son, Travis Austin Smith, is a Lt. Colonel in the Army. My son, Austin Green Hale, is a scientist who earned a Captain's license (as did his brother Elmer). ♦



Ben, Ella Curry (right) and her mother
Source: Priscilla Curry Hale



At the Hillsboro Lighthouse—rocking chair in the photo at top
Source: Priscilla Curry Hale

SAMUEL ROBERT AUSTIN CURRY



On the concrete bench at the lighthouse...
Source: Priscilla Curry Hale



Hillsboro Lighthouse Postcard
Source: Priscilla Curry Hale



A funnel cloud over Hillsboro Lighthouse
Source: Friend of HLPS

NEW MEMBERS & RENEWALS

Amato, Jeanne	Connors, Mary D.	Giardina, Diane	LA Tour
Amore, Patty	Copithorne, Maureen	Gibson, Michelle	Lauderback, William
Anderson, Jo	Cornelius, Karen	Gire, Judy	Lehman, Jill
Applegate, Chris & Leslie	Coranado, Tony & Aggie	Goebel, Ima Sue	Leslie, Jennifer
Arcand, Maurice	Corsa, Stuart	Goozh, Walter	Levitan, Golda
Arney, Donna	Craig, James & Roberta	Gordon Family	Libeau, Frank
Atkins, Robert & Karen	Cruz, Cindy	Gordon, Tami	Lint, Jamie
Bailey, Dean	Cunningham, Larry & Donna	Grady, Bill & Debbie	Liptay, June
Baker, David	Dailey, John & Beth	Gragg, Allen, Rachael & Roman	Long, Michael S.
Baker, Suzanne	Danford, Lisa Quaranto	Grant, Jennifer	Lundahl, Duane
Barbehenn, Craig	Day, Lee	Grau, Francisco	Luthy, Peter & Hedy
Barras, Shelby	D'Costa, Ivy	Gritter, Robert & Belinda	Lusk, Diane
Battersby, Arvin	Dearden, Simon	Grogan, W.Raymond & Lina	MacRae, Mannina
Beal, David & Donna	Decker, Phil	Grossman, Michael	Maier, Ken
Beal, David*	De Grant Robert & Joan	Hanna, Nancy	Malaney Family
Beaudot, Joseph	Desjean, Robert & Cathie Lee	Hansen, Lynn	Margolies, Robert
Benick, Steve	Dematteo, James	Hanson, Bill	Matthews, Robert
Bennett, Stanley & Linda	De Mello, Theresa	Harrison, Kay	McCaul, Benjamin
Berning, Paul & Jackie	Depke, Lynne	Healy, Patrick T.	Mc Cray, Brian
Berringer, Camille	Dewhirst, Cheryl	Heaty, Gavin	Mc Ginnis, Ed
Bettner, Steven & Jean	DeWitt, Rick & Roberta	Hernandez, Oscar	Mc Grath, Ed & Margaret
Bittner, Michael	Di Domenico, Michael	Herter, Elaine	Mc Holme, Bonnie
Biordi Family	Diller, George H.	Higgins, Brad	Mc Kallagat, Peter & Louise
Blickle, Charles	Dinkel, Robert & Melody	Hill, Alan	Merhige, Amanda
