

**MENOMINEE RANGE HISTORICAL FOUNDATION MUSEUM
CORNISH PUMPING ENGINE & MINING MUSEUM
WWII GLIDER & MILITARY MUSEUM
WINTER NEWSLETTER
DECEMBER 2017**

Dear Museum Friends,

The Menominee Range Historical Foundation Board of Governors wishes you and your family a blessed holiday season and a healthy and peaceful New Year. Continuing support and donations from our faithful membership, year after year, has made for the successful operation of our three facilities, enabling us to meet many of our dreams and goals.

ACCOMPLISHMENTS IN 2017 AND PLANS FOR 2018

The Foundation Board is extremely thankful for all contributions received, including several major donations, which have made it possible to achieve many of our 2017 goals.



On Sunday, August 6, the Foundation hosted an open house from noon to 4 p.m. which was well-attended. As a special feature, ten uniformed members of the World War II Historical Reenactment

Society from Green Bay, Wisconsin, representing C Company, 401st Glider Infantry Regiment, 101st Airborne Division, pitched their tents near the World War II Glider & Military Museum on Saturday and

displayed their equipment for visitors during Sunday's Open House. They will return for the 2018 open house in August.

At the Menominee Range Historical Museum: This summer a special exhibit featured items from the estate of David and Henrietta Cavaiani, including Henrietta's 1952 wedding dress and David's military uniform.

At the Cornish Pumping Engine & Mining Museum: In April L.E.D. lighting was installed in the sixteen cases in the Pump Room, properly illuminating those displays and facilitating reading of the information and descriptions. The Baker Sign Company fabricated and installed signs identifying the various mines above each of these cases at no charge.



Over the winter and spring Clyde Unger fabricated a working scale model (1" = 24")

of the Cornish Pumping Engine and the pumping system in "C" Ludington Shaft of the Chapin Mine. Clyde also wrote a description of how the pumping engine and the pumps in the shaft worked. A 4' x 8' Baker sign was erected near the model providing photographs and history about the installation and working of the Cornish Pump at its current location.

In July the glass panels and doors at the entrance of the gift shop were covered by Solar Optic Window Coverings to help keep the gift shop cooler and reduce fading to the new carpeting installed last year. This covering reflects and from the outside the interior of the gift shop cannot be seen, but everything outside is visible inside.

In July the six flagpoles in front of the gift shop were removed by Treasurer Guy Forstrom at the Board's request and a new flagpole for the U.S. flag was installed, as well as a "feather" pole which flutters with a large red, white and blue "open" sign.

