

# The America Cup Races

May 6-7-8, 2016

## Coming to NYC Harbor

by John H. Vargo,  
*Publisher*

In what promises to be a spectacular opening to the 2016 Hudson River boating season, Liberty Landing Marina will host three days of AC45F foiling catamaran racing like nothing that has been seen before.

Arriving by truck from all over the world then assembled at Liberty Landings beautiful lawns, each will be launched by crane into the canal adjacent to the marina and gently nudged out by rubber raft to the open waters of New York Harbor. On Friday, May 6 preliminary racing will be held in the Harbor. There will be restricted access to the Harbor so that the high speed foiled catamarans, can be tested for racing the following day, May 7th.

As this is being written, preliminary racecourse arrangements have the racing marks set between the Colgate Clock on the west shore and Battery Park City on the east shore in lower Manhattan. The views from the high buildings in and around lower Manhattan are truly going to be spectacular! What you will see, if conditions are right, are sleek, winged-sailed catamarans slicing through the water at incredible speeds that will "jump up" and ride on their foils. On the upwind leg they can travel at thirty miles per hour and on the downwind leg 40 miles per hour.

Please check out our Facebook page at [www.boatingonthehudson.com](http://www.boatingonthehudson.com) for the latest updates and US Coast Guard information regarding anchorages, viewing areas, etc. Traffic will be reduced in the area of the racecourse so that the fleet of six AC45F's can operate safely. The five teams that will be racing are: Emirates Team New Zealand, Oracle Team USA, Land Rover BAR, Artemis Racing, Softbank Team Japan, and Groupama Team France. It should be pointed out that each of these catamarans is identical to the other. (This will not be the case at the 2017 Bermuda America's Cup races as the rules

*...continued on page 6.*



photo©:David Westcott.



Dueling AC45F Foiling Catamarans. AC 72 Team Oracle on San Francisco Bay, 2013

# Based at Liberty Landing Marina the World Series of America Cup Racing is coming to New York Harbor.

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will allow additional high tech “tweaking” of each of those 50 foot racing machines.)

So how did all this come about? As almost everyone knows the America’s Cup is the oldest international sporting trophy and has been fought over both on the water and in the courts for the last 150 years. It is the oldest international sporting trophy.

The pilot schooner, “America” won the original race held around the Isle of Wright in 1851. Thus the name America’s Cup, which has stuck ever since.



Over the years various one design yachts have been raced in one on one match races, primarily sponsored by very wealthy individuals or companies that saw the benefits of having their name attached to such a prestigious yacht.

Spring forward to 2010 and the America’s Cup races held in 90-foot multihulled catamarans in Valencia, Spain. The victorious Golden Gate Yacht Club then elected to race the 34th America’s Cup race in foiling, wing sail catamarans. The club then won the America’s Cup with Oracle being the sponsor. Thus began the incredible race of technology that has brought us to the high tech AC45F catamarans going to be raced in New York Harbor on May 6-7-8, 2016.

The Louis Vuitton World Series of America cup racing played a major part in bringing these high tech boats to television. For the first time viewers could relate to the tremendous strides being made in design, high technology and personnel being combined to create a high speed action show, similar to Nascar and the NFL. The concept registered with the general public and is the foundation of marketing this new era in America Cup racing.

North Cove  
Marina.



Liberty Landing NYC  
Pier 25 Moorings.



Liberty Landing Marina.

From the design of the catamaran hull, to the humans that are operating it, to the equipment that the racing teams are wearing, nothing is left to chance, all being connected to the land based control team that monitors everything about the America Cup AC45F catamaran. While the skill of

each individual on board is extremely important, the monitoring system provides the ultimate efficiencies that will prove out each and every move.

With hundreds of sensors monitoring everything from wave speed, to air pressure on the fixed sail, to the multitude of sensors built into the crew's clothes and life jackets, to the high speed foils that are

constantly bring improved nothing is left to chance.

This is going to be a win win for everyone on or near New York Harbor or the Hudson River.

Finally an event is taking place that can and will get everyone enthused about the Hudson River once again.