Block, Jon & Debbie	Dinzole, David	Hill, Norma	Michael, Stephen
Borbouse, Jackie	Dorele, Rosemary	Hoard, Melanie	Miller, Thomas
Bosse, Michelle	Dougherty, Bon & Susan	Hoffman, William	Mills, Bob & Sharon
Brady, Leslie	Dunn, Cassie	Homer, Andre	Mills, Douglas
Braska, Steven	Downie, Donald & Rosalynn	Horn, Greg	Mink, Gary
Brassord, Ron & Diane	Driscoll Family	Hough, Colleen	Miranda, Martha
Braun, Kacie	Drucker, Mark & Judy	Hufnagel, Valerie	Mitchem, Donald & Lynne
Breault, Annette	Durrett, Mary & Steve	Hulbert, Patricia	Moccia, Ralph & Roberta
Brooks, David & Theresa	Duryea, Jamie	Hunt, Dennis	Mogul, Joe
Brown, Howard	Eastwood, William	Jackson, Gregory	Montemerlo Family
Burch, Nancy	Eckers, Steven	James, Rick	Monteson, Patty
Buckley, Marty	Edwards, Lynn	Jenik, Peter	Mooney, Tristin*
Burgess, Arthur & Gelsomina	Ellis, Ben & Jeannie	Jenkins Tammy*	Morgenthien, Maureen
Cadavikko, Humberto	Esposito, Frank	Jewett, Clyde & Glenda	Moriarty, Michael
Calkins, Antoinette	Essex, Lauren	Johnston, Russ & Barbara	Morris, Ben & Jessica
Canino, Maribel	Fairbanks, Nancy	Jolly, Clifford	Morris, Robert & Denise
Carabelli, Marcey	Favitta, Jeff	Joswick, Donald & Beth Ann	Morrison, Gerald
Caravallo Family	Fernandez III, Roberto*	Kalafa, Lauren	Morrison, Judith
Casper, Dawn	Ferrell George P.	Keyser, Andrea	Moses, Atty. Dan
Casacci, Antoinette	Fineout, Mr. & Mrs. Jonathan	Kissel, Toni	Mueller, Richard
Catanese, Jay	Fitzgerald, Debbie	Kittredge, Danielle	Mueller, Stefani
Chapman, Michele	Fletcher, Greg A.	Knight, Robert	Mulholland, Kevin
Chick Mary	Focarazzo, Mice	Knutson, Steven	Muir, Susan
Chinatti, Ann	Fourniel, John	Koetsier, Linda	Murphy, Cathleen
Clifford, Tara B.	Fox, Terry & Bev	Kranski, Amanda	Murphy, Joseph & Lisa
Clinton-Simpson, Florence	Francis, Richard	Krinski, Cecile	Murphy, Samuel & Wanda
Cloeren, LaHoma	Fredlund, George	Kruger, Wayne & Becky	Murray, John*
Cloutier, Joseph	Fritz, Naomi	Krugler, Ralph	Myers, Jr., Charles K.
Coatti, Aldino & Christina	Garcia Amy	Kubikova, Jarmilla	Nielsen, Brittney
Connell Tracy & Mark	Garcia, George	Kulas, Anthony	Niswonger, Judy*
Cooper, Chris	Gastaldo, Ivan	Lanier, Britt & Alexa	Nolan, Susan
Cooper, Shirley	Geer, Beverly	Latham, Terry & Marion	

