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From the River Project Pier 40:

Giant oyster discovered in Hudson River Park! This animal was given to River Project staff last week by the hard-hat divers rebuilding Pier 40 in Hudson River Park. It is 22.5cm and very very heavy - too heavy to weigh on our triple beam balance. (We'll soon weigh her).

The oyster, named Glorious Big, is alive and well, and we will keep her (probably a she, as they are protandrous hermaphrodites) in the river in a cage. John Waldman (professor at Queens College) estimates that Big is 14 years old.

This oyster is by far the largest oyster recorded in the Harbor in modern times, and outsizing the last record-holder, found at Pier 25 by the HRPT interns last year, which was 18.5cm. That one was itself a record, because the largest one we had found before that was 11.8cm, and the largest Jim Lodge knew of, in the Harbor per se, was about 15 cm.

Eleven inch oyster found Hudson River off Pier 40.

The Wonderful Oyster Is Coming Back Strong

by John H. Vargo, Publisher

Imagine what the mouth of the Hudson River looked like with oyster reefs covered with these huge oysters everywhere!

Henry Hudson described the oysters in the old beds as being as big as dinner plates. Jeff wonders what size his dinner plate was. Nina will get an intern right on that.

Tom Lake (DEC naturalist) says the Middle Archaic period c. 5,000 years ago (give or take a millennium) was considered to have been the optimum salinity for oysters in the Lower Hudson, but the biggest one he has from then is only 7 inches (17.78cm). He is further researching but this may be bigger than those were!

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There is no better sign of the tremendous improvement in the quality of the Hudson River than the dramatic return of Oysters!

The Hudson River has reached a point of cleanliness that oysters, once in the river by the millions, are being brought back in a big way.

I have lived in, on and around the Hudson River all my live. One of the first things you recognize while fishing in Haverstraw Bay is the remarkable amount of ancient oyster shells that still exsist on the bottom.

No matter where you anchor from Stony Point to the north and Croton Point five miles away to the south, you will pick up an oyster shell on your anchor or hook. At Croton Poiint Park there is an Oyster "dig" that has found 4000 year old oysters.

Oysters, once established, can, and will filter enormous amounts of water that will help clean the Hudson River even further. (Actually the oyster projects described here are designed to do exactly that, Oyster Reefs create a huge biodivesity of marine life that ehances all Hudson River eco systems!)

Sadly there is a serious threat to the oysters as well as to the economic vitliity of the Hudson River Silt washed into the Hudson River through its main arterial rivers such as the Roundout in Kingston, the Espous in Saughteries

and other rivers. This was dramaticly emphasized when Hurricane Sandy and Irene dumped so much water on the Catskill Mountains it washed fields of pumpkins, watermelons, corn and other rich farmlands into the Hudson River. The River did not settle down for at least 6 months. That is probalby the most serious threat that an oyster reef system of more than 5 acres will have in the Tappan Zee Bridge area where the latest Oyster Reefs are being installed.

Be that as it may the Harbor School on Governors Island has started and is maintaining a very dynamic Billion Oyster Project that has so many benefits to it that it is hard to see how it can fail, especially in New York Harbor.

The quotes below are from Dr. Hare of the Department of Natural Resources at Cornell University -

"If this native oyster population increases to the size of an ecologically meaningful population, it will filter and clarify lots of river water, help cycle nutrients, and provide habitat for hundreds of species (including juveniles of some commercially fished species). Restoration in the Hudson/Raritan Estuary is not about making tasty



6 September - October 2018 Dispon

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oysters grow closer at hand - they will never be for consumption near the harbort - it is about having this biological filter synergize with the slow improvements in water quality generated by the federal Clean Water Act so that all life in the river can proliferate and be more resilient."

Dr Hare went on to say: "Finally, with respect to the Tappan Zee oyster population. Nobody knew the extent of this population before the Thruway authority (AKRF) did their surveys. Most estuaries (like the Chesapeake) have their highest oyster abundance in the middle reaches of the estuary where oceanic salinity has been moderated and oysters can more easily escape the pathogens and predators that live closer to the ocean.

The middle part of the Hudson/Raritan Estuary, in terms of salinity, is at the NYC harbor. In the



Gabion reef structure, (Note these structures are purposely built of uncoated steel so they will rust out, leaving the oyster to grow on their own clinging to the empty oyster shells placed with them.)



7

8/6/18

WONDERFUL NEWS!

Hudson River Oyster Study; 2016 – 2018 Summary of Results Matthew Hare, Katie McFarland and Kaili Gregory Department of Natural Resources, Cornell University

Oysters are not just a thing of the past in the Hudson River Estuary. A substantial remnant population of wild Hudson River oysters has been found near the Tappan Zee (TZ) bridge (Fig. and the Hare Lab has documented abundant new recruits – baby oysters - annually in this northern, low salinity portion of the estuary. This demonstrates reproductive self sufficiency, but the TZ population doesn't seem to be regularly supplying baby oysters to habitats down river. Why not? An important research goal is to understand what constrains natural expansion of the TZ population down river. The Hare Lab is studying factors limiting oyster growth and survivorship all along the estuarine salinity gradient (color indicates average salinity in Fig. 1). When this iconic native eastern oyster has self-sufficient populations throughout the estuary - then we will realize the cleansing benefits of its water filtration and see biodiversity increase from the excellent fish and invert habitat this reef-builder creates.



In many species it has been shown that domestication through selective breeding decreases fitness in natural environments. Is that true for selectively bred aquaculture oyster strains? Because aquaculture oyster strains are sometimes used for restoration, we tested their hardiness against TZ wild-set oysters, side by side in experimental cages at 11 sites (Fig. 1). Aquaculture and wild-set oysters were 2 and 1 months old , respectively, when the comparison started.



Graphs at left show survivorship (top) and growth (bottom) in two regions, river sites (4 sites from IRV to LM) and harbor sites (RED and GOV). Wild TZ oysters had higher survivorship at River sites but lower survivorship at a Harbor site (Red Hook, Brooklyn), compared with the aquaculture strain. Also, note that wild TZ oyster survivorship was several times higher at River sites than in the Harbor. Wild TZ ovsters had faster growth than the aquaculture strain at River sites, on average, whereas their growth

rates were similar at Harbor sites. These results show strong overall performance by the aquaculture strain, with higher fitness of wild TZ oysters only at River sites where TZ parents may be locally adapted. Currently we are comparing reproduction in the 2 year old oysters.

Thanks to all our oyster cage site hosts that make this work possible, to assistance from the Billion Oyster Project, and to the NY Thruway Authority, US Forest Service Urban Field Station, and Atkinson Center for a Sustainable Future for support.

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Hudson/Raritan Estuary there are no known oyster populations that are reproductively self supporting except what has been discovered near the Tappan Zee Bridge. This is based on my data on the annual production of oyster babies (larvae that settle on hard shoreline substrate) showing that the Tappan Zee population regularly reproduces to fill the upper river with oyster larvae, but no other region of the estuary benefits from this annual procreation. Tappan Zee oysters are the remnant population that we need to expand if we want to return biodiversity to the lower estuary. The Thruway Authority effort is focused on making the Tappan Zee population stronger and larger, by adding habitat for oyster babies (larvae) to settle on. It was my genomic data, produced here at Cornell by contract for AKRF, that provided a comparison of Tappan Zee oysters with other populations and helped convince the Oyster Working Group that Tappan Zee restoration should focus on adding habitat, NOT planting hatcheryproduced oysters (because there is an existing population with plenty of reproduction). Much still needs to be done to understand why larvae from Tappan Zee oysters don't naturally move down river with the Hudson current and repopulate the lower estuary. That has been the focus of my research, studying oyster growth, survivorship and reproduction in habitats throughout the estuary (by outplanting and studying experimental oysters at multiple sites to understand where oysters can thrive, where they can't, and why)."

There is another group, the River Project, located on Pier Forty that has been studying the procreation of oysters in New York Harbor as well. Led by Kathy Drew they to have the same objectives as the others.

Actually it was one of their divers that discovered the 11 inch oyster shown in the photo on the first page.

Designing Reef Structures for the Hudson River

Reprinted from the Billion Oyster blog

As we work toward our goal of restoring 1 billion oysters to NY Harbor, designing and redesigning the underwater structures that encourage oyster reef habitat is integral. Billion Oyster Project sent 422 oyster reef structures from our headquarters on Governors Island, where they were designed, welded, and assembled, to a staging area where they



await installation into the Hudson River. Once in the Hudson, these oyster reef structures will combine to create the largest reef system in Billion Oyster Project history—covering more than 5 acres of the river. Let's take a closer look at the gabion reef structures deployed in the project and how they've evolved from conception to today.

