

Tom Wrubel

From: David Bernheisel <dhbernheisel@gmail.com>
Sent: Sunday, January 29, 2017 4:35 PM
To: Overfalls Board
Subject: Fwd: Your Longwood Foundation Application Submission

Hi All,

This e-mail conveys the Foundation's application to the Longwood Foundation seeking a \$60,200 grant to fund two cathodic protection systems, one to protect the ship and the other to protect the bulkhead. The format may seem a bit strange but that is dictated by Longwood. I have stayed completely within their format and well below their maximum word limit.

I urge each of you to read the application. In reading, you may want to skip the first three attachments as they are our documents with which you are already familiar (audit report, etc.) The other attachments are critical to building our case and they support the Project Description in the main body.

Keep your fingers crossed for a successful determination which should come in May.

Dave

----- Forwarded message -----

From: **Longwood Foundation** <mail@grantapplication.com>
Date: Sun, Jan 29, 2017 at 4:13 PM
Subject: Your Longwood Foundation Application Submission
To: DHBernheisel@gmail.com

Thank you for your submission. Your Longwood Foundation application has been submitted successfully. For your records, here is a copy of the content of your application.

Organization Information

DO NOT USE THE BACK BUTTON ON YOUR BROWSER. TO GO BACK TO PREVIOUS PAGE, USE THE SECTION HEADERS ABOVE.

In the fields below, enter information about your organization

Organization Name

Overfalls Foundation

Tax ID

510404500

Also Known As

Overfalls Maritime Museum Foundation

Address

P.O. Box 413

City

Lewes

State

DE

Postal Code

19958

Phone

Include area code

[\(302\) 644-8050](tel:(302)644-8050)

Website Address

www.Overfalls.org

General Organization E-mail Address

DHBernheisel@Gmail.com

Annual Budget

\$69,900

Background

Provide a background of your organization. Include information such as Date founded, services you provide, demographics you serve, program details, and your Mission statement (500 Words Max)

The group started in 1999 and incorporated as a nonprofit foundation in 2001. The Foundation's first objective was to save and preserve the Lightship Overfalls, at the time a rusting hulk in a muddy hole. Simultaneously with an immediate thrust to improve the ship, the Foundation initiated an aggressive outreach program telling the story of the ship and the crews who served aboard to audiences of all ages. The outreach program both brought visitors to the ship and took the story to school and civic groups at their locations. As the appearance of the ship improved, financial support for the effort from both private and public organizations kept pace. By 2010, the ship's basic restoration was completed and the grounds were improved to blend seamlessly with the new Lewes Canalfront Park. The next year, the ship was designated a National Historic Landmark. Also in this period, the Foundation established the Delaware Maritime Hall of Fame to recognize those individuals who have made significant contributions to the State's maritime heritage. In 2014, the Foundation dedicated the American Lightship Museum in a restored pilothouse saved from a historic Lewes vessel. The museum houses the Foundation's growing collection of lightship artifacts which reinforce the story told with the ship and expands that story to all U.S. lightships. In 2015, came the dedication of the Monomoy Lifeboat which Foundation volunteers had restored from derelict to new and seaworthy condition. The boat will expand the Foundation's reach as it will be used for teaching seamanship and

water safety, with emphasis on local youth. The entire program since the beginning has been done with volunteer labor as the Foundation has no paid employees.

The population served has grown steadily over the years from mostly local folks to those from a wider geographic area. In many cases, the Lightship has served as a destination for groups from afar, some even making it an annual event. As the numbers have grown, the proportion of those that are children has grown too, a phenomenon which the Foundation is working to increase even more.

All of the Foundation's major program elements, the Lightship, the American Lightship Museum, the Monomoy Lifeboat and the Delaware Maritime Hall of Fame clearly fit within the mission statement which is: "Using the Lightship Overfalls as its centerpiece, the Overfalls Foundation will collect, preserve, honor and teach the maritime history of the Delaware Bay and coastal region."

Geographic Areas Served

Historically it has been mainly Delaware and the coastal region. But, lately the reputation has been spreading attracting visitors from across the nation and even foreign countries.

Your Organization's Funding Sources

The major funding sources are:

- Membership dues
- Donations
- Fund raising events
- Ship admission charges
- Ship Store sales

Fiscal Year Start

01/01/2017

Fiscal Year End

12/31/2017

Most Recent Tax Year Total Revenue

\$113,098

Most Recent Tax Year Total Expenses

\$72,164

Most Recent Tax Year Total Liabilities

0

Most Recent Tax Year Total Assets

\$1,877,589

In the fields below, enter your organization's primary contact information:

Prefix

Ms

First Name

Tracy

Last Name

Mulveny

Office Address

P.O. Box 413

Office City

Lewes

Office State

DE

Office Postal Code

19958

Title

Administrative Director

E-mail

TMulveny@Comcast.net

Office Phone

[\(302\) 379-0072](tel:3023790072)

Extension

If the person preparing this request is someone different from the contact above, please fill out the fields below.