*Oracle,*  
2013, San Francisco Bay,  
photo by Sheryl Renke

## Important Information for those going to New York Harbor on the 6<sup>th</sup>, 7<sup>th</sup>, and 8<sup>th</sup> of May: ***Transient Slips available at the following Marina's Above the Tappan Zee Bridge***

The May 6-7-8 America's Cup Race will put a tremendous strain on temporary boat slips in New York Harbor, however there certainly should be transient slips available above the Tappan Zee Bridge. New York Harbor is approximately 25 miles south of the Tappan Zee Bridge making it reachable in a relatively short period of time. Even the slowest boat can make it in two hours with the tide running with them.

### **Above the Tappan Zee Bridge**

TARRYTOWN MARINA, Tarrytown, NY  
24 Hour Credit Card Activated Pump.  
914-631-1300, VHF Channel 16 is monitored  
[www.tarrytownmarina.com](http://www.tarrytownmarina.com)

Eastern Shore, 41° 4' 30" -73° 52' 1". Follow the well-marked channel starting 0.1 mile north of the Tappan Zee Bridge to marina entrance. The entrance to the marina is marked with a Shell Sign. Boats up to 40 feet in length, four feet of water at low tide. The new Tappan Zee Bridge is being constructed and there is tremendous activity in the area, however if you keep your speed at "slow bell" while in the channel you will not have any problem passing through the area.

INFO: Minimum water on approach is 9' with 7' at the dock. Shell Unleaded gasoline (89 Octane) and Shell Diesel available. Pump Out (Stationary and Boat Pump Out), Ice. Visa, Master Card, Discover and American Express are accepted. Twin 30 am electric hookup,wifi.

HAVERSTRAW MARINA  
600 Beach Road, Haverstraw, NY, 10993  
845-429-2001  
Fax: 845-429-8353  
e-mail: [boating@haverstrawmarina.com](mailto:boating@haverstrawmarina.com)  
[www.haverstrawmarina.com](http://www.haverstrawmarina.com)

Western Shore, 41° 13' 0" -73° 58' 7". The facility is located 260 degrees off of red buoy #26. INFO: Minimum water on approach is 25' with 9' at the dock. Pump Out (free with fuel), Ice, 2 Cycle Oil, both diesel and gas at the fuel dock, Transient Dockage, The Hudson Water Club Restaurant, Repair Facility, Samalot Marine, Sailboat repair and supplies, launch ramp, B & B near by, motels.

This is the largest marina on the Hudson River and can handle boats up to 150'.

**WESTERLY MARINA**  
(Ossining, NY)  
914-941-2203, VHF Channel 68  
[www.westerlymarina.com](http://www.westerlymarina.com)  
Eastern Shore, 41° 9' 33" -73° 52' 10". The marina is located opposite red buoy #18 at Tellers Point, (also referred to as Croton Point).

INFO: Minimum water on approach is 10' with 8' at the dock. Ship's Store, Ice, Drinks. Visa and MasterCard accepted. Boats to 80' can be accommodated.

FUEL: Unleaded gasoline (89 Octane) and Diesel (40 Cetane) available.

HOURS: Open April 15th thru November 15th, 8:30AM to 5:30PM Wednesday thru Saturday, 9AM to 3PM Sunday. The gas dock is closed on Tuesdays.

**VIKING MARINA,**  
50 Kings Ferry Road,  
Verplanck, NY 10596  
914 739 5090  
Eastern shore of Haverstraw Bay, opposite Stony Point, transient slips, ships store, ice, pump out. This marina does not sell fuel however is close enough that it can be an overnight or two day stop for the event. The slips are available, with power hookup, ship store, ice. From here to the Tappan Zee Bridge is 12 miles.

**Below the George Washington Bridge**  
*(For any possibility of getting a transient slip below the Tappan Zee Bridge you should call now, don't wait!)*

**LIBERTY LANDING MARINA**  
Channel VHF 72 is monitored, as we write this there are temporary boat slips available for the weekend of May 6-7 and 8 however call as soon as you see this or it will be to late.