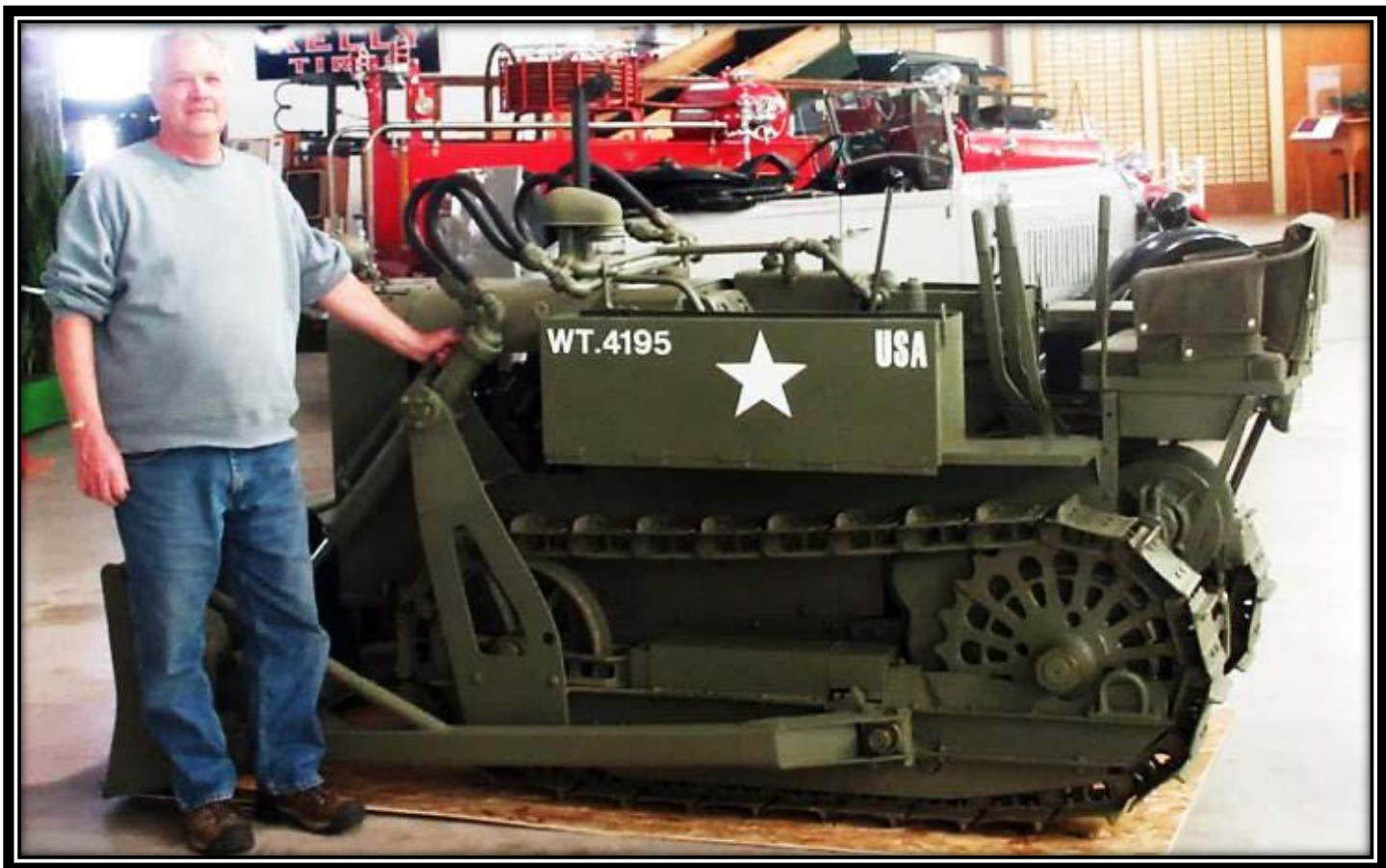
At the WWII Glider & Military Museum: The centennial celebration of the United States' involvement in "the Great War" was recognized with the erection of a permanent 12' x 7' display fabricated by the Baker Sign Company and funded by a grant from the Dickinson Area Community Foundation which was received January 22.

The display was erected in late May prior to opening the museum. Track lighting was installed late this fall to better light this feature.

Two Baker signs were added to the 1939 Ford V-8 DeLuxe "Woodie" Station Wagon display – one depicting the "Woodie" assembly line of the Iron Mountain Ford Motor Company Plant in Kingsford and providing information about this model and another showing an enlarged copy of the 1939 brochure advertising this vehicle.



New Exhibits: World War I Display and World War II Clark CA-1 Airborne Bulldozer



Treasurer Guy Forstrom made arrangements with Ken Ambrosius, of Green Bay, Wisconsin, to display his restored World War II Clark CA-1 Airborne Bulldozer during the summer. These bulldozers were designed specifically to be carried by military aircraft. The bulldozer could be loaded into the nose of a CG-4A Glider and flown into a forward area where it would have been used to construct an airfield for landing propeller-driven aircraft. Many were used in Burma.

Only about 1,500 airborne dozers were built during World War II. Fully operational, Ambrosius' bulldozer, built by the Clark Equipment Company, Battle Creek, Michigan, in 1944, has a 20 HP four-cylinder engine and weighs about 4,195 pounds.

When Forstrom spoke with Ambrosius about acquiring the bulldozer, the owner offered it to the Foundation for what he had invested – \$7,000. Desiring to take advantage of this unique opportunity, the Board made the purchase in September. Unrestored bulldozers, when found, sell for \$5,000 to \$6,000. The owner estimated the value of this restored model at \$10,000.

A grant obtained through the Dickinson Area Community Foundation will enable the Foundation to install eight new L.E.D. ceiling lighting fixtures over the winter, reducing amperage from 4 amps x 8 (32 amps) to .6 amps x 8 (4.8 amps), affording a significant savings in power costs.