The Hudson reefs are part of a joint project managed by the NYS Thruway Authority, to restore wild oyster habitat accidentally displaced in construction of the Governor Mario M. Cuomo (formerly Tappan Zee) Bridge. The reef is also expected to create healthy marine habitat for years to come. Billion Oyster Project was selected by the NYS Thruway Authority to construct the gabions. AKRF, Inc., is project and engineering lead, and the Hudson River Foundation and the University of New Hampshire are research partners.

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DESIGNING FOR DEEP WATERS

Different reef projects require different materials. For the Hudson reefs system, it was important to consider the fact that these waters are deep and fast moving. Pictured below, the steel gabion structures provide a strong, currentresistant 3D environment that facilities reefing. Since this project is geared toward wild oysters already in the water, note that shells are empty and will provide homes for wild oyster babies (larvae).

PHASE 1

The original gabion deployed in 2015 was designed by Pete Malinowski, New York Harbor School Ocean Engineering instructor Rick Lee, and Harbor School student Marisol, and constructed by Harbor School Marine Systems Technology instructor Clarke Dennis. While the structure effectively prevented oysters from sinking into the mud (a common cause of mortality in murky waters), we found that it could be improved to serve more oysters per foot.

PHASE 2

During the summer of 2017, the Billion Oyster Project initiated a re-design of the reef gabions, with the goal of providing more space on the structure where larvae could set and grow. Ocean Engineering and Marine Systems Technology students from New York Harbor School collaborated with Billion Oyster Project to consider various configurations of materials and submit a proposal to the Thruway Authority.

The main modifications were:

• A hollow column was added to the middle of the structure, maximizing surface area available to oysters and other animals. This is important for three reasons: (1) Oysters will grow on all available outer surfaces (2) We have seen that baby oysters (larvae) swim only 4–5 inches into shells as they're seeking a shell to attach to (3) One of the profound benefits of reefs is the 3D habitat that they create. More surface area means more habitats for oysters and for other marine species.

• A full-unit steel mesh enclosure replaces eight inner cubes, which were held in place with zip ties that sometimes came loose and shifted. Note that the mesh (galvanized steel) holds the shells in, and outer (raw) steel is for stability and ease of lifting and moving the structures.

• The original design used a PVC-coated wire mesh insert. Within three years time, the oysters had reefed up around this material, growing right through the 1" x 1" openings. In an attempt to reduce the amount of unnatural materials added to NY Harbor, we proposed a switch to uncoated steel mesh, which over several years will break down without adding pollutants to the water. (And in the long run, the oysters will cement together and the mesh will no longer be needed to maintain the structure of the reef.)



Report of Nature Conservancy Billion Oyster Project, (For those folks really wanting to study Billion Oyster Project here is a perfect place to start!)



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¹² September - October 2018

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¹⁴ September - October 2018

Disponible en línea en español.

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Your local on-water assistance experts.

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¹⁶ September - October 2018

Disponible en línea en español.

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When is the Best Time to Buy a Boat?

by James Sorenson

Ask anyone in the retail boat business, "When is the best time to buy a boat?" and they'll answer, "Today." Probe a little further and you'll find there's more to consider, including where you live, whether you're buying new or used, and the time of year and the time of the month.

Conventional wisdom says that boat sellers have monthly quotas, just as car sellers do, and that better prices can be negotiated near the end of the month. But that's not necessarily true in the boat business.

The new model year begins each late summer, and boats for sale in the spring may sell for a lower price as the date approaches for the new 2019 models to arrive at the end of August or September.

Even in a rising market, builders like to prime the pump for the new model year and will often offer dealers shortterm incentive to sell their new 2019 model for the price of a 2018 model. But these models may also be sold out quickly. "As a result August or September for the Lake George Boat dealers is a very strong sales month, since

THE LAKE GEORGE BOAT SHOW SEPTEMBER 15th & 16th

many of them have one or two year old boat rentals for sale!" says Roger Phinney, Director of the Lake George Boat Show.

"Whether you're after a new or used boat", says Phinney, "the time to buy the boat you want in 2018 is whenever you can get your hands on it." The used-boat market is hot right now because the economy is doing well and there is a scarcity of boats for sale!"

Those 6 or 8-year-old boats you might like to buy now simply don't exist in adequate numbers. As Phinney puts it, "If you see that 2012 model you've been looking for, buy it now. If you wait until tomorrow, it may well be sold."

To some extent, every boat-buying decision involves emotions, but Fall on Lake George is different! The weather is cool, the scenery spectacular, and the Lake George boat dealers, offer a great opportunity to take advantage of demo boats in the water for free trials of new and used boats.

On top of all that many hotels, motels and cottages in the Lake George area discount their weekend packages thus you save both ways, while enjoy fall on Lake George, a never to be forgotten wonderful experience!





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A Finger Point Says It All

by William Sterling

This photo really says it all!

For the hundreds, if not thousands of people that visited "THE WALL THAT HEALS" which was on the Newburgh Waterfront August 2, 3, 4 5, 2018 just seeing the crowds of what is left of the five million veterans that were involved in the Vietnam War will shake you to the core.

Fifty eight thousand individuals are listed on this traveling wall, a replica of the Washington, DC memorial that brings it all to local villages and cities.

It is estimated that over 200 enlisted men died in this terrible tragedy from Morris, Dutchess and Orange Counties alone.

God Bless those who served, you deserved much better than you got!

Westerly Marina Wins Best Westchester Marina Award from Westchester Magazine

DESERVEDLY, 59-year-old Westerly Marina, long a business on the Ossining Waterfront, has been award best Westchester Marina! The photo below shows Father Art DeMarchis, second in on left, (age 95) standing proudly with his sons, grandsons and employees.

Westerly Marina is a full service marina, which offers everything anyone on the Hudson River could want, repairs, fuel, a huge ships store, winter storage, and very knowledgeable employees with years of experience. Westerly features,

- Outboard repairs Merc, Honda, Force
- Inboard repairs gas and diesel
- I/O repairs Merc, Volvo, and OMC
- Electrical repairs A/C and D/C
- Fiberglass repairs
- Bottom painting and hull painting
- Wash and wax
- Repowers gas and diesel



westerlymarina.com

- Mast stepping
- Repair parts: toilet repair kits, impellers, propellers, belts, hoses etc.
 trailer repair
- Westerly does extensive fiberglass repairs as well as painting.
- Mercury Marine
- Volvo Penta
- Venture Trailers
- Honda

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Westerly Marina is located on the Hudson river between red buoy #16 and

18 on the east shore, opposite croton point. See below for a larger map. Latitude 41'9" North Longitude 74'58" West





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A ONE OF A KIND HUDSON RIVER WATERFRONT PROPERTY Deep Water Access





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by John H. Vargo, Publisher

For anyone who has dreamed of living alongside the magnificent Hudson River south of Kingston, NY, this one of a kind property with stunning views to the east, filling your house with sunlight in early morning, is just for you.

Summer, fall, winter or spring this house is filled to capacity with views, excitement and a richness of life seldom found.

Located just outside the city of Kingston, in the Hamlet of Port Ewen, you will find this extremely unique property on the Hudson River.

Nestled on 1.64 acres this property offers you roughly 267 feet of river frontage complete with water access for all of your boating, fishing, jet skiing and swimming needs. The property consists of 4 bedrooms, 2 full bath contemporary style home with approximately 3448 square feet with a two car attached garage. This home has a very versatile floor plan and is perfect for all of your entertaining needs. Originally built in 1968 this home has been well loved and taken care of over the years with having only 2 owners.

The kitchen has custom wood cabinetry with plenty of them, and a breakfast island. Master bath is complete with Jacuzzi tub and steam shower, beautiful hardwood floors, marble fireplace upstairs with a red brick fireplace on the lower level, which is walk out to a gorgeous bluestone patio that is perfect to watch the morning sunrise.

