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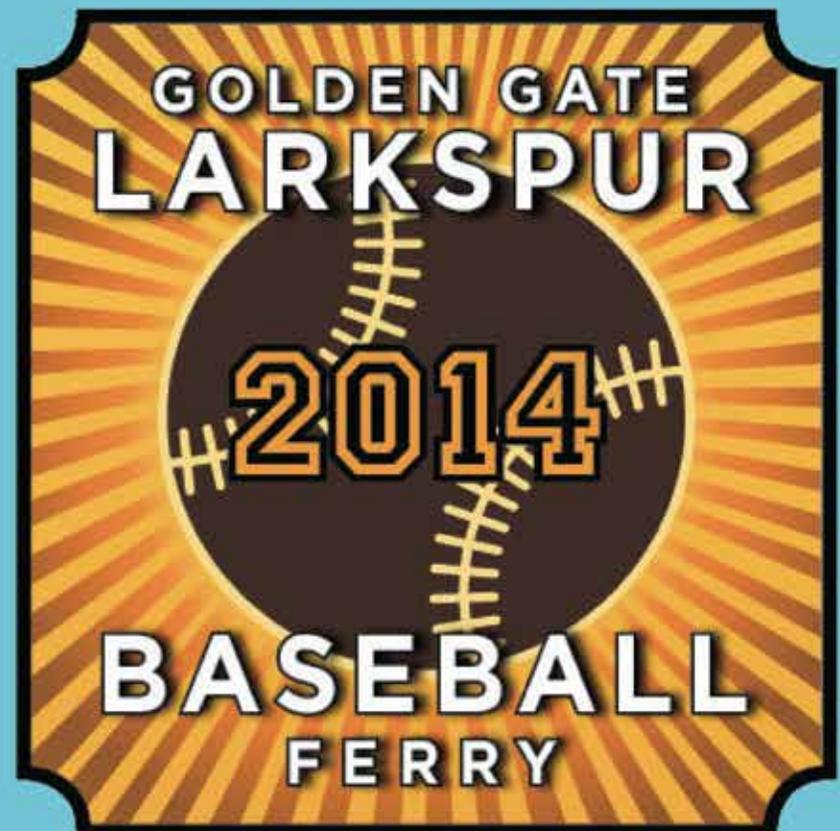
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BAYCROSSINGS

September 2014 Volume 15, Number 9

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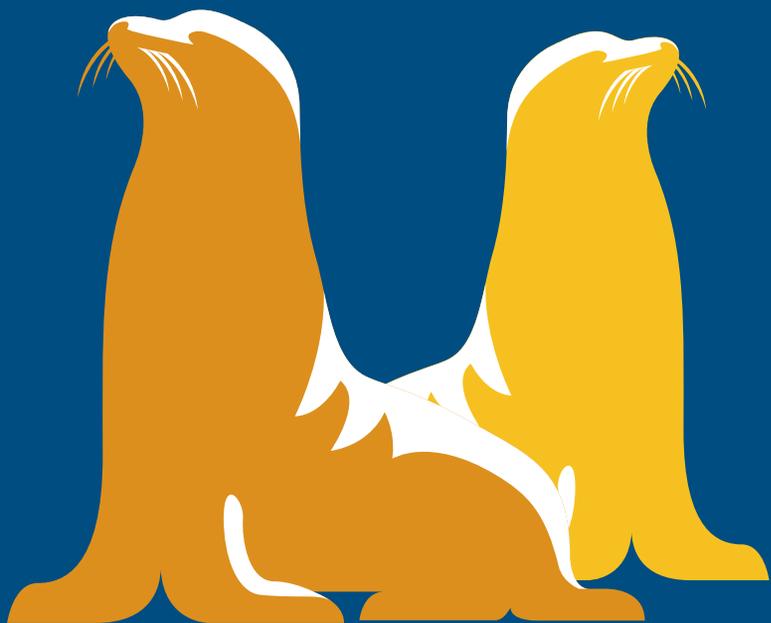
For much of his 35-plus year career, Brian Baird made waves in policy circles: first at the California Coastal Commission, then as the assistant secretary for Ocean and Coastal Policy at the California Natural Resources Agency. But a couple of years ago, he started chapter two of his life, leaving the governmental realm and joining the nonprofit Bay Institute. His mission is to educate the public about the richness and fragility of San Francisco Bay, the adjacent Pacific Ocean and marine environments in general. Photo by Kingmond Young Photography.

Corrections & Letters

We appreciate the opportunity to publish our readers' comments, letters or requests for corrections, which can be sent to joel@baycrossings.com.

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Matson Reports Solid Quarter

BY PATRICK BURNSON

Matson reported another solid quarter, benefitting from higher freight yields in transpacific trade lanes, improved lift volumes at their terminals and continuing improvements in logistics.

However, Matson's President and Chief Executive Officer Matt Cox said these benefits were offset by lower Hawaii container volume, increased vessel operating expenses stemming from vessel relief activities and increased terminal handling expenses.

"Our operating platform continues to generate significant cash flow that positions us well to fund our fleet renewal program, undertake new growth opportunities and grow our dividend incrementally," said Cox. "As we look to the balance of 2014, we expect overall results to exceed the results achieved in the second half of 2013."

In the second half of 2014, Matson expects ocean transportation operating income to increase significantly from the level achieved in the second half of 2013, which was \$51.4 million (exclusive of a \$9.95 million litigation charge). For the full year 2014, ocean transportation operating income is expected to be near or slightly above the level achieved in 2013, which was \$104.3 million (exclusive of

the \$9.95 million litigation charge). This outlook excludes any future impact from the September 2013 molasses incident.

Transpacific Carriers Propose Rate Increase

Member container shipping lines in the Transpacific Stabilization Agreement (TSA) are proposing an across-the board general rate increase (GRI) of at least \$600 per 40-

foot container (FEU) to all destinations, effective September 1. Carriers had filed increases in their individual tariffs in late July and subsequently began notifying customers directly.

TSA lines said the planned GRI follows strong cargo demand and high vessel utilization levels in recent months, which forward bookings suggest will continue through September. With equipment, inland transport and other cargo handling costs rising steadily, carriers see higher baseline rates going into 2015 as essential to maintaining adequate service levels over time.

"Lines have made modest revenue gains to date this year, but they continue to struggle in terms of returning to profitability," said TSA Executive Administrator Brian Conrad. "In most route segments they are operating at or near full capacity with little room for error in managing assets, so this increase is needed as a cushion to cover costs and assure service choice and reliability."

financial commitment toward the weekly operation of the project.

PTA's Steamship Night Coming September 18

The Pacific Transportation Association's Annual Steamship Night will be held on Thursday, September 18 at the San Francisco Marriott Marquis. Now in its 35th year, this gathering has long been considered the networking event of the year for the Bay Area's trade and transportation industry. Sponsorships will help fund the PTA's newly established scholarship for outstanding cadets at the California Maritime Academy—one of only six maritime academies in the country and the only such institution on the West Coast.

Dispute over Israeli-Owned Vessel in Oakland

Political activists convened at the Port of Oakland last month to prevent the discharge of cargo from the Zim Integrated Shipping Services ship *Piraeus*, because they view the ship as a representative of Israeli actions in the current Gaza Strip conflict. Although the vessel does not serve ports in the Middle East, Zim is an Israeli shipping firm and as such became a target of the protests.

Meanwhile, San Francisco-based BSR recently applauded the strides made by Zim in reducing its SO_x emissions. BSR's "Clean Cargo Working Group" noted that Zim only joined the group last year, and was ranked fourth (out of 22 container carriers) in the 2013 lowest-average emissions performance.

Zim was ranked first on SO_x average emissions, with the lowest emissions of 22 carriers; fourth on CO₂ emissions for reefer containers; and fifth on lowest average CO₂ emissions for dry containers.

Patrick Burnson is the past president and current board member of the Pacific Transportation Association, based in San Francisco.
www.pacifictrans.org

"As we look to the balance of 2014, we expect overall results to exceed the results achieved in the second half of 2013."

Matt Cox — Matson President and CEO

Port of Stockton to Reduce Marine Highway Service

On September 1, the Port of Stockton transitioned the M-580 Marine Highway demonstration project from a weekly service to an "as-needed" service. The M-580, which has been in operation as a demonstration project for the last 14 months, is a viable alternative to trucking containers to and from the Central Valley and the Bay Area.

"This project has demonstrated tremendous air quality benefits, reducing air emissions by 80 percent and eliminating nearly 25,000 truck trips, making highways safer," stated Port of Stockton Director Richard Aschieris. "The M-580 has significantly reduced associated maintenance costs as well. However, challenges remain as the Port of Stockton is the only operating underwriter of this regional project. During this initial period, we learned that the time it takes to build sustainable volumes was longer than anticipated."