In June, Gendron Construction made a gravel parking area across from the dry building to serve both the dry and the Glider/Military Museum. An additional wide pathway with a drainage pipe was added from the parking area to the sidewalk leading from the Mining Museum to the Glider Museum in September/October.

At the Chapin Mine C Ludington Shaft Dry: In last year's winter newsletter the safety and preservation of the archives housed in the 114-year-old former Carnegie Public Library was noted to be a continued major concern of the Board.

The risk posed by antiquated wiring in a building constructed of highly combustible material could have resulted in the tragic loss of the area's most highly prized historical items entrusted to the museum by donations over the decades.

The former archive repository, located upstairs in the Carnegie Public Library building, was "bursting at the seams." Access to staff or researchers was difficult due to a steep, narrow stairway. Size also limited available space for an organized office area and research for staff and historians. Adequate temperature and humidity controls were unable to be maintained there for sensitive original photographs, bound newspaper volumes, documents, genealogical and other research materials.

President Joe Warren, Trustee Jim Hartwell and Trustee Dave Pelto developed a plan for the west end of the dry building which included the already-constructed restrooms, a manager's office area where the kitchen was located and a 28' x 22' temperature and humidity controlled 2-hour fire rated archive storage room in the southwest corner.

Through the extreme generosity of Pat Negro, Joe Negro and a couple formerly residing in the area who choose to remain anonymous, the Foundation received funding for this important project. Their monetary gifts have assured the proper storage and protection of the archival materials which document the history of our area for future generations.



The Iron Mountain News (1921-1980)

Trustee Hartwell, the master electrician at Dickinson Homes, Inc., for 36 years, laid out the proposed storage room and office space after carefully noting the space taken by the current collection with the help of Manager Dianne Castelaz-Chiapusio. He outlined the electrical components needed, as well as the heating and air conditioning system.

During the spring and summer, the Foundation constructed a new barrier-free area to house archives and a year-round office space in the dry building.

Dickinson Homes, Inc., was contracted to design and fabricate the archives room and make sure the project met all A.D.A. requirements. Trustee Hartwell willingly served as general contractor for the project due to his considerable construction expertise at no charge.

D & L won the heat and air conditioning contract while Midway Electric obtained the permits and did the wiring. As a cost-saving measure, Hartwell obtained the materials for the electrical work. All lights are L.E.D.

By June the archival room was ready to be painted. Natural gas was brought into the facility. A new, energy-efficient 20-gallon

water heater was installed. The manager's office was carpeted. Telephone and Internet services were installed in early October.

Hartwell also researched and obtained the industrial-strength shelving required for the archives from Home Depot, taking advantage of sales, laid out the shelving and assembled it.



Filing Cabinets in Manager's Office

Moving archival materials began in September and was largely accomplished by Hartwell and his wife Barb, Manager Castelaz, Bill Cummings, his wife Jan and brother Glen. The Sheriff's Work Van brought two hard-working members to help move *The Iron Mountain News* (1921-1980 at four volumes per year), and they also erected scaffolding in the glider museum for the installation of the L.E.D. lighting.

Ten filing cabinets and their contents were moved, as well as a 24-drawer large storage unit. Bound volumes of Norway's *The Current* (1885-1954), the *Iron Mountain Press* (1896-1905, 1918 and 1920) and the 1920 *Daily Range-Tribune* also were moved. The alphabetically arranged 144-drawer genealogical card catalog containing over 200,000 cards is in place, as well as 251 3-ring binders of genealogical data, all

compiled by Hazel Dault and donated to the archives many years ago.

The archives collection also contains many valuable reference books, including mining books and reports, a military collection and a collection of Iron Mountain and Kingsford high school yearbooks.

The huge collection of photographs stored in protective sheets is also safely shelved in acid-free boxes.

Reorganization of the archival materials in the new archive room will continue throughout the winter and spring.

concealed by a wall. This storage was planned and the joists in the archive storage room will support 50 pounds per square foot, ten pounds greater than in a normal house.