The lower level lot is about 70 feet wide with a 20 x 14 ½ cottage that has a small kitchenette and half bath. There is a 267-foot seawall with a removable swimmable 8 x 24 ft. dock, along with 1 boatlift and 2 davits to assist with the lifting and lowering of a boat or jet skis. In addition to all of this, there is a boat ramp and moorings to top it all off. This is a one of a kind river front property, and is often sought and seldom found. The property is centrally located to everything including the Amtrak train station in Rhinecliff, Kingston Airport, approximately 20 minutes to Poughkeepsie and Metro North, just across the bridge to Kingston and the Historic Rondout Waterfront where you will find restaurants, antique shops and boutiques.

If found, please contact Dr. Justin Krebs, AKRF, Inc. jkrebs@akrf.com (646) 388-9662

Sturgeon Researchers are Looking for Data Tags in the Hudson River

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Alternative Plan Needed To Save Gooley Club



by Bill Conners

Courtesy The Poughkeepsie Journal, Adirondacks AP

It has probably been 20 years or more since I fished the waters of the Gooley Club on the Essex Chain Lakes in the interior of the Adirondack Mountains.

I had the pleasure of fishing the club waters several times with an old friend of mine. We would usually arrive at the club late in the day, unload our gear and then spend some time visiting with other members of the club who happened to be in camp. After a leisurely dinner, followed by a good night's rest, the next morning we would step out of our small cabin into the morning sun and the crisp mountain air and head off to the club's dining hall for a hot breakfast. The rest of our day would be spent trying to get the lakes to give up a trout, or three. The Gooley Club lies in the extreme southwest corner of Essex County. After leaving the last paved road near Newcomb, the last leg of the trip was over a gravel road, the condition of which depended on the time of year, the beating it took all winter, followed by the damage inflicted on it during the "mud season." Sometimes, the trip took half an hour, sometimes much longer.

Photo: AP Photo: Mary Esch

The camp buildings sit on the edge of a bay on Third Lake, one of at least eight lakes in the chain. The club started life as a logging camp and it predates the state's Forest Preserve Law by several decades. Approved as Article VII of the State Constitution at the 1894 Constitutional Convention, the new law was approved by the people of New York in the 1894 General Election and became effective on January 1, 1895. It was later amended to Article XIV of the State Constitution. There is a tremendous history to be told about the old logging camp and clubs that have occupied the land from the mid-1800s until 2012 when New York took possession of the land. It was by a route as circuitous as the old logging roads that still crisscross the property.

Sadly, in spite of the fact that the camp is now registered as a State and Federal Historic Site, numerous environmental groups have called for the demolition of the club buildings. Should they have their way, the buildings will become a pile of rubble not long after the club is forced to vacate the premises on Sept. 30 of this year.

Those advocating for the removal cite Article 14 of the Forest Preserve Law which reads, "the lands of the state shall be forever kept as wild forest lands. They shall not be leased, sold or exchanged, or be taken by any corporation, public or private, nor shall the timber thereon be sold, removed or destroyed." This refers to the lands within the Blue Line of the Forest Preserve.

Because the logging camp existed before the Forest Preserve, as far as I'm concerned it should be protected as a part of the preserve. It represents not one, but two cultures (logging and sporting) of historic importance in the region. Actually, to the Forest Preserve itself.

A last-minute reprieve is being sought to keep the buildings intact. The New York State Conservation Council, the state's Conservation Fund Advisory Board as well as the Fish and Wildlife Management Board, are all considering an appeal to the Governor, asking that he put the demolition plan on hold.

They would like him to pull together a committee of stakeholders that would include representatives of local governments, preservation and environmental organizations, business and educational interests and state sporting groups to review possible alternative uses for the historic camp that could serve as an attraction intended to bring tourists to the Essex Chain complex. They would like the committee to explore uses such as a ranger substation, an interpretive or educational center, as well as other possible uses of the club buildings.

The 161,000 acres of land purchased from the Finch Pruyn Paper Company, either by fee acquisition or as conservation easements, has not resulted in any measurable economic benefit for the surrounding communities as was promised by the Governor when he built his case to assume ownership of the lands. Visitation to the Essex Chain has dropped dramatically over the past three years and state designated campsites are getting nearly the use predicted.

It is time for an alternative plan to be devised to help make up for the loss of local jobs and economic activity resulting from the exit of the forest products industry and the imminent end of 20 sporting clubs scattered across the Finch Lands — including the Gooley Club on Third Lake — whose patronage and expenditures helped support local businesses.

The Governor professes that he sees the economic value of our sporting traditions here in New York. He should; it is estimated to be \$8 or \$9 billion a year.

Back in February 2013, when he kicked off his "NY Open for Fishing and Hunting" campaign, he said he knew the recreational and economic value that hunting and fishing bring to New York. Unfortunately, many of the decisions since then have discouraged the sporting community.

It is very puzzling. Tens of thousands of acres of new lands have been purchased, but unit and recreation management plans have all but shut out the sportsmen and women. The upstate communities still wait for the boon to their economies promised as justification for sinking more than \$50 million into the purchases that have yielded little more than a collection of yellow barways that block access to the lands that we all helped pay for.

For the Governor, saving the Gooley Club could be a small but important step towards showing that he really does understand and appreciate the billions of dollars that New York's sporting community pumps into the state's economy.

Bill Conners of the Federation of Fish and Game Clubs writes on outdoors issues in Players. Email: conners@billconners.net

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by Leslie Spencer





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The third annual boat rides for veterans was yet again a huge success. The day began as usual with coffee and donuts after signing in. The flag raising ceremony was conducted by Retired Air Force Veteran Chief Master Sergeant John Foster and Assemblyman Keiran Lalor. The National Anthem was beautifully sung by Brenda Moore-Frazier. The vets and captains were then connected and they made their way to the 16 boats that participated in the event this year. The procession, which was led and followed by Dutchess County Marine Sheriffs, headed south to West Point and back. Along for the ride was a 96-year-old WWII Navy veteran, Gino DiGregorio. Upon their return everyone was treated to a bountiful meal of a variety of foods donated by many companies and individuals. George Mann (mastermind behind the whole event), worked together The Dutchess County Office of Veterans Services to obtain the names of the veterans who would be interested in participating. We hope you all come back next year!

Thanks to Dutchess County Sherriff's (Marine Division) for the escort, White's Hudson River Marina, Thunderbird Corporation (Formula Boats-Tonya Baker Hamilton), My Brother Bobby's Salsa Robert S. Gropper, Rainbow Pools (Michael Todd), Fleet Feet of Poughkeepsie (Kim Caruso), NBCDI (Linda Melton Mann), Shop-Rite (Fishkill), Central Hudson (Denise Doring VanBuren), Dunkin Donuts (Wappingers Falls), Party City (Wappingers Falls) Tomato Café (Scott Classey), Friendly Honda (Veronica Sarles), Brian @Signal Graphics Printing & Signs, Scott Harrison, Ashley Cogan, Todd Bender, Carolyn Foreman, Jeff Bose, Drew Lanz, Chira Sukhothai of Beacon, Fast Eddies (Eddie LaBounty), and John Foster. Thank you State Senator Sue Cvijanovich Serino, Assemblyman Keiran Lalor and former Wappingers Falls Town Supervisor Lori Sucich Jiava for your presence and kind words! A great big thank you to all of the captains who volunteered the use of their boats to carry veterans and to all those who helped on the grounds. Thank you, veterans, for giving us the freedom to enjoy this event!







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PRORTUNITY

FAN II

GROUNDWORK HUDSON VALLEY SCIENCE BARGE

NY, NY



HE SCIENCE BARGE

SCIENCE BARGE

by Jack Strong



³⁴ September - October 2018

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Over ten thousand people, school children, adults and foreign visitors test the various components of Groundwork's Science Barge, on the downtown Yonkers' waterfront, each year.

It is a huge success in every aspect of its being. The Science Barge is a prototype sustainable urban farm developed by NY Sun Works and acquired by Groundwork Hudson Valley in October 2008 to be operated as an environmental education center. The Science Barge greenhouse, floating on the Hudson River, grows an abundance of fresh produce including tomatoes, melons, popcorn, peppers, eggplant, and lettuce with zero net carbon emissions, zero pesticides, and zero runoff. All of the energy needed to power the Barge is generated by solar panels, wind turbines, and biofuels while the hydroponic greenhouse is irrigated solely by collected rainwater thus "off operating completely the grid." It is the only fully functioning demonstration of renewable energy supporting sustainable food production in New York. It is now docked in downtown Yonkers just north of the Yonkers Pier.

