The Harbor Beach Lighthouse Preservation Society, Inc.

2017 Letter From the President

A Very Productive Year

The Harbor Beach Lighthouse Preservation Society continued to make great strides in 2017. We saw an increase in guests visiting the lighthouse. In 2014 we hosted 292 guests, 2015 saw 611 guests with the birthday celebration, in 2016 there were 460 people, and in 2017 we hosted 499 guests. This year the most visible change is the construction of the fog signal building next to the lighthouse tower. The construction spurred a lot of interest and many questions as well. Below are some of the questions that were asked.

Why are you building a new structure?
Actually we are re-building the structure that stood there for over 80 years before it was removed by the Coast Guard in the 1960’s. The original building was constructed in 1885 when the lighthouse tower was built.

What was building used for?
The fog signal building contained the mechanical equipment to sound a signal during periods of low visibility. Originally there were two fire boxes which were fueled by coal. They would heat water in boilers creating steam to power a steam whistle mounted on the roof. Later the system was changed to a gasoline engine attached to a compressor that filled air storage tanks to produce the signal.

Are you allowed to build something at a site that is registered as a State Historic building?
Yes. The Society went through an approval process that included the State of Michigan, the National Parks Service and the City of Harbor Beach.

How do you know what it looked like?
The Lighthouse Society has a collection of lighthouse photographs showing the building and a Society member originally from Harbor Beach, Tony Lang, obtained blueprints of the building from the National Archives in Washington D.C.

Is it built like the original fog signal building?
Yes. Since it is built on the site of a historic landmark, state and national restoration and preservation agencies require that it be built as faithfully as possible to the original structure. The Society had lumber cut at a mill to the same size used in 1885 and the building was constructed using methods of the period. Some modern methods and materials were used in the interest of safety and durability of the structure, but will not be visible when completed.

Will the fog horn be replaced?
No. However, the Society is researching the installation of an updated fog signal system.

Inside This Issue
Page 1: Letter From President - Skip Kadar, President
Page 2: Taking Public Access to the Next Level - Buzz Hoerr, Board Chairman
Page 3: Preservation/Restoration Report - Ron Klebba, Preservation/Restoration Director
Page 4: Tour Program Update - Annette Sweet, Tour Director
Page 4: Maintenance/Projects Report - Ron Kociba, Maintenance/Project Director
Page 5: Tour Season & Gift Shop News - Pam Semp, Marketing Director
Page 7: The Fog Signal Building Rises Again
The past few years have been remarkable. The Society and its volunteers have taken the Harbor Beach Lighthouse to a whole new level. We now have a "campus" that contains two buildings, the lighthouse tower and the fog signal building. This will allow us to move some of the materials we have on display into the new building and expand on that collection to tell the story of the maritime heritage of Harbor Beach, and allow the tower to present the keeper living quarters and work spaces supporting the light in the form of our 9th Order Fresnel lens. This expansion of displays will keep interest in the tours high, and we are planning "changing exhibit spaces" in both buildings to feature new displays from year to year.

I had the pleasure of being interviewed with our Head Docent Annette Sweet by WLEW in Bad Axe last spring about the upcoming tour season. One of the questions I was asked is what gives us the most satisfaction from the project? While there are the usual answers about the lighthouse looking a lot better, the new lens, etc, the answer actually is something very different. We are proud of how the lighthouse has become a unifying symbol of the community, with people from all walks of life participating in the restoration and maintenance, the tour program, the marketing, the exhibit design and all sorts of smaller projects that together make up a very busy operation year-round.

A great example of this was the group of builders, some of whom were students of Restoration Director Ron Klebba when he taught building trades at the Huron Area Technical Center. They came together on a cool, sunny day in May and "raised" the fog signal building walls and roof in one weekend, an amazing feat! He told me several of them were very proud to be able to donate their time to such an interesting and historic project. We now have summer and year-round residents, teachers, builders, community members of all types and interests who have joined the group to restore the symbol of Harbor Beach. Thanks to all of them and to you, our supporters. Our success is really about all of us coming together!

By Buzz Hoerr, Board Chair

The popularity of the lighthouse is a result of the efforts of many great people. There are the gift shop volunteers who are the first to meet our guests, the boat captains who transport them across the harbor, the docents who convey historical knowledge of the lighthouse, the restoration crew who have worked countless hours to bring the lighthouse back to a condition that is historically accurate, and the maintenance crew who make sure we have the materials and equipment to accomplish our goals. Behind the scenes we have more volunteers who keep track of funds, write articles, and make presentations to civic groups. There are people who put together this newsletter, those who maintain our online presence and people who administer the overall operation. The dedication of these volunteers who provide their time, efforts, knowledge and skills has resulted in making our lighthouse a popular destination for lighthouse lovers.