Photographs Stored in Acid-Free Boxes



Photograph Storage and more at left and Iron Mountain and Kingsford yearbooks and a collection of military books at right



Norway's *The Current* (1885-1954), the *Iron Mountain Press* (1896-1905, 1918 and 1920), The Iron Mountain's *The Daily Range-Tribune* (1920) appear on the right and a small portion of mining books appear on the left

In the spring a floor will be constructed over the archive storage room to allow for additional storage. A stairway will be constructed on the south wall near the overhead garage door which will be

Long Range Plan Essential to Maintain Museums: The Foundation Board continues working at developing a comprehensive long range plan to assure the growth of the museums for this and future generations.

Anticipating an eventual move of the downtown museum to the dry building, the next logical step would be to establish a heated workshop area 33 feet wide by 16 feet deep along the south wall. The large existing garage door would open into this area, and another, smaller garage door would be located on the opposite side of the workshop to allow large items to be moved into the remaining area in the building.

The workshop would be large enough to house power tools and other equipment now stored in the dry and to provide an insulated, heated space in which to work on projects.

Included in this area would be space for two furnaces, one to heat each side of the building. Cupboards salvaged from the former dry kitchen will be utilized for storage.

Before the workshop construction begins, long range plans for the development of the museum will be laid out over the winter. Board members have lists of existing displays from the museum downtown.

With no barriers or stairways the dry building would allow elderly people or people with disabilities to easily and safely view the exhibits.

The estimated cost of the workshop project is \$30,000 which hopefully will be met at least in part by donations in the coming months.

“Menominee Range Memories” Columns Promote Area History and Raise Awareness of Our Heritage: Foundation Historian Cummings began writing a series of articles called

“Menominee Range Memories” in December, 2015 to share historical information over a wide variety of topics to help preserve our heritage and allow all of us to learn more about those who explored, developed, lived, worked and worshipped here before us. *The Daily News* graciously agreed to publish a synopsis of each article along with an historic photograph helping to tell the story.

The expanded story – “the rest of the story” – with additional photographs and other illustrations for all columns is available on the Dickinson County Library’s website (www.dcl-lib.org) under the Local History and Genealogy tab where it can be read and/or printed by the reader if a hard copy is desired.

Also available on the Local History and Genealogy tab are 16 Power Point presentations showing various aspects of local history through photographs and information. Another section contains a large collection of captioned historic photographs.

All of these files are available at no cost and help provide insight into the rich heritage of the Menominee Iron Range which the Menominee Range Historical Foundation promotes.

Members of the Menominee Range Historical Foundation Board of Directors: Joe Warren, president; Bill Cummings, vice-president and historian; Kathie Fayas, secretary; Guy Forstrom, treasurer; Pam Edens, Jim Hartwell, Bob Johnson, Dave Pelto, Jan Reynolds and Roger Scott, trustees.

Museum Manager Dianne Castelaz-Chiapusio: Beginning her twenty-fifth year, Dianne continues to serve as museum manager, covering a wide range of responsibilities. She schedules our

employees and volunteers, and also serves as bookkeeper, merchandise purchaser, acquisitions contact, tour organizer, custodian, painter...and “all other duties as assigned.”

Volunteers Keep the Museums Open:

Volunteers are crucial to our museums, for without them the Board could not afford to staff the three sites and operate for the number of hours open during the season. Members from the Iron Mountain-Kingsford Women’s Club staff the Historical Museum from 11 a.m. to 3 p.m. several weekdays. Other individuals staff the WWII Glider & Military Museum, working from 9 a.m. to 1 p.m. and from 1 p.m. to 5 p.m. weekdays. The admissions desk and gift shop at the Cornish Pumping Engine & Mining Museum are staffed by one full-time employee and one part-time employee and one volunteer weekly, who works Monday mornings from 10 a.m. to 1 p.m., allowing the manager to perform other duties.

Volunteers are always needed, including individuals willing to occasionally substitute. Please consider contributing time to assist the museums’ operations in this manner.

Friends of the Museum Raise Funds for Numerous Projects:

The Friends of the Museum group continues to offer financial support to all three museums. Many fund-raisers are held each year, including rummage sales, a raffle and two antique/craft shows.

Members are Janet Reynolds, president/treasurer; Greta Betti, vice-

president; Julie Eutizzi, secretary; Julie Badini, Susan Cobb, Dee Ebertsch, Kathie Fayas, Bonnie Hyde, Darlene Orlor and Jackie Rosen.