The Science Barge is open for weekday educational programs and field trips for schools, camps, and other groups from mid-April through the beginning of November. Programs range from 1-3 hours and cost \$250-\$525. They are currently scheduling field trips for the summer and fall! Call 914-375-2151 or e-mail sciencebarge@groundworkhv. org if you are interested in booking.

Many homes have the capacity and sunlight to emulate what the Science Barge is demonstrating. I strongly suggest that if you an interest in Hydroponic Gardening

Plants and healthy living you visit the Science Barge, in Yonkers, NY



For weekend walk-ons, The Science Barge suggests a 5-dollar donation. Free for children 10 years old and younger.

Mid-April-November Weekend Hours: Saturday & Sundays 12-6 pm For specific information call the dynamic Mr. Bob Walters, Director of the GroundworkHV at 914-375-2151.



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I AIWAYS WANTED TO JUWP OUT OF A PLANE!

by John H. Vargo, Publisher

For some people, actually far too many of them, getting "high" on drugs or alcohol is what keeps them going!

For Jenna Reilly it is life itself. Jenna works hard, real hard, as general manager of the Peekskill Coffee Shop. The Peekskill Coffee Shop is booming, it just celebrated its 15 year anniversary. From early morning until 8 PM, seven days a week, there is a line out the door to come in and enjoy the rich delicious coffee, lunch menu and pastries.

All this means that Jenna has to be on her toes at all hours of days and evening. To relax, she motorcycles, walks her dogs, and most recently began sky diving. Along with a couple of friends, they drove up to "Skydive The Ranch", located in Gardiner, NY only hours drive from Peekskill, NY.

³⁸ September - October 2018

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The Ranch has been in operation for over 40 years and offers Tandem jumps, (your first time up to 13, 500 feet), and then continuous instructions over a period of time leading to license to skydive on your own, or with other skydiver performing stunts.

Upon visiting Skydive the Ranch for the first time and before your skydive all aspects of the jump will be explained, via videos and one-on-one training with your instructor. Jenna was shown the state of the art equipment that will be used. During the actual Tandem Skydive, it was explained to her that she would be securely attached to a professional tandem instructor who will assist you in pulling the ripcord and steering you to a safe landing.

Tandem Skydiving is the ideal way to make your first skydive.

You must do exactly as the instructor tells you, which include buckling up to him or her, so tight that you act as one. The instructor wears the chute. Each of you has a radio and can talk back and fourth on the way down. This is important as the one or two minute fall and then the opening of the instructors chute requires communication in the final minutes of the skydive.

So I asked, "were you nervous or frightened?" Jenna replied, "you know there was so much going on as you climbed into the airplane, the noise, the smells of everyone packed so tightly together, everyone, smiling or laughing that you just felt anticipation. The actual jump was complete with total acceleration, unreal, and very exciting. Your traveling at 120 mph during free fall. As we were freefalling the instructor placed his hand on mine and guided it to the chute release. He and I pulled it together.

There was a camera man taking video of the jump so the instructor kept yelling "look at the camera, look at the camera."

So how did you feel after you landed, I asked? "Like I wanted to go right back up and do it again. Of course I did not to it that day but in the next few months I made a total of three jumps, I love it!"



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- Always cross the channel behind commercial vessels
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- Watch for the ship's wake



hudsonrivergreenwaywatertrail.org/info-safety

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Hudson River Safety,

Navigation, & Operations

Committee

New Hamburgh Yacht Club Anglers Challenge

Despite some terrible weather conditions for May, the second year of this event turned out to be rewarding indeed for Matt Corrabo, winner of a thousand dollars for first place and Matt Barron, second place winner.

The enthusiaiam, commaradery and general overall fun that this event has created will surely go on for years to come.

The New Hamburgh Yacht Club Anglers Challenge is setting new standards in Striped Bass Derbys on the Hudson River.







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End The Boating Season At The 3rd Annual Schuylerville Fall Festival

by Pete Bardunias, President/CEO, the Chamber of Southern Saratoga County

For the third year in a row, the beautiful upstate village of Schuylerville will host a spectacular Fall Festival just steps away from the spot where the colonials got their chance to win the American Revolution in 1777. This year's event is Sunday October 7 from 12-4PM, featuring 30 participating small businesses, 25 independent artisans, unique local food vendors and services.



The sidewalks are always very busy at the Festival with vendors and other displays throughout the village. Old Saratoga Eatery (center) is a great place to stop in and have a bite. Say hi to hardworking owner Jamie Tomas and let her know you read it here!

> These cute little goats are also quite useful, since their milk is incorporated into soaps by Rebelwood Soap Works and sold at several local stores. They are part of the



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Ashley Armitage, of Ashley A. Designs in Ballston Lake, NY, shares a light moment with Jason Young of the Schuyler Yacht Basin/ Clark's Steakhouse at the 2017 Festival. Ashley was the designer on the Schuylerville Small Business Directory shown at left in the picture, available at the Schuyler Yacht Basin, the Southern Saratoga Information Center at the Exit 9 Rest Area on 87, the Waterford Harbor Visitors Center, and area businesses.

TUP

D'



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Public Library and Hudson Crossing Park, and sponsored by the Chamber of Southern Saratoga County and the Schuylerville Chamber of Commerce. The SSBA's mission is to create the best community in which to live, work and do business by enhancing business collaboration and communication, supporting local entrepreneurs, advocating for our community and promoting positive advances and developments. This is a great way for boaters to finish out the 2018 season on the canals, amid some fine cruising weather.

Come to the Schuylerville Fall Festival, amid turning leaves at the turning point of world history! For more information on these and other upstate New York attractions, call (518) 371-3763, visit www.southernsaratoga.org or stop by the Southern Saratoga Information Center (at the Exit 9 Rest Area on I-87). Last year, over 400 visitors braved the showery weather to experience the fun and excitement of this close-knit community. There will be a scavenger hunt for participants to follow to encourage them to visit their local businesses and engage with the business owners. Along the way you can enjoy street musicians and delicious local food vendors. Restaurants and store fronts will be open, and artists will be demonstrating their skills. Boaters are encouraged to dock at the Schuyler Yacht Basin / Clark's Steakhouse for the weekend and enjoy the shoreside events as well!

This event is hosted by the Schuylerville Small Business Association (SSBA), an all-volunteer committee comprised of local business owners, elected officials and concerned citizens, with help from the Schuylerville



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ALEX SALOMATOFF HAS THE ANSWERS TO YOUR



If you have a question for Master Mechanic and Owner of Alex's Marine Plus in New Windsor, NY, simply call Alex at 845-565-9199 or e-mail, AlexsMarine@aol.com

A completely rebuilt Alex Marine Plus engine.



⁵⁴ September - October 2018 Disponible en línea en español. One question I am often asked is, "How long should a marine engine last?"

You'll hear lots of numbers bandied about in answer to that but the truth is there is no answer. How long an engine lasts depends on so many variables that no one could accurately predict engine life with any degree of accuracy. But we can say a few things

About Engine Life In General.

First, diesel engines typically last longer than gasoline engines. There are two main reasons for this. One, at a given boat speed they turn fewer revolutions, usually about a third fewer. When an engine turns fewer revs per mile, pistons make fewer trips up and down the cylinders and valves open and close less often. Ergo, less wear.

Further, the other reason is that diesel fuel contains oil, and so it not only provides fuel for combustion but also for lubrication. Gasoline is fuel and nothing else. Moreover, as we all know, diesels burn less fuel per mile traveled than gasoline engines, and the most reliable indicator of an engine's life is the amount of fuel it burns.

This is what happens to many marine engines!

Some of them rack up so many hours that their piston rings and/ or valve guides wear, allowing lubricating oil to get past them and into the combustion chamber, where it's burned, along with fuel. The result is a rather embarrassing cloud of blue smoke but the engine still runs, often surprisingly well. However oil consumption only gets worse, and inevitably it will get to the point that it's either too bothersome to put up with or the spark plugs start fouling with oil residue and the engine begins to miss, and eventually won't start.

We at Alex Marine Plus have a team of expert mechanics that can, a will rebuild that engine that is worn out, giving you all kinds of trouble.

In most cases ordering a rebuild of your engine in late summer while your engine is still in the water gives us an opportunity to assess your engine problems and give you a quote for a complete engine rebuild before you put the boat away for the winter.