During the past several months, the port met with numerous state and federal agencies to identify possible financial partners to assist in keeping the current level of service viable and thus continue to see the significant emission reductions and associated health benefits. As of today, no state or federal agency has made a

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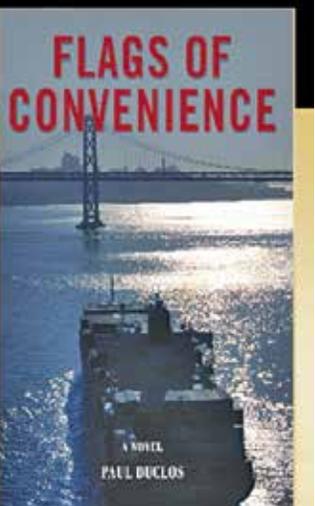
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Photos by Gilles Martin-Raget, Sander van der Borch and Nigel Marple

Six Teams to Race in 35th America's Cup

Although San Francisco will not be hosting the America's Cup in 2017, the Bay Area will most likely host one of the America's Cup World Series events that lead up to the final event. *Bay Crossings* will therefore continue its coverage of sailing's premier sporting event.

"It's exciting to look at the roster of teams who are lining up against us," said Jimmy Spithill, skipper of Oracle Team USA, the team that won the last two America's Cup races. "We're facing five strong challengers who have a lot of resources, talent and experience."

"But our team is very competitive. We love challenges—the bigger, the better. It's very easy to get motivated when you see what we're going to be facing."

The 35th America's Cup begins in 2015 and 2016 with the America's Cup World Series, raced in venues around the world. These events feed into the main events in 2017, which will narrow the field to just two: the top challenger and the defender, Oracle Team USA, who will then face each other in the America's Cup.

Teams will be given the opportunity to host America's Cup World Series events at a venue of their choosing, while the final venue for the 35th America's Cup will be either Bermuda or San Diego—with the selection to be made before the end of the year. Under the rules of the event, late entries may be accepted at the discretion of the America's Cup organizers.

Quotes from the challenging teams:
Iain Percy, Artemis Racing: "We are not only in this competition to win the 35th America's Cup, but to dominate the America's Cup arena for the next decade. I'm also

passionate that Artemis Racing is about more than simply winning; it's about producing a legacy and winning in a certain way."

Ben Ainslie, Ben Ainslie Racing: "We are delighted that Royal Yacht Squadron Racing's challenge for the 35th America's Cup has been officially accepted. The America's Cup originates from the Squadron and it is our goal to return the cup to where it belongs."

Dean Barker, Emirates Team New Zealand: "New Zealand has a long and proud history in the America's Cup. We see some formidable opposition taking shape in the 35th America's Cup and we have no illusions about the job ahead. We have been working quietly behind the scenes towards this day almost since the last day of the 34th America's Cup. Now the real work begins."

Max Sirena, Luna Rossa Challenge: "This is Luna Rossa's fifth challenge to the America's Cup, a historic record. Not only does it underline the attachment of our team to the America's Cup, but it also shows our determination to bring the cup to Italy. This edition will be very competitive and our team has already been preparing for several months now in view of a challenge that promises to be spectacular and exciting right from its preliminary events, the America's Cup World Series, that will take place next year."

Franck Cammas, Team France: "Team France is very proud to be a challenger for the 35th America's Cup. We are taking the first step of a journey that we know will be very difficult. With Olivier de Kersauson, Michel Desjoyeaux and our team, we

are determined to represent France at the highest level from a sporting and technological point of view. I thank all of our partners and supporters, as without them, we would not even see the beginning of our journey, much less the road ahead."

The teams for the 35th America's Cup will be introduced at a press conference in London, England on September 9.

Pictured above: 35th America's Cup six skippers, left to right: James Spithill (Oracle Team USA); Iain Percy (Artemis Racing); Dean Barker (Emirates Team New Zealand); Max Sirena (Luna Rossa Challenge); Franck Cammas (Team France); Ben Ainslie (British Challenge).



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Engineer Christian Stark

BY MATT LARSON

Director of Engineering and Maintenance Christian Stark has been one of the principal voices behind the positive changes and improvements across the Golden Gate Ferry fleet over the last seven years.

Stark oversees the maintenance management, the mechanics, the engineering, the drydockings, the refurbishments, all of the major projects and more for all the ferries operated by the Golden Gate Bridge, Highway & Transportation District. "It's been an exciting time to be here," he said. "We've been doing a lot of work on the ferry system."

The most noticeable changes for commuters have been the major upgrades to the Golden Gate Ferry boats themselves since the refurbishment of the *Marin* in 2006—and there are even more to come. "We've been going through a program of recapitalizing on all of our assets," said Stark. "I started in 2007 with the repowering of the *Mendocino*, putting all brand-new engines in it." After that, Golden Gate repowered and installed new water jets on the *Del Norte*, completely took apart and refurbished

the *Napa* and *Golden Gate*, and is now refurbishing the *San Francisco*.

"The plan of the future is we're getting ready to hopefully do the *Sonoma*, after that repower the *Marin*," Stark said. "Once we get done with that, which should be about two and a half years from now, we'll have repowered and refurbished every single boat in the fleet."

With so much responsibility, the job can certainly be stressful, but Stark enjoys being so involved. "As far as rebuilding the ferry division, being able to have my input and make some rather significant refurbishments on the boats—it's very nice to be involved in that process." However, Stark looks forward to the day it's all done. "That'll be nice," he said. "We've got a couple more years to go, so by the end of that it'll be nice to have a break and just focus on maintenance and operations for a little while."

The biggest challenge for Stark? "Just trying to keep the operation running in addition to all of our day-to-day maintenance, to keep everything operating smoothly while we're undertaking all these large projects," he said. "We're trying to be as efficient as we can. We've got 10 full-time mechanics, we operate maintenance here pretty much 24 hours a day, 7 days a week." Stark wants to let riders know that they have a team of talented individuals



Photo by Elvira Stark

As the director of engineering and maintenance at the Golden Gate Bridge, Highway and Transportation District, Christian Stark is responsible for maintenance management, the mechanics, the engineering, the drydockings, the refurbishments, all of the major projects and more for all the ferries operated by the District.

making their daily commuting routine as smooth as humanly possible.

"Our biggest concern is to keep the boats running and make sure everyone gets to where they're supposed to be all the time," Stark said. Stark explained that Golden Gate operates four-engine catamarans instead of two-engine catamarans in order to provide reliable redundancy: The four engines run simultaneously but not at full throttle, so if one of the engines malfunctions, the crew can crank up to full throttle on three engines and still meet the schedule.

"So if there's a problem no one has to know and it doesn't impact ridership at all," Stark explained. "That's the goal. Four engines take a little more effort and maintenance on our part—we've got twice as much equipment packed into

the same-size engine room that other people have, which makes it a harder boat to maintain. But it works out in the end. If we have a problem, we can keep running and fix an issue on a calm, well-thought-out basis instead of an emergency reaction."

Living in San Rafael, Stark believes that riding the ferry is indeed the best way to travel in the Bay. "I'm obviously biased—I've worked in the ferry industry since high school—but it's definitely the most relaxing, stress-free way to get between here and the City." And despite their excellent service, Stark and his crew are constantly looking for new ways to improve. "We're always open to feedback to something you think we're not doing well," he said. "We're striving to do the best we can."



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The NRG Solar Terrace at Levi's Stadium, which sits atop the stadium's suite tower, is planted with dozens of species of native vegetation. The terrace will help significantly reduce heating and cooling costs for the tower below.

Levi's Stadium Already an Environmental Champion

BY BILL PICTURE

The same competitive spirit that 49ers fans are counting on to drive the team to its next championship also inspired the team responsible for the design, construction and operation of the just-opened Levi's Stadium in Santa Clara to find innovative ways to out-green the competition.

"Anything less than [Leadership in Energy and Environmental Design Gold Status] wasn't an option," said Levi's Stadium Director of Business Operations Morrie Eisenberg. "When I arrived, the

attitude was, 'Not only are we going to achieve LEED Gold, but we are going to achieve it before we even open.' What can I say? We're overachievers. From the very beginning, we set out to overshoot the bar."

And overshoot it they did, scoring 41 points when only 39 were needed to nab the facility a gold rating.

Location, location, location

Levi's Stadium boasts an impressive array of green elements that have already raised the bar for sustainable stadium design. Easy accessibility for pedestrians, bicyclists and transit-riders may not be the

sexiest of the stadium's green features, but it's definitely an important one—as any 49ers fan who has sat in traffic getting to and from Candlestick Park will attest.

"The best thing we could do is provide fans with options," Eisenberg said. And to that end, the 1.85 million square-foot stadium is easily accessible via Santa Clara Valley Transportation Authority (VTA) light rail and bus lines, Altamont Corridor Express (ACE) and Capitol Corridor trains, and CalTrain (via a VTA light rail connection in Mountain View). Fans living or working nearby also have the option of walking to the stadium using the San Tomas Aquino Creek Trail, a feeder trail to the

San Francisco Bay Trail.