80 Audrey Zapp Drive, Liberty State Park, Jersey City, NJ, 07305

[www.libertylandingmarina.com](http://www.libertylandingmarina.com)  
Western Shore, 40° 42' 30" -74° 2' 25". Located off the South Side of the Morris Canal. (There is a big Colgate Clock on starboard as you enter the Morris Canal). This is the location of the 6,7 & 8 American Cup races, I strongly suggest you call the fuel dock before entering the Morris Canal, INFO: Full Service, Calm Water Refueling Location, 15' Mean low water.  
Telephone 201-985-8000  
Fax 201-985-9866

### **LINCOLN HARBOR YACHT CLUB**

(Weehawken, NJ)  
Western Shore, 40° 45' 37" -74° 1' 6".  
INFO: Best Fuel Prices In NY Harbor!  
Slips From 25' To 220', 24 Hour Security Patrol (During The Season), Closed Circuit TV Security System, Electronic Keyed Gates, Yacht Detailing, Dock Hands, Conference Room & Business Services, Laundry & Valet Service, Mechanics On Site, Yacht Sales & Charters, Wi-Fi And Ship Store.

FUEL: Diesel ONLY  
HOURS: April 1st thru November 1st, 7am to 5pm Daily.  
PHONE: 201-319-5100  
WEBSITE: [www.lincolnharbormarina.com](http://www.lincolnharbormarina.com)

**CHELSEA PIERS MARINA**  
212-336-7873

Pier 59 23rd St and the Hudson River New York, NY, 10011  
Marina Office: Monday - Sunday 10am-5pm  
Marina Hours: Dockhands on docks 24 hours 7 days a week

Marina Office and Marina Summer Hours are from April 15th – Oct 31st  
Mr. Scott Seisler, General Manager, Email: [Scott.seisler@marinemax.com](mailto:Scott.seisler@marinemax.com)

**JM ENGLEWOOD MARINA**  
(Englewood Cliffs, NJ)

Western Shore, 40°52'46" -73°56'48" - The marina is located 1.6 miles north of the George Washington Bridge.

INFO: Minimum water on approach is 4' with 5' at the dock. Pump Out, Ice, Bait. Visa MasterCard and Discover

accepted.  
FUEL: Valvtech Unleaded gasoline (89 Octane) and Diesel  
HOURS: Open May 1st thru October 15th, 10AM to 5 PM - 7 Days a week.  
PHONE: 201-568-1328  
WEBSITE: <http://www.jmenglewoodmarina.com/>  
Email: [jmenglewoodmarina@gmail.com](mailto:jmenglewoodmarina@gmail.com)  
[jmenglewoodmarina@gmail.com](mailto:jmenglewoodmarina@gmail.com)

**ALPINE BOAT BASIN** (Alpine, NJ)  
LOCATION: Western Shore, 40° 56' 43" -73° 55' 0". The marina is located south of the repositioned green buoy #5.

INFO: Minimum water on approach is 4' with 4' at the dock. Pump Out (\$5.00/use), Ice, Candy & Soda Machines, Engine Oil, 2 cycle Oil, StarTron, Transient Dockage (\$1.00/ft) Visa and Master Card, American Express accepted.

FUEL: Unleaded gasoline (89 Octane)  
Telephone 201768 1360

**LIBERTY HARBOR MARINA & RV Park** (Jersey City, NJ)

LOCATION: Western Shore, 40° 42' 51" -74° 2' 28". Located on the North side of the Morris Canal. PLEASE NOTE, This is right next door to Liberty Landing Marina. You must call before entering the Morris Canal.

INFO: Minimum water on approach is 20' with 20' at the dock. Visa, MasterCard, American Express and Discover are accepted.

FUEL: Unleaded gasoline (89 Octane) and Diesel  
Liberty Harbor Marina & RV Park  
11 Luis Munoz Marin Blvd.  
Jersey City, NJ 07302  
Phone: 800.646.2066

Email: [info@libertyharbormarina.com](mailto:info@libertyharbormarina.com)  
NEW YORK CITY FUEL DOCK

We provide a Jersey City and New York City fuel dock, which includes gas, diesel, motor oils, ice and pump-out for your convenience. Our slip holders even get a 10% discount on all purchases with their saved receipts. Our New York City fuel dock is reliable and dependable for our customers, and we are dedicated to providing you with best quality service possible.