But, as in any volunteer organization we are in need of more people to come forward and assist. If you, or anyone you know, would like to volunteer in any capacity, please contact us. Thanks to all who have made and continue to make the Harbor Beach Lighthouse Preservation Society.

The Foam Signal Building Rises Again Donation Form

Thanks to hundreds of donors as you can see we’ve been able to raise enough funding to rebuild the fog signal building and hosted 500 tour guests this summer who were able to watch it come together! We can now turn our attention to finishing the interior and program the space with Harbor Beach and Great Lakes maritime heritage exhibits to enhance the tour experience. There will even be a composting toilet in an enclosed bathroom right where it was when the building was active. (Without the straight pipe into the water below of course!)

We invite you to participate with us in any amount you are able to donate. If your gift is $50 or more please provide your name or someone you would like to honor and that will appear on a donor list that will be installed in the building. A donation form and receipt are found below. The Society is a 501 c 3 and thus your gift is tax deductible to the extent allowed by law.

Please fill out and return with your check or fill out and make your donation on line at: harborbeachlighthouse.org/fog

Harbor Beach Lighthouse Preservation Society, Inc. is a registered Michigan 501 c 3 corporation.

<table>
<thead>
<tr>
<th>Amount</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>$500</td>
<td>$250</td>
</tr>
<tr>
<td>$100</td>
<td>$50</td>
</tr>
</tbody>
</table>

Please enclose your check made payable to HBLPS, Inc.

NAME

ADDRESS

CITY STATE ZIP

TELEPHONE EMAIL

NAME ON DONATION LIST:

Mail to: HBLPS, c/o The Harbor Beach Agency, 128 State Street, Harbor MI 48441

RECEIPT FOR YOUR RECORDS

THE FOG SIGNAL BUILDING RISSES AGAIN DONATION FORM:

Harbor Beach Lighthouse Preservation Society, Inc. is a registered Michigan 501 c 3 corporation.

<table>
<thead>
<tr>
<th>Amount</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>$500</td>
<td>$250</td>
</tr>
<tr>
<td>$100</td>
<td>$50</td>
</tr>
</tbody>
</table>

Please enclose your check made payable to HBLPS, Inc.

NAME

ADDRESS

CITY STATE ZIP

TELEPHONE EMAIL

NAME ON DONATION LIST:

Mail to: HBLPS, c/o The Harbor Beach Agency, 128 State Street, Harbor MI 48441

A donation form and receipt are found below. The Society is a 501 c 3 and thus your gift is tax deductible to the extent allowed by law.

The Fog Signal Building Rises Again Donation Form
The summer of 2017 saw the Lighthouse Preservation Society accomplish a goal that it has thought about for many years. A replica of the original Fog Building. It is up and nearly complete minus a few exterior details and interior finishing. With a large group of local experienced professional help as well as our regular volunteer crew we were able to frame and erect the entire building in one weekend. This involved 13 volunteers on the 3rd of June and 12 volunteers on the 4th of June. Once the building was framed and erected our regular “maintenance Wednesday” crew was able to complete the roofing and siding as well as install and paint the windows and doors.

As a prelude to all of the actual construction work, all of the building materials, scaffold and tools as well as a porta john had to be hauled by boat out to the site. We literally man handled all of the lumber piece by piece on to our pontoon boat and on to our 16ft, work boat and motored out to the lighthouse making a total of 11 trips. As the material was transported out to the breakwall the material was re-stacked and made ready for use. Once again, several trips were made back to shore with our pontoon loaded with scraps of lumber, roofing and siding. I could go on and on about this project knowing that it was going to be a logistical, never ending problem solving challenge but in the end things went very well. I am thankful that the weather off shore cooperated, that we had no injuries, and that all those involved were able to walk away with a great sense of accomplishment.

Thank you to all those who hauled framing tools, lumber, siding, scaffold, generators, pneumatic nail guns, donuts, saws, cases of water, roofing, bones of nails, screw guns, air compressors, doors, food, windows, extension cords, air hoses, 6 saw horses, scaffold planks, ladders, table saw, steel siding saw, nibblers and on and on and on!