Funding Needs:

The Board of Governors again needs your help in realizing its 2018 museum goals. As our membership list grows shorter with each passing year, your continued support is most appreciated. Please help us to encourage others to become members and support our museums. A membership form is included for your consideration and is also available on our website, noted at the bottom of this page.

The Foundation appreciates each and every contribution received, but it is impossible to list all donors’ names.

Annual donations come from individuals, businesses, anonymous benefactors, the Iron Mountain-Kingsford Women’s Club, TADCA, the First National Bank & Trust and WE Matching Funds. A number of grants have also been received from the Dickinson Area Community Foundation.

The Menominee Range Historical Foundation is funded only through admission fees, gift shop sales, memberships, donations, bequests and occasionally grants. No tax dollars from city, county, state or national sources are received.

Donations of any size for any of the museums are always very much appreciated. Make your check out to “Museums,” P.O. Box 237, Iron Mountain, MI 49801. Please call Secretary Kathie Fayas at (906) 774-2827 with any questions.

MENOMINEE RANGE HISTORICAL FOUNDATION BOARD OF GOVERNORS

VISIT US AT: <http://menomineerangehistoricalfoundation.org>

MENOMINEE RANGE HISTORICAL FOUNDATION

MEMBERSHIP FORM

The Menominee Range Historical Foundation and its three museums – Menominee Range Historical Museum, Cornish Pumping Engine & Mining Museum, World War II Glider & Military Museum – is a 501(c)3 organization dependent upon donations, grants, membership dues and earned income to provide its annual operating costs. Individuals and groups help support the Foundation as follows:

- **Annual Membership for All Three Museums** (\$20 **single/couple** or \$25 for **family**, including children living at home to age 18): Members just need to give name at the front desk of the museum for admission.
- **Life Membership** (\$100): Dues provide admission for life and a 1” x 3” brass plaque of up to three short lines of copy installed at the **Cornish Pumping Engine & Mining Museum**. The plaque may include the name and city and state of the life member.
- **Memorial** (\$50): \$50 is required for the initial plaque set-up. Additional names may be added as other memorial donations are received. The plaque may include “In Memory of _____, City and State, by (donor’s name).” The plaques are installed at the **Cornish Pumping Engine & Mining Museum**.
- **Glider/Military Museum Memorial Plaque** (\$50): Plaque installed at the **World War II Glider & Military Museum** with text up to 7 short lines, and installed in the **General Section** (may include name of person honored, reason honored, name of donor) or **Special Military Section** (may include name, war, rank, where served, medals, etc.) Call (906) 774-2827 for additional information.
- **Founders’ Club** (\$1,000): Dues paid for life, bronze 2” x 8” plaque installed at the **Menominee Range Historical Museum**. Only interest from these donations may be used to perpetuate the museums. Plaque inscription may hold up to five short lines of information (may include name, city and state, and additional information).
- **Heritage Club** (\$1,000): Dues paid for life, bronze 2” x 8” plaque installed at the **Cornish Pumping Engine & Mining Museum Gift Shop**. These funds may be used in total for maintenance of the museums. Plaque inscription may hold up to five short lines of information (may include name, city and state, and additional information).
- **General Donation For General Maintenance of Historical/Cornish Pump Museums** (Amount donated: \$_____)
- **General Donation For General Maintenance of World War II Glider & Military Museum** (Amount donated: \$_____)

Please circle the appropriate item and send a check payable to the Menominee Range Historical Foundation, P.O. Box 237, Iron Mountain, MI 49801. For additional information or assistance call (906) 774-4276 or (906) 774-2827. Thank you for your support to preserve our heritage.

Name _____

Address _____

City _____ State _____ Zip Code _____

Phone _____ E-mail _____

____ Would like to donate items for Friends of the Museum rummage sales – call (906) 774-5212

____ Would be willing to bake for Friends of the Museum sales or help at sales – call (906) 774-5212

____ Will save Super One/Econo Foods grocery slips – leave at either museum or call 774-4276

____ Would like to volunteer at museums – call 774-4276

____ Would like to donate to the Perpetuation Fund in my trust or will – call Kathie Fayas at 774-2827

Menominee Range Historical Foundation
P.O. Box 237
Iron Mountain, MI 49801



Iron Mountain's John Tyler Jones Family Prepared for a Sleigh Ride in 1908.