The stadium's seating capacity of 68,500 fans could mean a lot of vehicles on the road. But by offering fans alternatives to driving to a game, 49ers management hopes to significantly reduce emissions, as well as lessen game-related traffic congestion in the area and the road rage that goes with it.

Many of the stadium's other green attributes, while not immediately apparent, are remarkable. Forty percent of the materials used in the construction of the stadium were recycled or reused, and 75 percent of the construction waste was diverted from landfills. Reclaimed water will also be used to irrigate the



playing field. While these things won't be apparent to most people walking into the stadium, Eisenberg believes that Bay Area football fans demand every effort possible be made to ensure their game-going experience—like the rest of their lives—reflects their eco-minded values.

“I can't speak to what's important to football fans in other parts of the country, but this is the Bay Area,” he said. “Living and working green is a part of our culture here, and everyone feels a responsibility to do their part. Sustainability is important to our fans, and it's important to us.”

The icing on the green cake

What will be obvious to the fans filing into the stadium are the special features that architecture firm HNTB dreamed up just for this project—the extras, you might say.

“A lot of the time, you're trying to find ways to be more sustainable without impairing the fan experience,” Eisenberg said. “But these particular features actually enhance that experience.”

For starters, the roofs of the three pedestrian bridges that game-goers will use to access the stadium from the main parking area are topped with solar panels from NRG Solar. In addition to providing shade, these panels—along with additional panels atop the suite tower—are expected help the stadium generate enough clean electricity in a year to power all 10 of the 49ers' scheduled home games.

“And fans can track that energy and water use on a live dashboard installed between the 49ers museum and the team store,” Eisenberg said. “They can see the building at work, and we think they'll appreciate learning about what we're doing to help the environment while providing them with a really awesome game day experience.”

The *pièce de résistance*, however, is the 27,000-square-foot green roof. Planted with 16 different varieties of native vegetation, the roof garden, in addition to being the stadium's most recognizable feature, will drastically lower heating and cooling needs for the suite tower below, not to mention lend a dash of zen to



Levi's Stadium, new home of the San Francisco 49ers, boasts a Leadership in Energy and Environmental Design (LEED) Gold rating, making it a bar-setter for stadium-design moving forward. Sustainable measures were incorporated into every aspect of the building's design, construction and operation.

a rowdy game day. “We really tried to think of everything, and do anything and everything we could in terms of sustainability,” Eisenberg said. “We had a clean sheet of paper to start with, so why not go crazy?”

“And we applied that thinking all the way down to how we purchase our consumables,” Eisenberg continued. “Every effort is being made to buy local

and organic. That even goes for the wines that we're serving. I mean it, we really tried to do it all.”

Eisenberg stops short of predicting that green stadiums like the 49ers' will eventually be the norm, but he does believe that the desire to live, work and play green is growing. “I think this stadium design mimics what our fans want,” he said. “And I think that

more and more people in general are recognizing that these efforts aren't just nice gestures; they're necessary. So I'm inclined to think that everything will move in this direction.”

Images provided by Santa Clara Stadium Authority



The solar panels on the NRG Solar Terrace will help Levi's Stadium produce enough clean energy to power all of the 2014-2015 season home games. The pedestrian bridges that fans will use to access the stadium from parking areas are also outfitted with solar panels.

Delta Water Tunnels Would Do Far More Harm Than Good

BY DEB SELF

The proposed 35-mile tunnels to carry fresh water from the northern end of the Sacramento-San Joaquin Delta to pumps on the southern end would harm San Francisco Bay. This \$25 billion project would also devastate the Delta ecosystem and wipe out California's salmon fishery.

Two major rivers, the Sacramento and the San Joaquin, flow into the Delta. The Delta, in turn, provides a vital source of fresh water that flows into San Francisco Bay, keeping the Bay's mix of salt and fresh water at the right level for fish and

other wildlife. The Delta also supplies fresh water to cities and farms.

However, demand for water far outstrips the available supply. Unsustainable amounts of fresh water are already being taken out of the Delta, pushing its fragile and overtaxed ecosystem to the verge of collapse. The tunnels would steal massive amounts of more fresh water and send it to southern California cities and Central Valley agriculture.

Baykeeper and dozens of other environmental groups have opposed the Delta tunnels and similar attempts over the decades to rob the Delta of fresh water. The biggest problem is that taking out more fresh water through the tunnels would draw the Bay's saltier water into the

northern Delta. In addition, with less water flowing through the Delta, its channels would be shallower and slower-moving, so the water would also be much warmer. Under these conditions, according to the Golden Gate Salmon Association, salmon would not be able to spawn. As a result, California's commercial and sport salmon fishery could be wiped out, along with the estimated \$1.5 billion in economic activity it generates each year. Many other fish species would decline in numbers and some would be unable to survive at all, according to the Bay Institute.

Currently, fresh water for cities and agriculture is pumped out of the southern Delta. Tunnel supporters claim that routing more fresh water through the tunnels to the southern Delta will reduce the high number of fish that are now killed by the southern Delta pumps. However, the Bay Institute points out that the pumps would still be operating, and the tunnels themselves would cause as much or more harm to fish.

While the tunnel proposal includes funds for restoring tidal marshes in the Delta and along part of the Sacramento River, the environmental damage caused by the project would far outweigh the benefits. According to the best available science, the Delta and its wildlife would continue to deteriorate if California water agencies remove more fresh water, and without sufficient fresh water, the tidal marsh restorations would fail.

Downstream from the Delta, the tunnels would directly harm San Francisco Bay by changing the Bay's salt levels. Removing so much fresh water would also remove water-borne sediment that would

have flowed downstream to nourish the Bay's wetlands. The wetlands filter out pollution, provide vital wildlife habitat and help protect the shoreline from sea level rise caused by global climate change. The tunnel project could make efforts to restore wetlands around the Bay more difficult. And without adequate sediment to help marshes grow and migrate as sea levels rise, existing Bay wetlands could disappear.

The \$7.5 billion water bond slated for the November election has been described as "tunnel neutral," despite some funds that could be applied to the proposed tunnel project. In polls, the California public has shown a staunch opposition to the building of destructive water tunnels to siphon off the Delta's fresh water. The public should stay alert for opportunities to weigh in again.

There are far better solutions to California's chronic water shortage. Certainly, we should all be mindful of our own water use and our cities should fix their aging networks of leaky water supply pipes. But with agriculture using more than 80 percent of California's water, new agricultural water conservation measures would make the biggest difference, according to the Pacific Institute. In its 2008 study of Delta water use, the nonprofit found that changes to irrigation management would free up millions of acre-feet of water every year, without harming the agriculture sector economically. To save the Delta and protect the health of San Francisco Bay, California needs to forget about taking more fresh water out of the Delta. As we face the challenge of climate change, let's focus instead on water conservation.



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Deb Self is Executive Director of San Francisco Baykeeper, www.baykeeper.org. Baykeeper uses on-the-water patrols of San Francisco Bay, science, advocacy, and the courts to stop Bay pollution. To report pollution, call Baykeeper's hotline at 1-800-KEEP-BAY, e-mail hotline@baykeeper.org, or click "Report Pollution" at www.baykeeper.org.



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Ocean expert Brian Baird gazes at sharks cruising through the Aquarium of the Bay's crystal clear acrylic tunnel tanks that simulate the experience of being underwater.

BY BRENDA KAHN

You could call him Mr. Ocean, or these days, Mr. Ocean and Bay. He's Brian Baird, the coast and oceans expert for the Bay Institute and Aquarium of the Bay in San Francisco, and he has devoted his professional life to protecting and promoting the health of marine environments.

For much of his 35-plus year career, Baird made waves in policy circles — first as a legislative liaison and deputy manager of ocean and coastal resources at the California Coastal Commission, then as the assistant secretary for Ocean and Coastal Policy at the California Natural Resources Agency. But a couple of years ago, he started chapter two of his life, leaving the governmental realm and joining the nonprofit Bay Institute just in time for the lead-up to the 34th America's

Cup. His mission was to use the high-profile international sporting event to educate the public about the richness and fragility of San Francisco Bay, the adjacent Pacific Ocean and marine environments in general.

“The Bay Institute and Aquarium have a mission to protect San Francisco Bay from the Sierra to the sea. They've had a highly successful Rivers and Delta Program, and an equally successful Bay Restoration Program, but did not really address the Bay/ocean interface,” Baird said. “I started the Coast and Ocean Program to address the health and productivity of the waters in the Bay, coast and ocean, and how they all interconnect.”

Just as you would expect of someone who lives and breathes the life aquatic, Baird commutes to the city from his home in Marin via ferry. It's easy to spot Baird as he makes his way to and from the San Francisco Ferry Building. He's

the fit-looking, 6-foot-tall middle-aged guy in the sport coat and jeans piloting a push scooter with his computer in his backpack, his still-healthy crop of light-brown hair tousled by the wind as he steers his way along the Embarcadero.