Next summer we will finish off the interior of the building which includes a new wood floor and install replica smoke stacks to the roof of the building.
2017 TOUR PROGRAM UPDATE

By Annette Sweet, Tour Director

Another successful season has gone by for the Harbor Beach Lighthouse. Five hundred guests came to see and hear about the jewel of Lake Huron. The lighthouse opened in 1885 and although it had remained unmanned for many years, it has been restored to its former greatness by the Harbor Beach Lighthouse Preservation Society. As guests came onto the breakwall, they looked in awe at the beauty of this structure. There on the breakwall they were given the history of the construction of the Harbor and the lighthouse. On the first level, guests were taken back in time to the early 1900’s as the docent explained how the lighthouse keepers lived. Onward and upward to the sleeping quarters, another docent showed the pulleys that turned the original lamp. The workroom docent, showed some of the tools they used. Then to the breathtaking views of the gallery, as the docent shared his knowledge of local stories and shipwrecks. Guests left with a new appreciation of the history of the lighthouse. It is the enthusiasm and knowledge of the docents that bring this to life for them.

Finally, thank you to our 2017 docents! The best part of tours are our amazing docents and how knowledgeable they are about the lighthouse. When guests return from their tour they are amazed at how much they have learned about the lighthouse, breakwall, and harbor.

For additional information about the 2018 Lighthouse Season, please visit harborbeachlighthouse.org. Also if you would like to be a 2018 docent, email me at sweetannette6829@yahoo.com.

2017 MAINTENANCE/PROJECTS REPORT

By Ron Kociba, Maintenance/Project Director

We opened the lighthouse for the season on April 21, 2017. Boats were serviced and launched the first week of May, in preparation for hauling all of the material out to the lighthouse for the reconstruction of the fog signal building.

Most of the crew was occupied with the construction project this season but we did manage to complete a few maintenance projects this year. A new LED light was installed in the lighthouse basement. It is operated by a timer to avoid the issue of the light being left on and draining the batteries. We purchased an electric power washer for cleanup of the droppings left by the birds. Our pontoon boat developed a leak due to fatigue of a joint in the aluminum. Fortunately it was quickly repaired by a local shop.

Last winter, we had an issue with the camera system and the beacon shutting down due to lack of solar power and the continuous draw of the security camera system. The long term solution is to add more solar panels and double the battery capacity. We ran out of time to get the new panels installed but we did purchase three new batteries to increase our electrical storage capacity for the beacon. In addition as a temporary improvement we reallocated our existing solar panels to put 3 panels on the beacon and security system and only one on the floodlighting system. This will improve the reliability of our critical beacon and camera systems.

The floating dock was removed and towed back to shore on October 1, 2017. The final trip to close up the Lighthouse for the season and make plans for next year was on October 16, 2017.

2017 TOUR SEASON & GIFT SHOP NEWS

By Pam Semp, Marketing Director

Wow! Where did this year go? The Harbor Beach tour season flew by just like the entire year… very quickly. We met amazing visitors, sold gifts and thoroughly enjoyed the Saturday mornings at the marina. The gift shop is a great gathering place both before and after tours and a variety of items were sold. Our sales numbers surpassed last year, while trying to reduce inventory of the items with the “old design.” Going forward we will begin using new artwork that includes the new Fog Signal Building. Our hot new item for this year were Lighthouse Earrings in both post and wire styles. There are some more great ideas in the works… and the search is on for new items for 2018.

It was a season of much progress! We look forward to welcoming back our faithful crew next summer, meeting new volunteers and searching out some new and exciting merchandise to help spread the word about the excellent tour experience at the Harbor Beach Lighthouse. Our volunteers are such a dedicated group and did an excellent job this season. I want to thank each and every one that helped create such a successful 2017 tour season. Whether you want to sell tickets, gifts or chat with the guests before and after their tour we hope you will want to participate in 2018 and beyond. And yes, there will be cookies! Thanks everyone!
Another successful season has gone by for the Harbor Beach Lighthouse. Five hundred guests came to see and hear about the jewel of Lake Huron. The lighthouse opened in 1885 and although it had remained unmanned for many years, it has been restored to its former greatness by the Harbor Beach Lighthouse Preservation Society. As guests came to the breakwall, they looked in awe at the beauty of this structure. There on the breakwall were given the history of the construction of the Harbor and the lighthouse. On the first level, guests were taken back in time to the early 1900’s as the docent explained how the lighthouse keepers lived. Onward and upward to the sleeping quarters, another docent showed the pulleys that turned the original lamp. The workroom docent, showed some of the tools they used. Then to the breathtaking views of the gallery, as the docent shared his knowledge of local stories and shipwrecks. Guests left with a new appreciation of the history of the lighthouse. It is the enthusiasm and knowledge of the docents that bring this to life for them.