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In 2016, in a Sunday edition of the New York Times, there were photos of a wealthy business man who owned an expensive home in South Hampton and picture of another man, an executive, who paid to rent out the home for a fundraising event for shelter animals. The picture of the man who was renting the house, showed him on the deck in a bathing suit with a "champagne gun" shooting it into the huge crowd of people below in the yard. Apparently the fundraising event went out of control with much more attendance than anticipated, and the end result being the owner claiming thousands of dollars of damage to his home, furnishings and expensive art. What a situation! Who is to say what the condition of these "damaged" items were before the event, if they existed at all and what their values were? It would be the homeowners word against the "renter". If the house was insured on a homeowners policy, submitting and collecting for this type of claim would most likely be denied since there was an exchange of money and used by the renter for a "business". A homeowners policy is underwritten based on the owner/occupant and their family, not for rental or a commercial exposure of any kind. Even if the house was insured on a landlords' policy form, since the damage caused may have been intentional, there is typically an exclusion for this. To insure art to its value, there would have had to be a special endorsement with either an itemized schedule, a fine arts "blanket" for the total value or separate inland marine policy for what was on the premises. Injuries sustained by either the person(s) "renting" your home, or even occupying it while you are there and paying you a fee for the rental, can also be uncovered claims. Again, you are making money from this arrangement, which in the eyes of the insurance company constitutes this as a "business". A claim denial for these situations would then mean your recourse

would being hiring an attorney as an out of pocket expense and hope there would be restitution for your damages and/or lost or stolen property. An uncovered bodily injury claim on your property during any "rental" period not covered by your policy, could mean a very expensive lawsuit. Even if there was a commercial or landlord's policy in place to accommodate the "rental", intentional damage caused could be excluded or the personal property you own not insured to its full value or replacement cost.

While participating in AIRBNB might sound like a good idea to make some extra cash, renting your house out by the day, week or month could mean you have no insurance for this situation, and/or could be cancelled if the insurance company finds out you are doing this either by checking the AIRBNB website for your address or if you file a claim that occurs while being rented. Although I understand AIRBNB offers some insurance, I believe it to be only liability insurance (bodily injury or property damage protection for vou). What about the structure and contents? As I have stated in a previous article about homeowners insurance, a homeowners policy is a legal contract between you and the insurance company, drawn up by the insurance company. The questions you answer on the application determines if you will be accepted. This signed and dated application must be answered truthfully. If you answered any questions falsely and a claim arises, the insurance company can deny the claim based on misrepresentation. Besides this rental situation of AIRBNB, there are many other questions you better be sure you answered honestly. These include, but are not limited to if you have a dog or dogs and the breed or breed mix, if you have a trampoline, pool, business or office occupancy,



previous claims, provide child care in your home or have any employees.

The New York homeowners policy defines the named insured as "You and the residents of your household who are your relatives or other persons under 21 in your care" and the residence premises as "the one, two or three family dwelling where you reside in at least one of the family units". Obviously with these definitions, a homeowners policy is not designed for the AIRBNB use.

So what to do? One of the companies we represent, Sterling Insurance Company, offers an endorsement in certain situations that allows up to 3 months rental on a homeowners policy form. I hear other companies are talking about how and if they want to accommodate this situation or put clear exclusions in the policies. A commercial or landlord's policy form are other options, but usually do not offer any personal property insurance and if they do, the coverage might not be on a replacement cost basis and has to be added by endorsement, or even a separate policy may be needed, particularly if you have any art, collectibles or antiques. So in most situations, there are options to insure this type of use of your home, but it may require an endorsement on your existing policy or changing to a different type of policy, or policies, depending on what you have to insure inside.

In my opinion, renting your house out on a temporary basis, without notifying your insurance agent or company is risky business. Your are taking a huge risk with your most valuable asset. You may not have any coverage if there is a claim, or you could be cancelled. Replacing a cancelled policy can be more costly or you could be declined by many companies due to their knowledge you rented out your house. At Karas Insurance Agencies Inc., we represent more than 6 companies for homeowners insurance and also have many companies for landlords and commercial insurance. Since 1973 we have been insuring homes in the Hudson Valley and beyond, both North and South. We welcome the opportunity to provide no obligation comparisons of cost and coverage against your current coverage, provide quotes for your new purchase, or assist you in replacing a cancelled policy, or change of occupancy to a rental situation, by changing the type of policy you need. We are located at 321 South Riverside Avenue, Croton-on-Hudson, NY and can be reached by phone 914-271-5188 or

Cathy J. Karas, President - Karas Insurance Agencies Inc., 321 So Riverside Ave, Croton-on-Hudson, NY 10520

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The Leo Lasher United Way of Greene/ Columbia Counties Catfish Derby

\$1,500 went to overall winner Kevin Kovacs, for taking first place in the Leo Lasher Catfish Derby on Saturday July 21, 2018. Kevin was saluted by a standing ovation of clapping hands as he was awarded the cash for his efforts.

The Leo Lasher United Way of Greene/Columbia Counties Catfish Contest has grown to over 500 people fishing in this eighth annual event.

Held on the Hudson River at a beautiful Catskill Park with a huge free boat ramp, the simple effort of catching a catfish, weighing it in, and then releasing it had drawn wide applause from all segments of society.

Brad Poster, Executive Director of Unite Way said, "if we do not focus on children, the outdoors, parents, then what else is there. This contest brings it all together and I love it!"

"Each year the profits from the Catfish Derby are allocated to local (Columbia and Greene Counties) non-profits to help fund programs such as after school

programs, food pantries, substance abuse programs, etc." said Brad Poster, Director of the United Way of Columbia and Greene Counties. "It will be weeks until we know the final figures from this 2018 event. In just the last three years the Catfish Derby has returned over \$40,000.00 to the community by funding over fifty (50) local programs."



WOUNDED WARRIOR PROJECT*







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There was 185 catfish caught with the majority released after being measured. Here is the complete list of winners

Youth Category:

- 1. Hunter Maderic 25 ³/₄
- 2. Christopher Malchow 23 ³/₄

23 1/2

- 3. Suvin Sampal
- 4. Myla Meacher 22 1/2
- 5. Mason Tammburro 21 3/4
- 6. Alex Meacher 21 1/2
- 7. Lucas Hoffman 21
- 8. Sovanie Sampal 20 1/4
- 9. John Krupp 20 1/4
- 10. Chloe Kraft 20

Adult Category

1.	Mike Rowan	27"
2.	Kevin Decker	27"
3.	Jeremy Jason	27"
4.	Gerard Uhrik	27"
5.	Ken Beattie	27"
6.	Dan Smith	26 ¼"
7.	Chad Bornt	26 ¼"
8.	Mike Riley	26 ¼"
9.	Aaron Meacher	26"
10.	Scott Mary	26"

Team Competition

(Combined lengths of four fish)

1.	Bad Luck Daily	43 ½"
2.	Two Indians	46 ¼"
3.	Team Schmatz	88 ¾"
4.	Prestige WW	46 ¼"
5.	Team Brass	71 7/8"
6.	Bone Collectors	59 ½"
7.	Jansen Fisching Fanati	cs 81"
8.	Team Terrell	64 ½"
9.	Team Badger	64 1/2"
10.	Team Fish On	91 ¼"
11.	Cashin Kitty	61 ½"
12.	Catfish Hunter	66 ½"
13.	Don't Sink the Boat	69"
11	Team E10 Fishing	01 1/"

14. Team 518 Fishing 91 ¹/₂"

Brad Poster, Executive Director and his management staff added catagories this year

that created a broader perspective of the entire event. SPONSOR A WARRIOR

This year was the initiation of the "Wounded Warriors" category.

The United Way of Columbia and Greene Counties together with The Wounded Warrior Project and Adaptive Sports Foundation "Warriors in Motion" Program (Windham, NY)

ADAPTIVE SPORTS FOUNDATION

The Adaptive Sports Foundation's Warriors in Motion program provides wounded warriors with a basic knowledge of wellness and the importance of practicing lifelong healthful living. Warriors engage in sports, outdoor activity, and recreation. In addition, warriors are encouraged to investigate how the physical self is tied to the emotional/psychological self, as well as how state-of-mind can affect the physical body. The Adaptive Sports Foundation is also a national program provider for Wounded Warrior Project®'s Physical Health and Wellness division.

WOUNDED WARRIOR PROJECT

With the mission to honor and empower Wounded Warriors, WWP is the hand extended to encourage warriors as they adjust to their new normal and achieve new triumphs. Offering a variety of programs and services, WWP is equipped to serve warriors with every type of injury – from the physical to the invisible wounds of war.