On his days off, Baird is likely to be in the Bay kayaking, or getting his fix of marine air on one of his regular runs or bike rides along places like the Golden Gate Bridge, or the network of coastal and Bay-front trails near his home in Marin. Having spent a good chunk of his childhood living in Corona del Mar in Southern California and then attending college as an environmental studies major at U.C. Santa Barbara, Baird still has some surfing in his DNA — to the point where he makes an annual pilgrimage to Southern California for a reunion with his high school and college surfing buddies.

Baird's transition from the bureaucracy of Sacramento to the world of environmental NGOs has brought a

nice perk for someone so ocean-obsessed: His office sits above the cruise-ship terminal at Pier 35, a classic waterfront building just down the street from the Bay Institute's sister organization, Aquarium of the Bay, which is housed at Pier 39. Not only is he by his beloved Bay, but he can also head over to the Aquarium and simulate a swim with the fishes whenever he wants by strolling through the facility's crystal clear acrylic tunnels — which are filled with sharks, bat rays and thousands of San Francisco Bay's most fascinating inhabitants.

From this inspiring environment has flowed a wealth of creative ideas for getting the public to care about oceans and the Bay. As part of the America's Cup Healthy Ocean Project, Baird spearheaded the messaging for educational panels that were on display at key race venues along the San Francisco waterfront. Baird also teamed up with Jill McCarthy — his counterpart at America's Cup — to draft

and circulate internationally the Marine Protected Area Pledge, which called for support of marine protected areas and the expansion of the National Marine Sanctuary waters just offshore from the Golden Gate Bridge and northward along the coast. The effort collected nearly 2,000 endorsements from people across 22 states and 33 countries.

Throughout the race series, Baird supported the America's Cup Healthy Ocean Project and the Sea Scavenger organization in their efforts to arrange and publicize two dozen shoreline cleanups. With trash-collecting America's Cup crew members often serving as bait to attract participants, the effort engaged 1,100 volunteers who together picked up 20,000 pounds of trash. Baird also has advanced Aquarium of the Bay's ongoing effort to promote sustainable seafood in the Bay Area. Not only was all food served at the America's Cup events sustainable, but the Aquarium and America's Cup worked with San Francisco organizations such as the Golden Gate Restaurant

Association, the OpenTable online restaurant reservation system and The Monterey Bay Aquarium Seafood Watch Program® to encourage Bay Area restaurants to mark sustainable seafood choices on their menus.

The crowning piece of Baird's outreach campaign is an ocean-themed Film & Lecture Series that he launched in 2012 and that has featured over 30 events. The Film & Lecture Series lives on, and has been drawing sell-out crowds to Aquarium of the Bay's theater at Pier 39, and to a satellite venue — the U.S. Army Corps of Engineers' Bay Model in Sausalito.

"We have a following now — we've got these dedicated people who come to every lecture," Baird said. "We have covered marine protected areas, fisheries, water quality, climate change, shipwrecks and other marine archaeological finds, ocean research, women in ocean science, ocean myths, marine trash, shoreline erosion, Bay and ocean bathymetry — meaning what the bottom looks like — status of whale populations, and several book releases."

A recent talk falls into this latter category of book releases. It featured Wallace J. Nichols, a marine biologist and researcher at the California Academy of Sciences who has written the ground-breaking *Blue Mind: The Surprising Science That Shows How Being Near, In, On, or Under Water Can Make You Happier, Healthier, More Connected, and Better at What You Do*. A standing-room-only crowd hung on every word of this surfer-scientist.

A few of the speakers have rock star status, such as Jean-Michel Cousteau, son of famed ocean explorer Jacques Cousteau and an ocean explorer and conservationist in his own right. Dr. Sylvia



Photo by Kingmond Young Photography

Baird initiated the popular Ocean Film & Lecture Series, bringing to the Aquarium of the Bay in San Francisco and the Bay Model in Marin many renowned coast/ocean experts.



Photo by Kingmond Young Photography

Brian Baird commutes to work via ferry and uses his scooter to get from the Ferry Building to his office near Pier 39.

Earle, explorer in residence at National Geographic, and *Time* Magazine's first "Hero for the Planet," has appeared several times. British adventurer Roz Savage — billed as the first woman ever to row solo across three oceans — spoke on her book *Stop Drifting, Start Rowing: One Woman's Search for Happiness and Meaning Alone on the Pacific*.

The Film & Lecture Series also has been the scene of at least one Bay Area film premiere — a rough cut of *Pelican Dreams* by award-winning local documentary filmmaker Judy Irving.

While the America's Cup is now receding in our collective memory, Baird continues in his role with the Bay Institute as an ambassador for all things blue, wet and wild, and the creatures that call the Bay and the ocean home.

"We live in the Bay Area alongside the largest estuary on the West Coast of North America and the spectacular coast and ocean waters just off the Golden Gate. We also live in proximity to two National Marine Sanctuaries that remain largely unexplored," Baird says in a mission statement he recently crafted for his program. "I want to bring together experts to identify what we know and what we don't about the Bay, coast and ocean and help us determine our next moves to protect key environmental assets in this region, and the economy they support."

To find out about future events in the Bay Institute's Film & Lecture Series, stay tuned to: www.bay.org/home/feature-boxes/film-and-lecture-series

Events coming up in September include:

Saturday, September 13

10 a.m. — "Beneath the Sea — an Explorer's Journey: 17 Days on the Bottom of the Ocean," with Kip Evans, noted ocean explorer, photographer and conservationist. Aquarium of the Bay Theater, Pier 39, San Francisco

Thursday, September 18

5:30 p.m. Reception, 6:30 p.m. Program — "Plastic Planet — New Research and Solutions for the Ocean Trash Problem." Celebrating the 30-year anniversary of California Coastal Cleanup Day. Featuring 5Gyres and the SeaDoc Society. Aquarium of the Bay Theater, Pier 39, San Francisco

Most events cost \$10 and include refreshments.



IT CAME FROM
BENEATH THE SEA

It's Time to Clean Up Our Act

BY BRITTANY SILVEIRA

This year marks the 30th anniversary of the state's biggest volunteer event, California Coastal Cleanup Day. More than just picking up trash, this event offers a chance for Californians to unite and express their respect for clean water and healthy marine life. In 2013, over 58,000 volunteers removed almost 750,000 pounds of trash and recyclables from California's coasts. This year, on September 20, volunteers will come together again from all over the state to help preserve our beaches.

Marine debris can be harmful or fatal to wildlife, and can also become a human health hazard. The majority of trash items found in the ocean are plastics that come from land. Trash travels via wind, rainwater or rivers and ends up on the coast. From there it enters the ocean, and when it does, animals can become entangled in it or ingest it. For example, sea turtles often mistake plastic bags for jellyfish, and when turtles eat plastic bags, they may die from choking or starvation. Animals also become fatally entangled in items like fishing line.

Coastal debris harms humans as well. Nails, glass and syringes found on the beach can cause physical harm to



Photo courtesy of Aquarium of the Bay

California Coastal Cleanup Day on September 20 is the state's biggest volunteer event, with over 58,000 people participating last year.

those who visit. Additionally, trash in our waterways increases the amount of pathogens and chemicals in our water. Plastic residue may also find its way into the food supply through marine life that eats plastic items and then is consumed by humans as food. Beach cleanups are our last line of defense to prevent further harm to ourselves, our oceans and marine life.

For over 10 years, Aquarium of the Bay has contributed to Coastal Cleanup Day by hosting a cleanup at Aquatic Park near Fisherman's Wharf. In addition to cleaning up the shoreline, Aquarium of the Bay divers take it one step further and go underwater to remove trash that has settled in the Bay. Some of the items found by our divers can even be found in the Aquarium's Trash Talk exhibit, which shows visitors what happens to our trash that ends up in the Bay.

If you're interested in getting involved this year, join Aquarium of the Bay at Aquatic Park near Fisherman's Wharf. Together we can stop trash before it enters or re-enters the ocean, and we can live with a cleaner, healthier ecosystem. To find out more about

how you can participate, visit www.aquariumofthebay.org.

Below are the top 13 trash "species" on our coast and shorelines:

- Cigarette butts
- Plastic bags
- Fishing gear
- Plastic utensils and straws
- Styrofoam food containers and cups
- Metal bottle caps
- Aluminum cans
- Pieces of rubber tires
- Plastic water bottles
- Gum
- Six-pack ring holders
- Glass bottles
- Coffee cup lids and stoppers



Photo courtesy of Aquarium of the Bay

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www.baykeeper.org

Brittany Silveira is a University of San Francisco student currently studying communications and interning with Aquarium of the Bay.

BayMobile Brings the Bay Straight to Schools

BY GEORGIA LAMBERT

Thousands of students will be seeing stars—sea stars, that is—in Bay Area classrooms this school year. It's all thanks to a visit from the BayMobile, a traveling aquarium that brings sea creatures and a team of talented educators from San Francisco's Aquarium of the Bay straight to schools free of charge. The BayMobile launched in March 2014 with a \$300,632 grant from the Metropolitan Transportation Commission (MTC) and the Bay Area Air Quality Management District's Spare the Air Youth grant program.