Finally, thank you to our 2017 docents! The best part of tours are our amazing docents and how knowledgeable they are about the lighthouse. When guests return from their tour they are amazed at how much they have learned about the lighthouse, breakwall, and harbor.

For additional information about the 2018 Lighthouse Season, please visit harborbeachlighthouse.org. Also if you would like to be a 2018 docent, email me at sweetannette6829@yahoo.com.

We opened the lighthouse for the season on April 21, 2017. Boats were serviced and launched the first week of May, in preparation for hauling all of the material out to the lighthouse for the reconstruction of the fog signal building.

Most of the crew was occupied with the construction project this season but we did manage to complete a few maintenance projects this year. A new LED light was installed in the lighthouse basement. It is operated by a timer to avoid the issue of the light being left on and draining the batteries. We purchased an electric power washer for cleanup of the droppings left by the birds. Our pontoon boat developed a leak due to fatigue of a joint in the aluminum. Fortunately it was quickly repaired by a local shop.

Last winter, we had an issue with the camera system and the beacon shutting down due to lack of solar power and the continuous draw of the security camera system. The long term solution is to add more solar panels and double the battery capacity. We ran out of time to get the new panels installed but we did purchase three new batteries to increase our electrical storage capacity for the beacon. In addition as a temporary improvement we reallocated our existing solar panels to put 3 panels on the beacon and security system and only one on the floodlighting system. This will improve the reliability of our critical beacon and camera systems.

The floating dock was removed and towed back to shore on October 1, 2017. The final trip to close up the Lighthouse for the season and make plans for next year was on October 16, 2017.
The summer of 2017 saw the Lighthouse Preservation Society accomplish a goal that it has thought about for many years. A replica of the original Fog Building. It is up and nearly complete minus a few exterior details and interior finishing. With a large group of local experienced professional help as well as our regular volunteer crew we were able to frame and erect the entire building in one weekend. This involved 13 volunteers on the 3rd of June and 12 volunteers on the 4th of June. Once the building was framed and erected our regular “maintenance Wednesday” crew was able to complete the roofing and siding as well as install and paint the windows and doors.

As a prelude to all of the actual construction work, all of the building materials, scaffold and tools as well as a porta john had to be hauled by boat out to the site. We literally man handled all of the lumber piece by piece on to our pontoon boat and on to our 16ft. work boat and motored out to the lighthouse making a total of 11 trips. As the material was transported out to the breakwall the material was re-stacked and made ready for use. Once again, several trips were made back to shore with our pontoon loaded with scraps of lumber, roofing and siding. I could go on and on about this project knowing that it was going to be a logistical, never ending problem solving challenge but in the end things went very well. I am thankful that the weather off shore cooperated, that we had no injuries, and that all those involved were able to walk away with a great sense of accomplishment.

Thank you to all those who hauled framing tools, lumber, siding, scaffold, generators, pneumatic nail guns, donuts, saws, cases of water, roofing, bones of nails, screw guns, air compressors, doors, food, windows, extension cords, air hoses, 6 saw horses, scaffold planks, ladders, table saw, steel siding saw, nibblers and on and on and on!

Next summer we will finish off the interior of the building which includes a new wood floor and install replica smoke stacks to the roof of the building.
The past few years have been remarkable. The Society and its volunteers have taken the Harbor Beach Lighthouse to a whole new level. We now have a “campus” that contains two buildings, the lighthouse tower and the fog signal building. This will allow us to move some of the materials we have on display into the new building and expand on that collection to tell the story of the maritime heritage of Harbor Beach, and allow the tower to present the keeper living quarters and work spaces supporting the light in the form of our new 4th Order Fresnel lens. This expansion of displays will keep interest in the tours high, and we are planning “changing exhibit spaces” in both buildings to feature new displays year to year.

I had the pleasure of being interviewed with our Head Docent Annette Sweet by WLEW in Bad Axe last spring about the upcoming tour season. One of the questions I was asked is what gives us the most satisfaction from the project? While there are the usual answers about the lighthouse looking a lot better, the new lens, etc, the answer actually is something very different. We are proudest of how the lighthouse has become a unifying symbol of the community, with people from all walks of life participating in the restoration and maintenance, the tour program, the marketing, the exhibit design and all sorts of smaller projects that together make up a very busy operation year-round.