**THE SERIES OF AMERICA CUP  
RACES TITLED THE LOUIS  
VUITTON AMERICAN CUP  
WORLD SERIES IS THE LEADUP  
TO THE FINAL RACE TO BEHELD  
IN 2017 IN BERMUDA.**

## **35th America's Cup**

**Defender:** United States  
**Defender club:** Golden Gate Yacht Club  
**Yacht:** TBD

### **Challenger**

**Challenger club:** TBD (formerly Hamilton Island Yacht Club and Luna Rossa Challenge)

**Yacht:** TBD

**Competition Location:** Great Sound, Hamilton, Bermuda

**Dates:** June 2017

**Rule:** AC50

**Winner:** TBD

**Score:** TBD

Here is some background:

In June 2014, media reported the venue of the 34th America's Cup, San Francisco, was no longer in consideration to host the 35th edition. San Diego, Chicago and Bermuda were listed as being still in the running.

In July 2014, americascup.com reported the candidate venues had been shortlisted to Bermuda and San Diego, with Chicago being dropped from the running.

On 2 December 2014, Bermuda was announced as the host of the 2017 America's Cup. The Premier of Bermuda, Michael Dunkley, welcomed the teams, sponsors, and spectators at a press conference in New York.

The financial package included in the bid by Bermuda is worth approximately \$77 million US Dollars. Dr. Grant Gibbons, Bermuda's Minister for Economic Development, has stated that the America's Cup has a possibility of generating up to a quarter of a billion US Dollars in revenue.

On 1 October 2013, Australia's Hamilton Island Yacht Club was confirmed as the "Challenger of Record" for the 35th

America's Cup, after submitting their paperwork only moments after the win by Oracle Team USA. The HIYC challenge was accepted by the Golden Gate Yacht Club, who was the Defender and Trustee of the America's Cup. Australian businessman Bob Oatley, founder of Rosemount and owner of famed super maxi yacht Wild Oats XI, was confirmed to be the main financial backer of the Hamilton Island Yacht Club challenge.

On 19 July 2014 Russell Coutts, Director of the America's Cup Event Authority (ACEA), announced that the Hamilton Island Yacht club had withdrawn Team Australia from the 35th America's Cup. Team Australia claimed that the entry fee rules agreed to in the official protocol created too much risk due to the uncertainty of the then unknown venue and schedule of the event.

The Challenger of Record Committee (CORC) represents all of the challengers' interests and negotiates with Oracle over mutual concerns. Luna Rossa replaced HIYC as the challenger of record. In April 2015, Luna Rossa withdrew its challenge bid, pulling out of the 2017 America's Cup in protest at rule changes reducing the size of the boats.

# **2017 America's Cup**

**by John H. Vargo,  
Publisher**

The 2017 America's Cup will be the 35th edition of the America's Cup yacht race. It will be held in June 2017 and be contested between the winner of the 2017 Louis Vuitton Cup and Oracle Team USA. It will be Oracle's second defense of the America's Cup, four years after its first successful defense.

On 5 June 2014, it was announced that the regatta will be sailed in 62 feet foiling catamarans, AC62. The entry fee which must be paid by the end of June 2014 was \$3 million. Each challenging team can only build one boat while Oracle Team USA can build two. A nationality rule was agreed to, requiring 25% of the crew to be from the entry's country. This nationality rule had been lifted prior to the 2003 America's Cup. The rules specify the size of each sailor which must average 87.5 kg. The neutral International adjudicating yachting panel has been dropped in favour of a 3-man panel appointed by the defender.

In March 2015, the teams voted to reduce the size of the boats to the 45- to 50-foot range, leading to the withdrawal in protest of Luna Rossa. This in turn led to a joint statement from four teams attacking Team New Zealand,

Team New Zealand is using a SL33 foiling catamaran as a test bed for new ideas in its America's Cup boat. A new style bearing is being used to assist movement in the foil. The America's Cup World Series will be held again in the lead up with at least four events to be held in 2015 and 2016. The AC45 will be used in the series in order to maximize data collection for the AC50. The first AC45 one-design foiling catamaran was launched by Team France on May 7, 2015.