(Continued on page 11)

MONETARY AND OTHER CONTRIBUTIONS

John Shaw ** (The Cassill Foundation, Inc.)

Hillsboro Club

George & Doris Rodormer

Michael Curry

Hib Casselberry

Keith Campbell

NEW MEMBERS & RENEWALS

(Continued from page 10)

Nolan, William	Rieger, Daniel	Smith, Marie	Vercesi, Susan
Norden, Sean	Robards Family	Smith, Robert	Villa Family
Nyemetz, John & Laura	Robinson, Terri	Smith, Steve	Vivencio, Candice
Olsen, Craig	Roberts, Roger	Smith, Trey	Von Staden Family
O'Neill Family	Rodormer, George & Doris	Somol Family	Voyles Family
Ostrander, Shane	Rodriguez, Horacio	Southak Family	Waterman, Barry
Otero, Manuel	Rodriguez, Jessica	Spear, Nanci	Weck Family
Paolino, Ben	Rodriguez, Uriel	Spivey, Beverly	Whaley, Kim
Parent, Jean	Roennebek, Annette	Stanich Family	Waters, John & Betty
Parupria Family	Rogers, Joy	Starkey, William & Rita	Welage, Bert
Patsy Family	Rojas, Heidi *	Starr, Oren	Welker, Richard
Paul, Aizire L.	Rosen, Harriet	Stevens, Bob	Weisenberger, Alan
Paul, Bruce	Rudolph, Clarence F. "Buddy"	Stevens, Barbara	West, Elizabeth
Peabody, Anderson Lysen	Salazar Family	Stewart, Judy	Whately, OJ
Pemberton David L. & MaryAnn	Salise, James & Jane	Stiefel, Robert	Whelan, Maura
Perez, Janet	Salveson, Clint & Stacey	Stitely, Tim	Whipple, Sandra
Picado, Andres	Samuels, Jay & Linda	Stout, Chuck	White, Edward
Pidgeon Family	Sanchez, Jorge	Streck Family	White, Robert
Pieplow, Dave & Sue	Sanchoo Family	Strickland, Amy	White, Zan
Pierson, Lynn	Sarra-Bournet, Julie	Stubbs, Trevor	Whiteaker, Shelby
Pistoni, Graciela	Schapiro, Ann	Stuckless, Joy	Whiting, Cindy
Poole Family	Schechner Family	Studevart, John	Widener, Nancy
Popa, Nicholas & Sally	Schmidt, Don & Anne	Szilagyi Family	Wilkins, Nancy
Popluder, Mark	Schmidt, ad	Taylor, John F.	Williams, Kim
Porter, Rita Curry	Schmidlin, Alice	Thomas, Jeffrey	Williams, James C.
Preheim, John & Jo Ann	Schneider, Jane	Thomas, Richard & Margaret	Willis, Keith
Price, Joseph	Schnoeller Family	Thomason, Jacqueline	Wilson, Linda
Prince Family	Schumann, Stan & Paula	Thompson, Barry	Wilson, William
Proscia Family	Schwab Family	Thompson, Denise	Witham Family
Pugatch Family	Sears, Howard & Christine	Thompson, Tom	Wneck Family
Puite, Richard	Seidel, Doreen	Thorne, Christine	Woods, Lori
Rafferty Family	Selzer, Leslie & Nancy	Tice, John E.	Yarbrough, Capt. & Mrs. Larry
Raines, Andrew	Shigeta Family	Titone, Patricia	Young, Jerrod
Rambert, Phyllis K.	Shoaf, William	Todd, Lori	Youngblood, Mr. & Mrs. Brian
Rapport, Carol	Silverstein, Mona	Tong, Richard & Ellin	Zapf, Marty
Raymond Karla	Silverstein, Patricia	Tracey, Dr. Charles C.	Zeisset, Darla
Redd, Carol	Silverstein, Ruby	Tramel, Bill & Judy	Zentner, Matt
Reddy Family	Sinagia Family	Travis, John	Zimmer, Ronald H.
Rehm, Nancy	Singer, Judy	Tucker, Bob	Zulka, Ellen
Remsen Family	Sipos, Jeffrey	Unger, Michael	
Remmerden, Michelle	Sirabella, Lauri	Vagasy, Tommy	
Reyes De Leon, Luiseida	Skimming Family	Valerino, Helene	+ Organization
Reyna-Ribeiro, R.	Skinner, Randy	Valverde, Elizabeth	* Business Membership
Ridick Family	Slayton, Charles & Sally	Vancavage, Jeff	** Life Members
	Smith, Carol & Mary Ann	Varhola Family	
	Smith, Julie	Vennard, Lon*	

DID YOU KNOW...

The two-ton, second-order bivalve Fresnel lens at the Hillsboro Lighthouse was first lit on March 7, 1907, and at the time was one of many lighthouses around the world powered by kerosene lamps – each bright in their own respect, **but all of which were dwarfed by the (now in a museum) Makapu'u Point (Hawaii) Hyper-radiant Lens that was first lit in 1909.** The light from that lens reached 25nmi out to sea.

In 1910, the USLHE converted the Hillsboro Lighthouse from kerosene to electricity – the four (4) 250-watt bulbs that were installed increased the brightness of the light to 2.5 million candlepower, which were then reduced to three (3) 250-watt bulbs in 1932. In 1958, the Oak Island (NC) lighthouse had its lower light bank converted to carbon-arc mercury lamps in 36-inch reflectors (from aircraft spotlights used in World War II), which at the time made Oak Island the brightest in the U.S. and **second brightest in the world only to the Creac'h Lighthouse on France's Isle d'Ouessant, which shined 32nmi.** However, the Oak Island lights that made it so bright were decommissioned in 1962, and due to severe rot, the Creac'h Lighthouse (unfortunately like many French lighthouses) has become more symbolic than functional.

In 1966, the three 250W bulbs at Hillsboro Lighthouse were replaced with one 1,000 watt bulb, with the result being an increase in power to 5,500,000 candlepower (candelas), making the Hillsboro Lighthouse beam reach 28nmi out to sea – **now the strongest active lighthouse beam in the world.**



Return Service Requested

Hillsboro Lighthouse Preservation Society, Inc.
P. O. Box 326
Pompano Beach, FL 33061-0326
www.hillsborollighthouse.org

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Photo by Charles Kasprzak
ckasjr45@gmail.com