A great example of this was the group of builders, some of whom were students of Restoration Director Ron Kociba when he taught building trades at the Huron Area Technical Center. They came together on a cool, sunny day in May and “raised” the fog signal building walls and roof in one weekend, an amazing feat! He told me several of them were very proud to be able to donate their time to such an interesting and historic project. We now have summer and year-round residents, teachers, builders, community members of all types and interests who have joined the group to restore the symbol of Harbor Beach. Thanks to all of them and you, our supporters. Our success is really about all of us coming together!

By Buzz Hoerr, Board Chair

The Fog Signal Building Rises Again Donation Form

Thanks to hundreds of donors as you can see we’ve been able to raise enough funding to rebuild the fog signal building and hosted 500 tour guests this summer who were able to watch it come together! We can now turn our attention to finishing the interior and program the space with Harbor Beach and Great Lakes maritime heritage exhibits to enhance the tour experience. There will even be a composting toilet in an enclosed bathroom right where it was when the building was active. (Without the straight pipe into the water below of course!)

We invite you to participate with us in any amount you are able to donate. If your gift is $50 or more please provide your name or someone you would like to honor and that will appear on a donor list that will be installed in the building.

A donation form and receipt are found below. The Society is a 501c3 and thus your gift is tax deductible to the extent allowed by law.

Please fill out and return with your check or fill out and make your donation online at: harborbeachlighthouse.org/fg

Harbor Beach Lighthouse Preservation Society, Inc. is a registered Michigan 501c3 corporation.

Please enclose your check made payable to HBLPS, Inc.

Mail to: HBLPS, c/o The Harbor Beach Agency, 128 State Street, Harbor Beach MI 48441

We invite you to participate with us in any amount you are able to donate. If your gift is $50 or more please provide your name or someone you would like to honor and that will appear on a donor list that will be installed in the building.

A donation form and receipt are found below. The Society is a 501c3 and thus your gift is tax deductible to the extent allowed by law.

Please fill out and return with your check or fill out and make your donation online at: harborbeachlighthouse.org/fg

Harbor Beach Lighthouse Preservation Society, Inc. is a registered Michigan 501c3 corporation.

Please enclose your check made payable to HBLPS, Inc.

Mail to: HBLPS, c/o The Harbor Beach Agency, 128 State Street, Harbor Beach MI 48441
2017 Letter From the President

A Very Productive Year

The Harbor Beach Lighthouse Preservation Society continued to make great strides in 2017. We saw an increase in guests visiting the lighthouse. In 2014 we hosted 292 guests, 2015 saw 611 guests with the birthday celebration, in 2016 there were 460 people, and in 2017 we hosted 499 guests. This year the most visible change is the construction of the fog signal building next to the lighthouse tower. The construction spurred a lot of interest and many questions as well. Below are some of the questions that were asked.

Why are you building a new structure?
Actually we are re-building the structure that stood there for over 80 years before it was removed by the Coast Guard in the 1960’s. The original building was constructed in 1885 when the lighthouse tower was built.

What was building used for?
The fog signal building contained the mechanical equipment to sound a signal during periods of low visibility. Originally there were two fire boxes which were fueled by coal. They would heat water in boilers creating steam to power a steam whistle mounted on the roof. Later the system was changed to a gasoline engine attached to a compressor that filled air storage tanks to produce the signal.

Are you allowed to build something at a site that is registered as a State Historic building?
Yes. The Society went through an approval process that included the State of Michigan, the National Parks Service and the City of Harbor Beach.

How do you know what it looked like?
The Lighthouse Society has a collection of lighthouse photographs showing the building and a Society member originally from Harbor Beach, Tony Lang, obtained blueprints of the building from the National Archives in Washington D.C.

Is it built like the original fog signal building?
Yes. Since it is built on the site of a historic landmark, state and national restoration and preservation agencies require that it be built as faithfully as possible to the original structure. The Society had lumber cut at a mill to the same size used in 1885 and the building was constructed using methods of the period. Some modern methods and materials were used in the interest of safety and durability of the structure, but will not be visible when completed.

Will the fog horn be replaced?
No. However, the Society is researching the installation of a new fog horn system.

Inside This Issue

Page 1: Letter From President - Skip Kadar, President
Page 2: Taking Public Access to the Next Level - Buzz Hoerr, Board Chairman
Page 3: Preservation/Restoration Report - Ron Klebba, Preservation/Restoration Director
Page 4: Tour Program Update - Annette Sweet, Tour Director
Page 4: Maintenance/Projects Report - Ron Kociba, Maintenance/Project Director
Page 5: Tour Season & Gift Shop News - Pam Semp, Marketing Director
Page 7: The Fog Signal Building Rises Again