Prefix

<None>

First Name

David

Last Name

Bernheisel

Title

Foundation Member

E-mail

DHBernheisel@Gmail.com

Office Phone

[\(302\) 645-7377](tel:3026457377)

Extension

Request Information

In the fields below, enter information about this project/program

Project Description

A short narrative of your project/program (500 Words or Less)

The Foundation seeks funding to acquire and install an "Impressed Current Cathodic Protection (ICCP) system to protect the Lightship Overfalls and its steel bulkheaded slip from galvanic corrosion. Such a system will protect the ship and bulkhead from the corrosion which will eventually destroy them. The bulkhead was installed in 2010 at cost of \$550,000 with an expected life of 50 years. The lightship is the irreplaceable centerpiece of the Lewes Canalfront Park and Delaware's only ship or maritime structure designated a National Historic Landmark; if it were to be lost, it would be forever. Both of these assets are currently corroding at an unacceptably rapid pace.

When the ship was in the shipyard in 2008, a series of 40 replaceable zinc anodes were installed below the waterline to inhibit galvanic corrosion. These work in a sacrificial manner where the zinc will corrode instead of the steel hull plates near it until the zinc is completely corroded away. The zincs are somewhat effective but don't serve the ship well for two major reasons: (1) Given the ship's infrequent shipyard trips (every eight to ten years), the zincs are not replaced as often as they should, and (2) zincs are not nearly as effective at inhibiting galvanic corrosion as an ICCP system because they do not cover the complete hull. Currently the bulkhead has no protection against such corrosion.

The Foundation recently employed professional divers to come to the ship and replace as many of the ship's zincs as they could access. The effort was not considered successful as they could only gain access to eight leaving the ship largely unprotected. The Foundation then queried its peer organizations with similar problems finding that an ICCP system is by far the best protection available for our type of environment. Essentially the consensus was that, without such a system to protect a steel ship that is basically immobile, the ship will eventually be lost. The Attachments have much more information about ICCP systems and our peer organization's experiences with such systems.

The Foundation then solicited proposals from manufacturers of ICCP systems all were priced around \$60,000. The best proposal was from Anode Solutions for three major reasons: (1) the proposal covered equipment and installation as opposed to equipment only with responsibility for installation falling to a local third party which the Foundation

would have to employ separately, (2) Anode Solutions would commit to a continuing relationship of performing the system's needed annual maintenance, and (3) Anode Solutions is the preferred provider among our peer organizations responsible for preservation of historic steel ships.

Anode Solution's proposed price for two systems, one to protect the ship and other to protect the steel bulkhead is \$60,200. The Foundation seeks funding to cover this cost. Anode Solutions would also provide the ongoing annual maintenance for between \$1500 and \$2000 per year. The maintenance cost is an item that the Foundation would cover in its annual operating budget.

Request Amount

\$60,200

Total Project Budget

The total amount of funding you are seeking for this project/program from all sources

\$60,200

Other Sources of Funding for this Project

List all other sources of funding/requests for funds

All alternatives that the Foundation explored seeking funding for the project were unsuccessful. The most notable alternatives were:

- Historic Naval Ships Association -- Attempts both within the Association's administration and the fleet members were unsuccessful in acquiring either direct funding or direction to viable sources of funding.
- DelDOT TAP Funds -- With assistance from City of Lewes officials, we were unsuccessful in obtaining Transportation Alternatives Program (previously Transportation Enhancement) funds.
- Lighthouse Preservation Society -- We had a long conversation which resulted in some leads on funding but none panned out.

Project/Proposal Classifications: Select the description that best matches

Age Group

General Public

Population Served

Other

Geographical Area Served

Delaware

If your organization's primary contact is the same as the person completing this grant request, click the button below

No

In the fields below, enter the primary contact information for this request:

Prefix

Mr.

First Name

David

Last Name

Bernheisel

Title

Foundation Memeber

E-mail

dhbernheisel@gmail.com

Office Phone

[\(302\) 645-7377](tel:(302)645-7377)

Extension

Office Address

If different than organization address

P.O. Box 413

Office City

If different than organization address

Lewes

Office State

If different than organization address

DE

Office Postal Code

If different than organization address

19958

Attachments

Title	File Name
Audit or Annual Report	Review 2015 Book Assoc.pdf
IRS Determination Letter	O-F IRS Determination Ltr-Permanent.pdf
Board of Directors and Advisory Committees	Board Member & Officers.pdf
Outcomes	Outcomes.doc
Project Details	Additional Project Details.DOC
Miscellaneous	Preservation of Iron Ships in the Marine Environment.pdf
Miscellaneous	Testimonial from USSTexas.doc
Miscellaneous	USS Mighty Mo Testimonial.docx
Miscellaneous	Cathodic Protection statements for Overfalls.docx
Miscellaneous	Anode Solutions Prop.pdf

Files attached to this form may be deleted 120 days after submission.

--

David Bernheisel
Overfalls Foundation
66 Sussex Drive
Lewes, DE 9958
(302) 645-7377