IRON HORSE CIGAR DEPOT

The Iron Horse Cigar Depots owners decided to get involved with the Windham Mountain, Adaptive Sports Foundation, Warriors in Motion programs after they learned that a large portion of the funding they once received had been significantly reduced. "I think it's incumbent of the success of all small businesses to give back to their local communities as a show of thanks to their clientele," said Roy Brown owner of the Iron Horse Cigar Depot in Hudson NY. "We've chosen to help the Warriors in Motion programs as veterans helping veterans, plain and simple." Roy and his wife Nicky are both veterans of the U. S. Air Force and believe that running a small business and giving back to the community is the right thing to do and have dedicated themselves to helping raise funds for the Adaptive Sports Foundation, Warriors in Motion programs.



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We Finally Make It Out Onto Constitution

Island

by Ralph J. Ferrusi

first motored past Constitution Island 'way back in my power boating days, when I was much more fascinated by the fact I was zooming over the deepest part of the Hudson, through the most notorious narrow S-turn in the river between New York Harbor and the Federal Dam in Albany—known as "World's End"—than I was by the Warner family's intriguing history on the island. The Dutch called this part of the Hudson "Martelaer's Rach": "Martyr's Reach", for all the boats that sank in this could-be-tricky/ treacherous bit of water.

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100 100

Even back then I was always a bit spooked knowing there was over 200 feet of murky river water beneath me, and God knows what under it. Nowadays, I am still always a bit spooked ever time we canoe through this narrow, twisty section of the river between West Point and Constitution Island. Honestly, my biggest fear, particularly when heading north, with a limited view upriver, is that all of a sudden a HUGE container ship will appear right around the corner, leaving us kind of trapped between it and the western cliffs of the island without a helluva lot of wiggle room.

This may sound a bit dramatic, but we'd (literally) have to paddle for our lives to get the hell outta there before the bow waves hit the base of the cliffs and ricocheted back into the river, possibly creating some wicked turbulence that we just might not be able to deal with. I don't even want to think about being in the water, and sharing it with a monster ship. Nope...

As I've often mentioned, Constitution Marsh is one of our favorite places to paddle ("Constitution Marsh by Sea", BOATING ON THE HUDSON AND BEYOND, October 2015) and, occasionally, to walk ("Constitution Marsh by Land", BOATING ON THE HUDSON AND BEYOND, February/ March 2017). But, I've always been curious about Constitution ISLAND). You just can't land on it and noodle around: it belongs to the United States Military Academy, West Point. But, I'd heard of The Constitution Island Association, and found out via a little bit of on-line poking around (http://www. constitutionisland.org/) that on certain times of year a 38-seat boat left the West Point South Dock on Wednesdays between 9:30-11:30 AM: \$10.00/Seniors \$9.00. Sometime in May/June 2017 I called 854-265-2501 and registered Kath and I for an upcoming Wednesday. But...something unexpected came up on the Big Day (ahhh, Life Gets in the Way...), and, crap, we had to cancel.

But, Whoopee Do, I learned of a "Family Day" on the Island on Saturday, September 23, 2017: I called and made reservations (again) for Kath and I. We were on our way. It was a fine, blue sky September day, and I really wasn't looking forward to the long drive to West Point, right across the river but not that easy to get to by car for us: either up to Pougkeepsie and across the Mid Hudson Bridge then down through Newburgh, or down to the Bear Mountain Bridge and then up through Cornwall. Well, it turned out we could drive over to the Cold Spring Metro North parking lot, and there would be a bus there to drive us out to the island.

Before we board the bus, let's talk a bit about Constitution Island.

Fort Constitution was built on the island in 1775, when we were fighting the Brits for our "Constitutional Rights", thus



The island is now part of the West Point Military Academy Reservation.



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Ralph with a character from the past 'Anna Warner', the younger sister, who, in 1872 published "Gardening by Myself"

"Constitution Island". Henry W. Warner, a Long Island lawyer, bought the 280-acre island and the adjacent marsh from Samuel Gouvernier in November 1836, intending to build a country estate and a resort/luxury hotel on the island, and, astonishingly, to grow rice in the marsh.

Timing is Everything: the Panic of 1837 wiped out Warner's fortune, "[reducing] the family to real poverty". After Warner's death, his two daughters, Susan—1819-1885— and Anna—1824-1915—declined "many tempting offers to sell the island for large sums of money for an amusement park"! Susan and Anna were both prolific writers: Susan became one of 19th Century America's best-selling authors, writing over 40 novels and stories between 1850 and 1855, including the first American best seller, "The Wide, Wide World". Anna wrote the arguably "most famous Christian hymn", "Jesus Loves Me". Both sisters wrote their entire lives, with "...about one hundred and six publications to their credit....".

In 1908 Anna sold the island to Mrs. Russell Sage for \$150,000.00, and Mrs. Sage presented it as a joint gift to President Theodore Roosevelt and the US government, once again saving it from commercial interests. The island is now part of the West Point Military Academy Reservation. The Warner sisters are buried side-by-side in the West Point Cemetery.

Back to the bus: it—and some very nice people—were waiting for us at the far south end of the Metro North parking lot, and we were driven along a narrow, bumpy service road paralleling the railroad tracks and right over the bridge we've canoed under a zillion

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times, never knowing a road shared the railroad tracks that were right above us. It dropped us off just above Warner House—the family home from 1836 to 1915—with a spectacular view south down the river.

There were all kinds of nice family/kids things going on—miniature horses, a teddy bear parade, a small "zoo: goats, ducks, rabbits, and, a kangaroo!!!—and, all kinds of nice families and kids enjoying all the nice things. But..after all these years, I was really eager to satisfy my curiosity about the island and explore. We got a map: there were about a half-dozen trails, one leading just about to the 138-foot high point of the island: turn me loose!

But, first things first: as we walked past the house there was a woman dressed in 19th Century finery standing alongside the Memorial Garden: 'Anna Warner', the younger sister, who, in 1872 published "Gardening by Myself"! As anxious as I was to explore, how could I pass up an opportunity to actually talk to one of the Warner sisters??? I asked her what year it was, and I think she said it was 1890. I asked her about her sister Susan, and she said she had died. She asked me if I knew anything about "Cadet Eisenhower", and I told her that we were from the future, and there had been a terrible World War and Cadet Eisenhower had been a General, and that after the War he had become President of the United States. I said she must have noticed that we were dressed "a bit differently", and told her that it was 2017. She asked how we got to the island, and I said we had arrived on the island on a bus, and she surmised it must have been "steam powered". All in all, a very cool encounter.

The Hike: we headed out on the Redoubt 7 Trail, and detoured to the 1775 First Fortification ruins facing south right down the river, then passed the Parade Grounds, then missed the trail and scrambled steeply up to a broad lookout towards West Point, then to the formidable ruins of the 1778 Redoubt No. 7. We then scrambled up to the 138-foot high point of the island, then headed north through the woods, down into a saddle, and up the other side until we had a clear view north up the river. We then found our way through the woods back to the Redoubt 7 Trail to the house, saving the long Wetlands Loop Trail and the Redoubt 5 and 6 Trails for another day, hopefully on a Wednesday in the Spring or Summer of 2018.

Get in touch with Ralph at: rjferrusi@frontiernet.net

2006 • 12 Years with Dr. Gel • 2018





by Dave Weakley

Dave Weakley is the owner of American Boat Restoration and has been helping Northeastern boaters keep their boats in fine trim and good repair for over 40 years.

"Email me or call me with your questions! I'll be happy to help you out" americanboatrestoration.com / email: boatrepair@aol.com / Office: 413.665.7424 / Cell: 518.577.7799

"Dr Gel, I'm planning on cleaning my hull to get it ready for the off- season. What's the best cleaner and what else should I do?" --- Todd

Cleaning the growth and slimy scum off your hull; it's an end of season ritual. Acid wash products such as "On-Off" work great to clean off all the ugly brown stains. Another good fiberglass hull cleaning solution I use is called FSR-Fiberglass Stain Remover by Davis. For FSR follow the directions and be sure to wear eye protection and rubber gloves. It works great for waterline scum and other stains.

When it comes to acid-washing your entire hull seek a reputable marine service facility. They have the experience and equipment to do it efficiently and properly.