"The America's Cup Race will be in the river but the heart of the action may well be at Liberty Landing Marina where the boats will be assembled, prepared and pampered for the race by highly skilled crews of technicians, trainers and strategists, kind of like the pits at Indy on race day"

The rise in foiling catamarans has encouraged competing teams to enter into technical partnerships with companies specializing in aerospace technologies. Ben Ainslie Racing has allied with Red Bull Advanced Technologies, headed by ten-time Formula 1 World Constructor's Championship car designer Adrian Newey. Oracle Team USA has entered a technical partnership with Airbus. Artemis Racing has allied with high performance engineering giant Cosworth. Luna Rossa Challenge had partnered with Lenovo to analyze and predict race simulations, assisting in the design of their boat.

The America's Cup will be contested by Oracle Team USA, who represent the Golden Gate Yacht Club, and the winner of the 2017 Louis Vuitton Cup.

For the New York races, the prep crews will arrive in late April to prepare the great lawn at Liberty Landing Marina for the arrival of the boats and teams, wood chips will be spread on the lawn before a wood floor is laid down for the containers laden with race equipment. The lawns must be returned to their original pristine condition when they leave. The containers will be laid out two at a time, end to end, on either side of an open space that will be tented between them to form an all weather and private pit area, each of the six teams will have a similar space all enclosed with security fencing totaling about three acres. Around the same time the service department of Liberty Landing Marina will assemble the America's Cup 12 meter photo boat and handle launching of that boat as well as the team tenders and chase boats in the 7 to 11 meter size. There will be dock space provided at Liberty Landing for at least 20 or more support vessels and rumor has it there may even be launching of Hobie Cats to keep all participants happy and sharp.

After the compound is erected the boats will be assembled May 4th and 5th, a 150 ton crane will lift the assembled wing sail to a vertical position and the hulls will be moved under the mast, joined, rigged, and the assembled craft will be hoisted into the water between F and G docks at Liberty Landing Marina. The plan is to launch the race boats May 5th and 6th depending on individual team schedules. Once launched, the race boats will be towed to mooring spaces by their support vessels. The AC45 racing cats will stay moored during the four active days of May 5th to May 8th, unless service is needed, in which case the yachts will be returned to the team pit areas at Liberty Landing Marina in Jersey City.

Race practice is scheduled for Friday May 6th before the two race days of May 7th and 8th, Liberty Landing Suntex Marinas will control the docks at Liberty Landing Marina and at Pier 25 for the support of the America's Cup activities. The TV and Team Tech crews work spaces will be housed at the East end of Liberty State Park near the water's edge where every aspect of the race will be monitored and analyzed for peak performance and best connection to the TV audiences.

While the race boats are on the course, the East side of the Hudson River from Pier 25 to the Battery will be closed except for race activity, the West side of the river will be open to limited traffic, and the Coast Guard and NYPD Harbor Unit should post further information as we get closer to the event.

According to North Cove marina, they will provide an equal number of support slips on the Manhattan side of the river, to facilitate crew travel from the pits to the team and sponsor events at Brookfield Place on shore at the East edge of the marina. They expect up to half a million spectators coming to see the race, the boats and to visit the vendor and team exhibits that will surround the marina basin. There may even be a few previous America's Cup boats on hand for the festivities. Hope we've given you some clues as to where you can find some of the behind the scenes action to enhance your race experience, the whole week should be a very interesting look into America's Cup racing right here in our own backyard. Hooray for the Hudson and as always, have a happy, healthy and safe boating season.

## **Where The Real Action Happens**

**by Jeff Sublett**

We celebrate the race boats and crews for the excitement they generate during the race, but as much, or more action takes place in the pit areas keeping these super high tech boats in prime racing condition as well as all the logistical support required as they move from race to race. Like all forms of organized racing, Formula One, NASCAR, INDY, it takes weeks and weeks of preparation by hundreds of people, and furious stressful work in the pits before and during the race to make the competition possible. We are thinking of the mechanics, engineers, strategists, trainers, drivers, support crews, local Law Enforcement and crews like those at Liberty Landing Marina without whom there would be no race. It all depends on each of these people doing their jobs in a timely, professional, and coordinated manner so the rest of us can enjoy the race. We, at Boating on the Hudson want to thank them, they probably don't hear it often enough.