With the help of the BayMobile's built-in lab, staff members teach students about the science of climate change and introduce them to some of the Bay's animal ambassadors, including sea cucumbers, pond turtles, sea hares and terrestrial snakes. The modified 18-foot-long van, wrapped in an aquamarine hue and decorated with various ocean creatures, is fitted with compartments for transporting science supplies and a portable touch-tank modeled on native

tide-pool ecosystems. About half of the supplies go into the classroom with the teachers, with the other half set up beside the BayMobile for students to visit.

Last spring, approximately 4,500 students participated in BayMobile classroom lessons, and so far this summer the BayMobile has visited libraries and the EcoCenter in Heron's Head Park near Bayview-Hunters Point in San Francisco, the Bay Model of Sausalito, and various summer camps and summer school classes, reaching another 1,000 students and campers.

Field trips may be educational and fun, but transportation costs, time constraints and logistics often pose barriers for school groups, and Aquarium of the Bay receives more field trip requests than it can accommodate. The BayMobile fills that gap. Aquarium program staff designed a set of eight lesson plans targeted to specific age groups from K-12 to take on the road to school sites. All courses meet the National Education Association's Science, Technology, Engineering and Mathematics (STEM) teacher training program requirements and Next Generation Science Standards (based on the *Framework for K-12*



Photo by Erin Chalk

Students work with ball-and-stick-style molecular models during a BayMobile demonstration.



Photo by Carrie Chen

Blair Bazarich (left) and Kelsey Martens lead a discussion about what humans can do to alleviate climate change.

Science Education developed by the National Research Council). While visitors to the Aquarium's home on the San Francisco waterfront can watch scientific demonstrations by resident naturalists, the BayMobile educators go the extra mile, allowing students to perform their own experiments tailored to grade level.

Each of the lessons is hands-on. Kindergarteners and first-graders get to observe how humans have affected the balance of natural cycles on Earth and explore through play how new innovations (such as solar power and other alternative energy options) can help to return balance to our environment. Older elementary school kids explore the complex food web and observe changing chemistry in an ocean-like environment, with middle-schoolers diving right into ocean chemistry, using multimedia and ball-and-stick-style molecular models. High school students collect data to explore the chemistry behind ocean acidification, build real-life models of the greenhouse effect, and interactively resolve what humans can do to make a positive difference.

Blair Bazarich, K-12 outreach coordinator, said each lesson culminates with a discussion of what steps students can take to address climate change, with an emphasis on making cleaner transportation choices. Students are challenged to experiment with one new climate-healthy behavior—such as carpooling, composting or biking to school—for a month.

"We're so excited to kick off the first full year of BayMobile programs," said Bazarich. "As a nonprofit, Aquarium of the Bay is extremely thankful for MTC's generous contribution to this project, which allows us to offer free BayMobile trips to schools throughout all nine Bay Area counties. This year, we're hoping to spread climate science and conservation to over 13,000 students—nearly doubling



Photo by Kelsey Martens

Blair Bazarich, K-12 outreach coordinator, with the BayMobile touch-tank and van.

our usual reach from within the Aquarium walls. We can't wait to start 'Bringing the Bay Your Way!'"

Educators at schools in all nine Bay Area counties (Alameda, Contra Costa, Marin, Napa, San Francisco, San Mateo, Santa Clara, Solano and Sonoma) can schedule a visit from the BayMobile. Classes last 60 minutes and are suitable for 15-35 students. Three to four classes per school visit can be reserved, but all classes on a given date must select the same program. For further information and reservation requirements, visit aquariumofthebay.org/baymobile or send an email to baymobile@bay.org.

Outside Lands Celebrates Another Green Year

BC STAFF REPORT

Mayor Ed Lee and San Francisco officials commended the recently-concluded Outside Lands festival's efforts to ensure sustainability, park beautification and to support green jobs. As has been the case for seven years now, the festival transformed Golden Gate Park for one weekend in August into a miniature city of its own, serving as a mecca for lovers of music, art and food. With a strong focus on the environment, the festival aims to operate as sustainably as San Francisco itself.

"The Outside Lands Music and Arts Festival shows that San Francisco can host world class events while protecting our environment," said Mayor Ed Lee. "Working closely with Another Planet Entertainment, we are making sure that the Outside Lands event is a sustainable one that supports green jobs, respects

our neighborhoods and is an event that reflects our City values."

Each year, the festival operates with a host of sustainable features:

- comprehensive zero waste setup
- an eco village with non-profit partners
- a bike valet
- recycling store
- biodiesel generators
- locally sourced food
- refillable water program
- textile recycling (newly added in 2014)

This year, Outside Lands partnered with the San Francisco Department of the Environment's Textile Reuse and Recycling Initiative to make sure that leftover textiles get put to good use. After the festival, leftover shirts, sweaters and other items were collected and contributed to the local textile market so they could be reused and recycled, preventing waste and promoting local jobs. This important zero waste effort was managed in



Photo © Josh Withers/Outside Lands

More than 70 different restaurants offered over 200 menu options to festival attendees, creating a mountain of waste that needed to be dealt with during and after the festival.



Photo © Josh Withers/Outside Lands

The Outside Lands festival has transformed Golden Gate Park into a miniature city of its own for a weekend every August for the last seven years.

partnership with Clean Vibes, Recology and Goodwill.

"As an event producer, we hold ourselves to the highest environmental standards, and Outside Lands is no exception," said Gregg Perloff, president and CEO of Another Planet Entertainment, the event's long-time producer. "Innovation is important festivalwide and the recent addition of a textile recycling program is just one more way we are taking sustainability to the next level at Outside Lands."

In fact, Outside Lands aims to leave Golden Gate Park—and the city itself—in a better condition than it found it. In addition to hosting its annual Outside Lands Ocean Beach cleanup, Another Planet Entertainment has coordinated with San Francisco Recreation and Park Department to conduct litter pick-up and park preservation efforts.

"We could not have a better partner than Another Planet," said Phil Ginsburg, general manager of the Recreation and Park Department. "They fully believe in and embrace the local and sustainable ethos, as is clear by this latest effort."

Perhaps the sustainable feature that attendees noticed most was San Francisco's iconic zero waste bins. Like the City of San Francisco itself, Outside Lands has long celebrated a high landfill diversion rate (in 2013 the event sustained an 84 percent diversion rate). Event organizers once

again hired Clean Vibes, an event-waste diversion company, to help the festival recycle and compost as much as possible.

This year, Clean Vibes hired graduates from the San Francisco Department of Environment's green careers program,



Photo © Josh Withers/Outside Lands

The festival promoters aim to leave Golden Gate Park in better condition than they found it.

Environment Now, to supplement their recycling and composting efforts. "In San Francisco, zero waste and green jobs go hand-in-hand," said Josh Arce, president of the San Francisco Environment Commission. "By hiring Environment Now staff to help maximize recycling and composting, the festival is getting closer to zero waste while supporting green jobs."

"The Environment Now program helped me gain experience and skills to take on a leadership role promoting zero waste in my community," said Jennifer McPike, Environment Now alumnae and current Zero Waste Contractor with Clean Vibes. "And it is exciting to be a part of an event committed to be a leader in sustainability."

TALK LIKE A PIRATE DAY

BY CAPTAIN RAY

It's hard to believe, but it is almost September 19, which means that Talk Like a Pirate Day is back. Another year has gone by the boards and in this month's column, I'll share with you the nautical origins of a few commonly-used phrases and expressions so you too can talk like a pirate, even if just for this one day.

Actually, I've given you one already, it the very first paragraph. Old time square-riggers were sailed downwind because they could not sail toward the wind very effectively. If something (or someone) fell overboard, once it was behind the ship it was no longer retrievable and was said to have "gone by the boards."

Many non-boating people know the front of a boat is called the bow and the back the stern. But how many people know that the vertical timber forming the shape of the bow is called the stem, from the Anglo-Saxon "stefn" of the same meaning? This in turn has led to an expression meaning thorough or complete: "from stem to stern."

When ordinary seamen were captured in wartime, they typically had to spend the rest of the war as a prisoner (or even as slave labor). Officers, however, received very different treatment. They were frequently paroled to live freely among their enemy hosts as long as they did not engage in hostile activities. They also were allowed to be ransomed or ransom themselves by paying a fee. From the Middle Ages on, this fee was set at one quarter of their yearly wage. When the ransom was not permitted in some unusual circumstances—and then by extension, when there was

any especially harsh and cruel treatment of prisoners of war—it became known as "giving no quarter."

Spanish sailors had a term "bonanza" that meant "to sail in good weather and with a fair wind." This word was adopted by Yankee sailors, who broadened its meaning to include all forms of good fortune. The 49ers then picked up the word from the Yankee sailors as they made their way to the California goldfields, and they used it to describe a rich find. Eventually it even became a TV show.