Beware both of these solutions will also remove all the protecting sealer glaze and wax exposing the gelcoat to anything that might want to cling to it or absorb through the porous gelcoat. I cannot emphasize enough how important it is to reapply the sealer glaze and wax to best protect the gelcoat. In addition, sealing the gelcoat will help to prevent osmotic blisters. It is cheap insurance compared to the cost of repairing blisters. A hull with a good coat of sealer glaze and wax gives algae and other organisms less to adhere to! It is essential that sealer glaze be applied to bare fiberglass before the boat goes back in the water. This applies to any age boat and brand new boats as well!!

Boats on a trailer; should be removed from the trailer in order to get the entire bottom cleaned, sealer glazed and waxed. You are only able to do half a job unless this done. It's a good opportunity to clean the gelcoat hidden under the bunks where osmotic blistering can occur unnoticed. You do not want to get the acid wash on you or

your trailer! While the boat is off the trailer check the rollers/carpeted bunks for protruding and loose bolts, wear and grit and replace if needed.

Now is a perfect time to carefully inspect your entire boat. Are there any gelcoat, fiberglass and/or structural issues; cracks in the gelcoat, deep gashes into the fiberglass, airvoids, osmotic blisters, etc.? These types of problems will get worse if not addressed. Repair as soon as possible! Check and tighten all your hardware and fittings. Examine the sealant around cleats, hatch covers, windows, etc. Replace missing or dried out sealant. Schedule repairs off season; avoid waiting 'til spring.



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blisters caused by wet trailer bunks

contact the seller and see if you could get your money back. It's a stretch but worth a try. We are seeing more and more people being taken for a ride. You are not alone; we get

Store your boat dry; protect it from damaging dampness. Ventilate it! Before you cover it or have it shrink wrapped remove anything wet or damp such as soggy lines, ski vests, towels, etc! Take time to clean it out! Dampness and shrink wrap combined can create a greenhouse effect. We have also seen damp fabrics bleed color on to the upholstery and stains from pine needles and leaves. Clean and vacuum out the boat - it'll smell better next season and you will avoid the possibility of rotting wood and staining on your seating, carpet and gelcoat.

Take the time to care for your investment! Before it is stored away clean, restore and protect it! Doing it now will reduce the time you'll need to spend cleaning the boat in the springtime or whenever you intend using it again!

"I have some damage on my 2003 Checkmate. It is in mint condition other than a scratch on the side. The scratch goes through two colors of gelcoat, yellow and white. I have seen repairs on other boats that look horrific. Can a patch repair be done that will not be noticeable?"--- Michael T.

Yes, absolutely a repair can be done and not be visible. In your situation because the scratch is going through two colors, it would be in your best interest to have the repair done right the first time by a professional. There is a lot one needs to know to do a successful repair.

It requires using the appropriate materials and application process from start to finish. This means grinding method, fillers, accurate and fresh gelcoat colors, correct gelcoat mixing techniques, proper spraying equipment and modus operandi
. When a two gelcoat color repair is done properly the finished product should be unnoticeable and at the proper level. You don't want to see or feel a ridge between the two colors. If you can see a repair it's called a "patch" I do repairs not patches.

Looking for another boat? Don't be "Taken for a ride"

"I recently purchased a nice looking, freshly painted run-a bout . The very first time I used the boat the engine started to wobble. I stopped the boat and noticed a huge crack running from one side of the transom to the other through the bottom engine mounting bolt holes. The boat began taking on water. My family moved from the back of the boat forward into the open bow area in an attempt to keep the crack above the water line. I put my family in danger by unknowingly buying a piece of junk. Is there anything I can do to repair the transom?" from PA Hopefully you did not spend a lot of money for this boat. I would suggest you calls all the time from boat buyers in similar situations. You could have had a catastrophic event with your family on board! There are people out there off loading headaches onto unsuspecting boat buyers. There should be a law against this.

Your boat certainly sounds like it has a major rotted transom in order for a crack like that to happen. The first thing you want to do before you spend another nickel on the boat is to check the rest of the structure for soundness e.g. stringers, floor, etc. If the transom is as rotted as it sounds it's likely there is rot in the stringers and floor. Sell it for parts. If the rot has not gone into the floor and stingers the transom can be repaired. Take your boat to a reputable boat repair facility or marine surveyor to determine whether or not it's worth fixing.

Anything can be fixed; it is just a matter of if it is worth the investment. Buyer Beware! Do your homework; be wary of boats sold on the internet! We

have spoken to many many people who got taken for a ride on a purchase! Try to buy from someone local or at a marine dealer. Ask for engine compression test. Have the boat surveyed by an accredited marine surveyor or reputable fiberglass repairer.



Bottom Paint Removal

Thinking about removing the ugly peeling and heavy layers of bottom paint on your boat? Hire a competent company to do the work! Be sure they use the right blasting media!

We have written many articles about soda blasting and how to protect a hull; it's a significant topic and worth repeating especially for new boat owners or those that missed previous articles.

I recently received a call from Dennis M. from the Boston, MA area who took



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one of my Gelcoat and Fiberglass repair training classes this past Jan. He did not realize I offer soda blasting until he took my class. Prior to coming to the training class he had contracted a local blasting company that said they could remove the bottom paint from his boat. What Jeff failed to do was to ask the company what kind of media they were going to use to strip the paint off his hull. The company unfortunately used one of the worst blasting media for bottom paint removal...Glass Beads! What they should have used and what I use is Sodium Bicarbonate. Sodium Bicarbonate as you can see on the Mohs Scale of Hardness is rated at 2.5 far below aggressive and damaging Glass Abrasive at level 6. The Glass Beads not only striped the bottom paint but it also striped the gelcoat and tore away at the fiberglass laminate. A few years back I saw at a marina a hull striped of bottom paint using Black Beauty which are little bits of steel. That hull was a mess; the black beauty not only ripped and tore the gelcoat and fiberglass but it also left black beauty everywhere on the boat; it was in the window channels, bright work, creveses, etc. it was a real mess! The owner was furious to say the least.

The condition of Dennis's boat would have been better if it was left alone. His boat now blasted and damage done Dennis asked me "what is the fix?"

Dennis emailed me photos and I saw all the damage the harsh abrasive created. I advised him to tape off the water line using good quality fine line tape and fair out all the damage. The fairing is going to be very time consuming and expensive for the type of fairing needed below the water line. After fairing he needs to sand the entire hull below the tape with 80 grit sand paper. It will assure good paint adhesion. You do not want to see any shiny areas on the hull. If the paint is applied to shiny areas it will eventually flake and peel. Next wipe down the sanded area with a wipe down solvent wash. Apply the Epoxy Barrier paint following all the manufacturers' instructions carefully. After application of the barrier, apply the proper bottom paint if desired. Choose your bottom paint based on water type boat will be in.

Bottom or anti-fouling paint slows the growth of algae, critters, barnacles, etc thus producing better speed and boat performance. It's important to know that bottom paint alone will not protect the hull from water absorption exposing it to potential osmotic blistering.

Soda Blasting is an eco-friendly, FDA approved paint remover!

Soda blasting with its low abrasiveness was used to restore the soft copper on the Statue of Liberty during its restoration in 1982. The copper skin is only 3/32 of an inch thick; it was essential to use the least abrasive material to strip the six coats of paint and layers of coal tar on its interior.

Soda blasting is a safe paint stripping and cleaning process that uses bicarbonate -of- soda media delivered by means of compressed air through a specially designed pressurized blasting pot system onto the area to be cleaned. It removes paint and contaminate without harming the underlying surface.

This is how the process of soda blasting works. Soda blast particles remove surface contaminate by the energy released as the particles explode when pressure driven into contact with the contaminate surface. The resulting release of energy disrupts the contaminate surface thus leaving the substrate unaffected! No heat no sparks!

Blast material is baking soda and, yes; you can make biscuits with it! It is an environmentally safe, non-toxic, non-hazardous food grade material that is 100% water soluble. The size of the soda particles are larger than those you have in your baking soda box at home.

It is an excellent paint stripping method for fiberglass boat hulls and can also be used to strip engine parts, brick, concrete, hardwood, surface rust, paint and rust from cars, stains, airplane parts, graffiti, fire restoration, degreaser for kitchen and mechanical components and more. Reasons why you may want to strip the paint off a hull:

1) To remove an excessive amount of bottom paint and prep for a new application. How much do you think 20 coats of bottom paint weighs?