The shipboard diet of the seaman was, to say the least, monotonous. One staple was boiled dried peas, which gave rise to the rhyme: "Peas porridge hot / Peas porridge cold / Peas porridge in the pot / Nine days old."

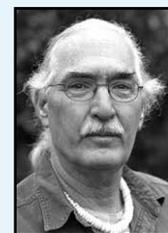
Ships also carried barrels of salted meat, especially pork, and it was usually prepared by boiling or frying. As the voyage progressed, the grease from this meat (which sailors called "slush") was saved. Once the vessel was back in port, the slush was sold. The monies thus collected were called a "slush fund" and were used to purchase small extras for the crew.

While on the subject of food aboard ship, meals were served on square wooden plates, and some claim this is the origin of the expression "a square meal."

In the mid-1800s, the Royal Navy forbid wives from living with their husbands aboard ship. Until then, the practice was quite common while the ship was in port and even allowed sometimes when the ship was at sea. A couple would set up housekeeping under traps rigged between the great guns, and the inevitable offspring was called a "son of a gun."



Ray Wichmann, is a US SAILING-certified Ocean Passagemaking Instructor, a US SAILING Master Instructor Trainer, and a member of US SAILING's National Faculty. He holds a 100-Ton Master's License, was a charter skipper in Hawai'i for 15 years, and has sailed on both coasts of the United States, in Mexico, the Caribbean and Greece. He is presently employed as the Master Instructor at OCSC Sailing in the Berkeley Marina.



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Sublime Early Fall Delights at Jack London Square

Experience beautiful fall weather on the Oakland waterfront at Jack London Square. From the Bay Area's largest foodie festival to outdoor sing-along movies, Jack London Square offers a packed calendar of outdoor events during the month of September including Sing-Along Cinema, Eat Real, Jack of All Trades and more!

Sing-Along Cinema returns with a lively evening of song and dance on the waterfront and free screenings of popular musicals. Both families and film fanatics will enjoy Academy Award-winning *Chicago* on Friday, September 5, as well as the smash hit *Frozen* on Friday, September 26 (both at sundown). Join the theatrical

troupe Barely Legal as they sing and dance along with the movie. Moviegoers are encouraged to show up in costume dressed as their favorite characters. Pre-event festivities include costume contests, games, prizes and more!

For three special days, Jack London Square will transform into an epic festival of delicious eats—the annual Eat Real Festival, a celebration of good food. Free to attend, Eat Real celebrates all things tasty, fresh and handmade with a focus on local, organic and sustainable ingredients. No dish costs more than \$8. Eat Real will take place Friday, September 19 through Sunday, September 21.

Jack of All Trades returns on September 13, with more than 100



Sing-Along Cinema returns to Jack London Square in September.

local vendors and makers selling hand-crafted items, designs, art, specialty food products, antiques, memorabilia and more. Free to the public, Jack of All Trades takes place on the second Saturday of each month through November.

In addition to all the special events, visitors can dine at a variety of

contemporary restaurants including Bocanova, Forge Pizza, Haven, Lungomare and more, as well as the newly opened Jack's Oyster Bar and Fish House and Rosenblum Cellars. Visitors can easily bike, ferry, BART or drive to Jack London Square. For additional information, visit www.jacklondonsquare.com.

JACK LONDON SQUARE ON THE WATERFRONT

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- Bocanova
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- Haven
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- Jack's Fish House

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- Lungomare
- Plank (coming soon)
- Scott's Seafood
- Yoshi's



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New Musical Season Begins

BY PAUL DUCLOS

San Francisco Opera celebrates the opening of its 92nd season on Friday, September 5 with a gala performance of Vincenzo Bellini's *Norma*, conducted by San Francisco Opera Music Director Nicola Luisotti and featuring an illustrious cast led by soprano Sondra Radvanovsky



in the title role. The opening night festivities are highlighted by "Opera Ball 2014: Passione," a benefit supporting the education programs of San Francisco Opera Guild and San Francisco Opera Education Department, and BRAVO! CLUB's Opening Night Gala. Saturday, September 6 marks the long-awaited company premiere of Carlisle Floyd's quintessentially American opera *Susannah*, starring Patricia Racette. Concluding the opening weekend of the 2014-15 Season is one of the Bay Area's most popular musical events—*San Francisco Chronicle Presents Opera in the Park*, San Francisco Opera's annual free concert in Golden Gate Park on Sunday, September 7. For more info, see sfopera.com.

Music Director Michael Tilson Thomas and the San Francisco Symphony are joined by guest organist Cameron Carpenter for four performances of Henry Brant's Pulitzer Prize-winning *Ice Field*, September 18-21 at Davies Symphony Hall. The Orchestra also performs Bach's Brandenburg Concerto No. 3 and Tchaikovsky's Symphony No. 5 in these concerts. *Ice Field* has not been performed in San Francisco since its world premiere by MTT and the SFS in December 2001, with the composer at the organ. Brant won a Pulitzer Prize for the work the following year in 2002. Henry Brant's *Ice Field* is one of the more than 20 American works featured in the SFS's 2014-15 season, Michael Tilson Thomas's 20th as music director.

The full title of the piece, *Ice Field: Spatial Narratives for Large and Small Orchestral Groups*, indicates the nature of Brant's "spatial" approach to composition. *Ice Field* was commissioned for the SFS by Other Minds, a San Francisco-based new music organization founded by composer Charles Amirkhanian. For Brant, "space"—created by the location of the instruments in the hall—is a crucial compositional element. *Ice Field* was devised to use the expressive spatial possibilities of Davies Symphony Hall, dividing the orchestra into various groups and positioning them in the organ loft, second tier, on stage and in the side boxes, thus creating a multi-directional aspect to the sound for the listener. He also uses elements of improvisation in the composition. Of his spatial technique, Brant has said, "I had come to feel that single-style music, no matter how experimental or full of variety, layered insanities and multi-directional assaults of contemporary life on the spirit." In his spatial music he found a solution that he believed would "speak more expressively of the human predicament." For more info, see www.sfsymphony.org.

A sold-out smash hit at New York's Signature Theatre last year, *Old Hats* combines the incomparable magic, slapstick and hilarity of master clowns Bill Irwin and David Shiner with technology, original music and their truly unique style of movement. Directed by the inimitable Tina Landau, whose production of Saroyan's *The Time of Your Life* thrilled A.C.T. audiences in 2004, *Old Hats* picks up where *Fool*

Moon left off, and is a wildly imaginative journey about the anxieties of living in the modern world and an exquisite and hilarious meditation on life, lunacy and the passage of time. It is the recipient of the 2013 Lucille Lortel Award for

Outstanding Alternative Theatrical Experience and the 2013 Drama Desk Award for Outstanding Revue. The show runs from September 10 to October 5. For more info, see www.act-sf.org.

This Month's Recipe:

The Champagne Cocktail

Champagne should almost always be served in a coupe, that classic piece of glassware made popular in San Francisco during Prohibition days—when the good stuff could be swilled rather than sipped.

But the vulgar vessel—and coupe's second cousin—known as the flute does have one purpose: to deliver the sublime ingredients contained in the champagne cocktail. And since it really is just a bar drink, one needn't go all out to purchase the finest French wine. Any old sparkling will do.

Don't however, skimp on the bitters or brandy. Use premium brands only. And any Manhattan lover will attest to the superiority of Luxardo when it comes to Maraschino cherries.

1. Soak the sugar cube in the bottom of the glass with brandy and bitters.
 2. Add cherry
 3. Gently pour Champagne
 4. Eschew any other type of garnish
- <http://paulduclosansanfranciscoculture.blogspot.com/>