2) If the paint is peeling and falling off because of poor adhesion, then all of the paint needs to be removed. The hull can be properly prepped for new barrier coat and bottom paint. A shiny hull with peeling paint has no protection from water absorption that can cause osmotic blistering, a.k.a boat pox.

3) If there are numerous repairs that need to be done; e.g. blistering, cracks, etc.
4) To permanently remove for improved appearance and hull performance for boats that are not kept in the water all season - how many irregular and ugly surfaced hulls have you seen?

5) If you are looking to buy a boat, keep in mind bottom paint can hide a lot of unseen problems.

Why use soda to strip bottom paint when other blasting medias are available?

To strip a soft surface properly a soft blasting media should be used. Think of throwing snow balls at your hull verses stones! There is a tool for every job and most blasting media should not be used on fiberglass hulls.

Here are some examples: sand blasting strips rust and paint from steel. It is too hard to use as a striping media on fiberglass. It will remove barrier coat, gelcoat and the underlying fiberglass laminate. Black beauty, a.k.a. coal slag is sharp, dirty and one of the poorest choices of bottom paint stripping media. It will remove paint and rust from steel but it is much too hard and one of the worst blasting medias to use on fiberglass. It like sand will remove much more than just the paint. It will damage chrome, aluminum rub rails, bearings, sliding windows, glass, etc. The residue from black beauty can stain gelcoat. Unlike soda blasting, sand and black beauty remove coatings by wearing them away.

It is helpful to have a knowledgeable, experienced fiberglass repairer soda blast the hull because even soda blasting is mildly abrasive and should be done correctly. In addition, care must be taken to protect all areas of the boat not being soda blasted. Soda by itself will not stain or harm gelcoat; but when it is mixed with the bottom paint being removed it can stain. A tent is created around the hull to protect the boat being blasted, the ground and the surrounding area.

A professional gelcoat and fiberglass repairer can inspect and evaluate the condition of the hull during and after the blasting procedure and recommend the proper repairs and surface coatings.

Applying epoxy barrier coat on the bottom of your hull is like buying insurance especially and most importantly if you keep your boat in the water all season.

Barrier coat is like the name implies. It acts like a wall, blockade and impediment to water. Epoxy barrier coats are impermeable to water absorption unlike polyesters which will absorb water. Epoxy barrier paint can be cleaned with a pressure washer and or acid wash at the end of the season. You do not have to apply sealer glaze reducing maintenance.

The gelcoat on your boat is made of polyester. Epoxy barrier acts like a primer for bottom paint. Barrier coat is more important than bottom paint and can be purchased for less than bottom paint depending on the manufacturer and type of bottom paint chosen.

Epoxy Barrier applied properly is the best protection for a hull.

Epoxy Barrier properly applied cannot be removed with soda blasting which is good!

 Epoxy barrier paint can be cleaned with a pressure washer and/or acid wash at the end of the season. You do not have to apply sealer glaze. Maintenance is reduced!

· Hull blisters maybe be avoided if the hull is properly maintained.

Once you acquire blistering it's after the fact.

All you can fix is the blisters you see... others maybe developing.

Do preventive medicine whether your boat is new or old before any osmotic blisters develop!





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Our Changing Times

by John H. Vargo, Publisher

Breakneck Ridge is a Metro-North Railroad station that serves hikers and campers traveling to and from Breakneck Ridge, north of Cold Spring, New York, via the Hudson Line. Trains stop there on Saturdays, Sundays and holidays only. Twelve trains serve it daily on those days, six to Poughkeepsie in the morning and early afternoon, and six to Grand Central Terminal in the afternoon and early evening. It is 55 miles (89 km) from Grand Central Terminal, which takes approximately one hour, 28 minutes.

This station has two low-level side platforms each long enough for one door of one car to receive or discharge passengers. It is located off an embankment from New York State Route 9D, with only one sign (on the east side of the track), merely a small path leading to the overpass and then down to the tracks about 0.5 miles

(0.80 km) north of the main parking area for the Breakneck Ridge hiking trail. A small, wooden low-level platform permits disembarkation from the front of the last car on the train (i.e. the door one car length from Grand Central Terminal when boarding).

The Breakneck Ridge Trail has become one of the most utilized trails in the Hudson River Valley!

On weekends Route 9D is packed with parked cars all long the base of the mountain. It is a tremendous asset to the areas tourist trade and especially to the Village of Cold Spring.

In the fall of the year it has become a "must do" for thousands of hikers, as the views from the top will take your breath away.

Recently portable bathrooms have been placed near the parking areas, which are most helpful.



Tugboat Roundup 2018 Honors One Of New York's "Bravest"

AT LANTIC HU

by Pete Bardunias, President/CEO, the Chamber of Southern Saratoga County

Boats

Each year some of the mighty working tugboats (and a few decidedly smaller ones!) that ply the Hudson River and Canal System travel to Waterford for the annual Tugboat Roundup, the only event of its kind, which highlights not only the history of these unique working vessels but also the present and future of maritime cargo transportation. The 19th annual Waterford Tugboat Roundup (www. tugboatroundup.com) hosted by the Town of Waterford, will be September 7 through 9 at the waterfront.

The Atlantic Hunter II, 2017's Tug of the Year, is a perennial fixture at the Waterford docks during the Roundup. It's fun to see the smaller tugs perform in various contests during the weekend, and owners such as Bill and Linda Grudinskas are always fun and engaging to meet. Be sure to stop by and say hello while at the Roundup!

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Canal tugboats have unique features such as telescoping bridges, folding masts and special hull designs to maximize their effectiveness on the narrow, shallow inland waterways. Ocean going tugs are free of such limitations, and move vast loads across long distances. Of interest to Roundup visitors, not only the big boys are represented at the event. Tiny trailerable tugs and other small and interesting craft are often seen at the docks, such as last year's honoree Atlantic Hunter II, owned by Ben and Linda Grudinskas of Massachusetts, as well as local tour boats and other unique vessels.

On September 11, 2001, the collapsing Twin Towers of the World Trade Center destroyed all the water mains needed to support firefighters on the "pile". Ironically New York City had just decommissioned its venerable fireboat, the John J. Harvey, just two years earlier. Still, the dedicated crew of the Harvey, who had been working to preserve the historic vessel, answered the radio call for "All ships" and headed towards the smoldering cauldron in lower Manhattan. Some

right - The 1931 fireboat, John J. Harvey, still plys the waters of the Hudson River and New York Harbor nearly 8 decades after its construction, run by a dedicated crew of volunteers. Interest in the Harvey grew exponentially after its 9-11 exploits became known, and it is being recognized as "Tug of the Year" for 2018. It has been painted in special dazzle artwork by artist Tauba Auerbach for an exhibition in New York City which runs through the winter, also commemorating the end of World War I, during which dazzle camouflage was invented for warships. For more information visit www.1931fireboat.org.



improvisation enabled the boat, once the most powerful fireboat in the world, to once again do the job it had done for six decades prior – pumping water for over 80 hours straight to help douse the flames created by Osama bin Laden's henchmen. The John J. Harvey will be honored as "Tug of the Year" at this year's Roundup.

Adjacent to Lock E-2 will be the Golden Real, a century old Dutch cargo vessel which served in both World Wars providing food for besieged Amsterdam, Holland and now makes its home in the Capital Region. Owner Richard Manack lovingly maintains the vessel, and is always eager to tell stories about the boat's storied heritage.

The Roundup also features vendors from across the region, food, boat rides, live music, children's activities and other interesting displays including a farmers' market on Sunday. The Saturday night fireworks are some of the best in upstate New York, and there is something for everybody at this great maritime event!

The Waterford Tugboat Roundup is one of the many great events and happenings throughout the year along the Hudson and Mohawk Rivers. For more information on these and other upstate New York attractions, call (518) 371-3763, visit www.southernsaratoga.org or stop by the Southern Saratoga Information Center (at the Exit 9 Rest Area on I-87).

left - Waterford's fireworks are some of the best you'll see anywhere. Saturday nights at the Steamboat Meet (July) and Tugboat Roundup (September), these are a must see for any fireworks aficionado.

> right - While in Waterford, please visit the many local shops and restaurants within walking distance of the docks. McGreivey's Restaurant (91 Broad Street, (518) 238-2020, www. mcgreiveys.com) is a family owned restaurant with great food by a Culinary Institute graduate, Art Riley and his staff. You will be treated to a wonderful dining experience.

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