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WATERFRONT ACTIVITIES

- Sept 6 Noon - Great Schooner Race – Call of the Sea, Sausalito, 415-331-3214, callofthesea.org**
By donating \$250 per person to the Call of the Sea Youth Scholarship Fund you will join the excitement and get up close and personal with the classic schooner fleet as we tack, gybe, and reach across the bay together. After the race, the schooners will tie up at the SFYC for a party with BBQ, live music, and an awards ceremony. There you can board and tour the rest of the fleet. We will depart the San Francisco Yacht Club in Belvedere at 10:30 AM and return at 3:30 PM.
- Sept 6 6:30PM - 9:30PM – Moonlight Kayaking – California Canoe & Kayak, Oakland Estuary, 800-366-9804, calkayak.com**
Moonlight paddling is enchanting! The water is calm and glassy on the Oakland Estuary and the city lights add to the ambiance. We enjoy a leisurely pace as the sun sets and the moon rises, illuminating a delightful evening. Cost: \$59
- Sept 6 7PM - 11PM – Night Sailing – OCSC Sailing, Berkeley, 510-843-4200, www.ocscsailing.com**
Learn to enjoy San Francisco Bay under moonlight! This course is designed to teach you the navigational skills necessary to safely sail our local waters at night. If you're a non-experienced sailor, this is also a great opportunity to see what night sailing is all about. Cost: OCSC Members \$101.25, Non-Members \$135
- Sept 7 7AM - 7PM – Farallones Sail on the Schooner *Seaward* – OCSC Sailing, Berkeley, 510-843-4200, www.ocscsailing.com**
Sail out of the Golden Gate to the mystic Farallone Islands aboard a classically rigged 82' schooner. The schooner *Seaward* will be departing from OCSC's Berkeley location early in the morning and is scheduled to return at 7pm. Cost: OCSC Members \$221.25, Non-Members \$295
- Sept 8-12 Radar Observer Unlimited Course – Maritime Institute, San Rafael, 888-262-8020 www.MaritimeInstitute.com**
This five (5) day course provides training to mariners who wish to obtain a USCG endorsement as a Radar Observer (Unlimited). A Radar Observer endorsement is required for all ocean routes; all towing vessel greater than 26 feet with the exception of commercial assistance towing operations; and all licenses with tonnage limitations over 200 tons. Register or view our complete schedule at www.MaritimeInstitute.com.
- Sept 9 6PM - 9PM – Moonlight Paddle – Outback Adventures, Larkspur, 415-461-2222, www.outbackadventures.com**
Navigating your kayak by moonlight is a mystical experience you won't soon forget. This unique kayak tour allows for a grand view of the moon rising into the night's sky. We will paddle leisurely while admiring the moon's silvery light reflecting off the water's surface. (\$65 per person 3 hour tour)
- Sept 12 Pirate Party Sail – Call of the Sea, Sausalito, 415-331-3214, callofthesea.org**
Come party with fellow Pirates that have captured the schooner *Seaward* on Sept 12th. There will be grub and grog served as you set sail on the San Francisco Bay for 3 hours. Don't forget to dress in your Pirate best!
- Sept 14 9AM - Noon – Introduction to Stand Up Paddlingboarding (SUP) – California Canoe & Kayak, Oakland Estuary, 800-366-9804, calkayak.com**
SUP has become incredibly popular in a few short years because it's so fun, easy, and another GREAT way to get on the water. (It's good for you, too.) No previous paddling or surfing experience is necessary. This 3-hour session in the sheltered water of the

Waterfront Adventures is an advertising sponsored section for activities on or around the water in the Bay Area. If you are interested in having your events or activities listed in this section contact Joel Williams at joel@baycrossings.com.

California Canoe & Kayak
Jack London Square
409 Water Street
Oakland, CA 94607
510-893-7833
open 10 to 6

calkayak.com

Sales - Rentals - Classes - Trips
Kayaks - Canoes - Stand-up Paddle Boards

OUTBACK ADVENTURES **Tours - Classes - Sales - Rentals**

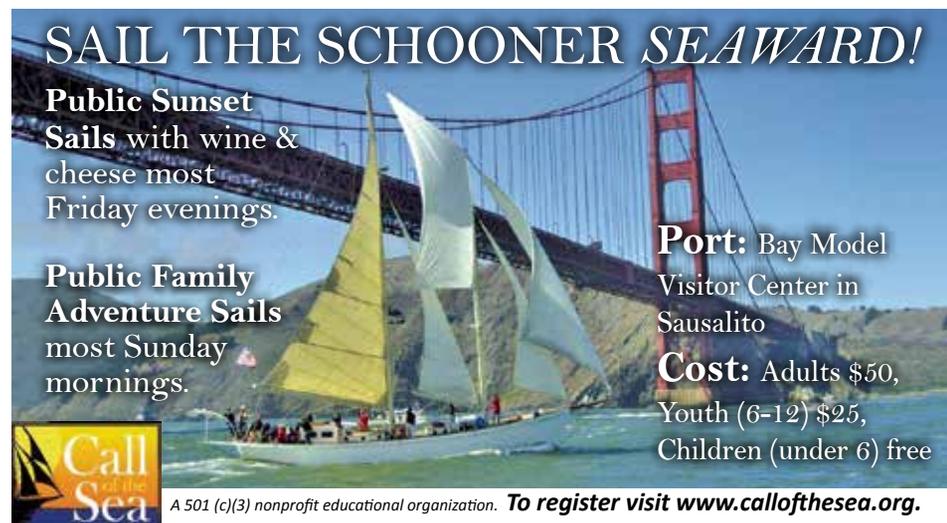
Now Offering
Stand Up Paddleboarding

outbackadventures.com – 415.461.2222

WATERFRONT ACTIVITIES

Oakland Estuary will get you started, and you'll be cruising in style in no time. Our SUP boards are great for novices - great for rentals, too, once you've completed the class. Cost: \$79

- Sept 14** **10AM - 3PM – Tomales Bay Tour – Outback Adventures, Larkspur, 415-461-2222, www.outbackadventures.com**
Come experience one of the premier paddling destinations in California on this guided kayak tour! Wildlife abounds in this spectacular setting, one of the largest protected bays and coastal area in California. Half way through our paddling tour we will stop on a secluded beach only accessible by small water craft and eat lunch. (\$85 per person, 5 hour tour)
- Sept 17** **6PM - 8PM – Women's Moonlight Sail – OCSC Sailing, Berkeley, 510-843-4200, www.ocscsailing.com**
Join the women's Wednesday night crew for a two hour sail around the Bay. Afterwards enjoy food and drinks in our clubroom.
Cost: Members \$45, Non-Members \$60
- Sept 20** **9:30AM - 2:30PM – Tomales Bay Tour – Outback Adventures, Larkspur, 415-461-2222, www.outbackadventures.com**
Come experience one of the premier paddling destinations in California on this guided kayak tour! Wildlife abounds in this spectacular setting, one of the largest protected bays and coastal area in California. Half way through our paddling tour we will stop on a secluded beach only accessible by small water craft and eat lunch. (\$85 per person, 5 hour tour)
- Sept 20** **4PM - 6PM – OCSC BBQ – OCSC Sailing, Berkeley, 510-843-4200, www.ocscsailing.com**
Join us for our monthly BBQ! If you're new to OCSC, Club Managers Morgan Fiddler and John Prato will be available to provide information and tours of our fleet. Cost: Members FREE, Non-Members \$20.00.
- Sept 21** **10AM - 2PM - Kayak Basics – California Canoe & Kayak, Oakland Estuary, 800-366-9804, calkayak.com**
Are you ready to try kayaking? This 4 hour class (10AM - 2PM) emphasizes basic water safety using recreational kayaks. You will learn the basic paddle strokes and fundamental kayak maneuvers in a calm water setting. Class fee includes kayak, paddling gear, and a coupon for 50% off a future kayak rental (one hour)! Cost: \$79.
- Sept 26** **6PM - 8:30pm – Sunset Sail – Call of the Sea, Sausalito, 415-331-3214, callofthesea.org**
Climb aboard the classic schooner "Seaward" and see San Francisco from the water! Take in an unmatched view of the city front as you sail by famous San Francisco sights such as the Golden Gate Bridge, Alcatraz, and Angel Island. You can sit back and enjoy the view, or get involved with sailing the schooner with the help of our professional captain and crew. Complimentary wine, cheese, and light refreshments will be served. A relaxing way to end the week! (\$50 adults)
- Sept 28** **9:30am - 12:00pm – Stand up Paddle Boarding – Outback Adventures, Larkspur, 415-461-2222, www.outbackadventures.com**
Come join Outback Adventures and learn why Stand Up Paddle Boarding is one of the fastest growing paddle sports in the industry. Learn paddle technique and get an opportunity to try many different kinds of board we will practice the skills in the protected waters of the Corte Madera Creek, no experience necessary. (\$60 per person 2.5 hrs class)
- Sept 28** **10AM - 12:30PM – Family Adventure Sail – Call of the Sea, Sausalito, 415-331-3214, callofthesea.org**
Climb aboard the classic schooner "Seaward" and see San Francisco from the water! Take in an unmatched view of the city front as you sail by famous San Francisco sights such as the Golden Gate Bridge, Alcatraz, and Angel Island. You can sit back and enjoy the view, or get involved with sailing the schooner with the help of our professional captain and crew. Complimentary coffee, tea, juices, and light snacks will be served. This sail will include optional learning stations in seamanship and San Francisco Bay ecology. It is a great sail for families, though all are welcome! (\$50 adults, \$25 youth 6-12)



SAIL THE SCHOONER SEAWARD!

Public Sunset Sails with wine & cheese most Friday evenings.

Public Family Adventure Sails most Sunday mornings.

Port: Bay Model Visitor Center in Sausalito

Cost: Adults \$50, Youth (6-12) \$25, Children (under 6) free

Call of the Sea
A 501 (c)(3) nonprofit educational organization. To register visit www.callofthesea.org.



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800.223.2984
www.OCSC.com

All Bay Area Ferry Schedules in One Place!

Golden Gate Ferry

LARKSPUR*

Weekdays (excluding Holidays)				Weekends and Holidays																								
Depart Larkspur	Arrive S.F. Ferry Bldg.	Depart S.F. Ferry Bldg.	Arrive Larkspur	Depart Larkspur	Arrive S.F. Ferry Bldg.	Depart S.F. Ferry Bldg.	Arrive Larkspur																					
5:45	6:15	6:20	6:50	9:30am	10:30 a.m.	-----	-----																					
6:35 a.m.	7:05 a.m.	7:10 a.m.	7:40 a.m.	11:40	12:30 p.m.	12:40 p.m.	1:30 p.m.																					
7:00	7:30	7:35	8:05	1:40 p.m.	2:30	3:45	4:35																					
7:30	8:00	-----	-----	4:45	5:35	6:25	7:15																					
7:50	8:20	8:30	9:05	-----	-----	7:25	8:10																					
8:20	8:50	9:10	9:45	One-way Ferry Fares <table border="1"> <thead> <tr> <th></th> <th>Larkspur</th> <th>Sausalito</th> </tr> </thead> <tbody> <tr> <td>Adult Cash Fare (19 – 64)</td> <td>\$9.50</td> <td>\$10.25</td> </tr> <tr> <td>Clipper</td> <td>\$6.25</td> <td>\$5.25</td> </tr> <tr> <td>Youth/Senior/Disabled</td> <td>\$4.75</td> <td>\$5.00</td> </tr> <tr> <td>Children 5 and under (limit 2 per fare-paying adult)</td> <td>FREE</td> <td>FREE</td> </tr> <tr> <td>Children ages 5 and under travel free when accompanied by a full fare paying adult (limit two youth per adult).</td> <td></td> <td></td> </tr> <tr> <td>Giants Ferry</td> <td>\$11.00</td> <td></td> </tr> </tbody> </table>					Larkspur	Sausalito	Adult Cash Fare (19 – 64)	\$9.50	\$10.25	Clipper	\$6.25	\$5.25	Youth/Senior/Disabled	\$4.75	\$5.00	Children 5 and under (limit 2 per fare-paying adult)	FREE	FREE	Children ages 5 and under travel free when accompanied by a full fare paying adult (limit two youth per adult).			Giants Ferry	\$11.00	
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9:15	9:50	10:10	10:45																									
10:10	10:45	10:55	11:30																									
11:10	11:45	11:55	12:30 p.m.																									
11:40	12:15 p.m.	12:25 p.m.	1:00																									
12:40 p.m.	1:15	1:25	2:00																									
2:15	2:50	3:00	3:30																									
2:50	3:25	3:35	4:05																									
3:40	4:15	4:25	4:55																									
4:15	4:45	5:00	5:30																									
-----	-----	5:20	6:05																									
5:05	5:40	5:55	6:25																									
5:40	6:15	6:25	6:55																									
6:35	7:10	7:20	7:50																									
7:25	8:00	8:10	8:40																									
8:50	9:25	9:35	10:05																									

* Direct ferry service is provided to all Giants games at AT&T Park. Special service is provided to various concerts and the Bay to Breakers Race. On weekdays, with the exception of the 5:20pm San Francisco departure which uses a high-capacity Spaulding vessel, all other trips use high-speed catamarans. Weekend service is provided by a high-capacity Spaulding vessel.

SAUSALITO

Weekdays (excluding Holidays)				Weekends and Holidays			
Depart Sausalito	Arrive S.F. Ferry Bldg.	Depart S.F. Ferry Bldg.	Arrive Sausalito	Depart Sausalito	Arrive S.F. Ferry Bldg.	Depart S.F. Ferry Bldg.	Arrive Sausalito
7:10 a.m.	7:35 a.m.	7:40 a.m.	8:10 a.m.	-----	-----	10:40 a.m.	11:10 a.m.
8:20	8:45	10:00	10:30	11:20 a.m.	11:50 a.m.	12:00 p.m.	12:30 p.m.
10:55	11:25	11:35	12:05 p.m.	12:45 p.m.	1:15 p.m.	1:25	1:55
12:15 p.m.	12:45 p.m.	12:55 p.m.	1:25	2:10	2:40	2:50	3:20
1:55	2:25	2:35	3:05	2:35	3:05	3:25	3:55
3:25	3:55	3:30	4:00	3:50	4:20	4:40	5:10
4:25	4:55	4:20	4:45	4:15	4:45	5:05	5:40
5:05	5:35	5:15	5:45	5:35	6:05	-----	-----
6:05	6:35	6:50	7:15	6:00	6:30	6:45	7:15
6:35	7:05	6:50	7:20	7:30	8:00	-----	-----
7:35	8:05	7:55	8:20	-----	-----	-----	-----

Contact Information | For the Golden Gate Ferry website, visit: <http://goldengateferry.org/>
Toll free 511 or 711 (TDD) | Comments and questions can be submitted at <http://ferrycomments.goldengate.org/>

Holiday service is in effect on Martin Luther King, Jr. Day, Presidents Day, Memorial Day, Independence Day, Labor Day, and the day after Thanksgiving Day (Sausalito). No ferry service on New Year's Day, Thanksgiving Day, and Christmas Day. The Larkspur line operates on a Modified Holiday Schedule on the day after Thanksgiving Day.

Blue & Gold Ferry

TIBURON COMMUTE

TIBURON – S.F. Ferry Building			
Weekdays			
Depart Tiburon	Arrive S.F. Ferry Bldg.	Depart S.F. Ferry Bldg.	Arrive Tiburon
5:35 a.m.	6:00 a.m.	6:05 a.m.	6:25 a.m.
6:40	7:05	7:10	7:30
7:50	8:15	8:20	8:40
8:45	9:10	-----	-----
-----	-----	4:25 p.m.	4:50 p.m.
4:55 p.m.	5:20 p.m.	5:25	5:50
5:55	6:20	6:30	6:55
7:05	7:30	7:35	7:55
-----	8:50 *	8:55 *	9:15 *
9:20 *	10:05 *	-----	-----

TIBURON – Pier 41			
Weekdays			
Depart Pier 41	Arrive Tiburon	Depart Tiburon	Arrive Pier 41
10:50 am	11:10am	11:15am	12:00pm
12:10pm	12:30pm	12:35pm	12:55
1:05	1:25	1:35	2:20
2:30	2:50	3:00	3:20
3:25	3:45	3:55	4:15
4:10	4:50	-----	-----
4:25	5:00	5:10	6:05
-----	7:55	8:00	-----
8:40 *	9:15 *	9:20 *	10:20 *

TIBURON – Pier 41			
Weekends and Holidays			
Depart Pier 41	Arrive Tiburon	Depart Tiburon	Arrive Pier 41
-----	-----	-----	9:35 am
9:45am	10:30am	10:40am	11:35
11:45	12:35pm	12:45pm	1:15pm
2:20pm	2:50	3:00	3:40
3:50	4:50	5:00	5:30
5:40	6:35	6:45	7:15
7:25	8:10	8:15	8:45

FARES:		
	One-way	Round trip
Adult	\$11.00	\$22.00
Senior (65+)	\$ 6.75	\$13.50
Child (5-11)	\$ 6.75	\$13.50
20 Ticket Commute Book	\$140.00 (Mon. - Fri.)	

Holiday Schedule in effect for: Day After Thanksgiving (Nov 23), & President's Day (Feb 18) No service on Thanksgiving Day (Nov 22), Christmas Day (Dec 25), & New Year's Day (Jan 1)

BAY CRUISE			
Depart Pier 39			
Weekdays		Weekends & Holidays	
10:15 a.m.	10:15 a.m.	3:15	
1:15 p.m.	10:45	3:45	
3:15	12:15 p.m.	4:30	
4:30	1:15	5:00	
	1:45		

For the most current schedule, visit www.blueandgoldfleet.com
Bay Cruise does not operate during inclement weather.

FARES: All prices include audio tour.			
Adult	\$28.00	Child (5-11)	\$18.00
Junior (12-18)	\$22.00	Senior (62+)	\$22.00

Discount fares available at www.blueandgoldfleet.com

ROCKETBOAT			
Daily, Monday - Sunday			
Depart from Pier 39			
12:30 p.m.	FARES:	Adult	\$25.00
1:15		Senior (65+)	\$21.00
2:00		Junior (12-18)	\$21.00
3:30		Child (5-11)	\$17.00
4:15		Holiday schedule on Memorial Day (May 27), Independence Day (July 4) and Labor Day (Sept 3)	
5:00			
6:00			

Adult - \$25, Senior/Junior - \$21, Child - \$17

SAUSALITO

FISHERMAN'S WHARF, PIER 41			
Weekdays			
Depart S.F. Pier 41	Arrive Sausalito	Depart Sausalito	Arrive S.F. Pier 41
10:55 a.m.	11:25 a.m.	11:35 a.m.	12:05 p.m.
12:15 p.m.	12:45 p.m.	12:55 p.m.	1:25
1:35	2:05	2:10	2:40
2:45	3:35	3:45	4:15
4:25	5:25	5:35	6:05
6:15	6:45	6:55	7:25
-----	8:10	8:20	8:35
8:40 *	9:30 *	9:40 *	10:20 *

*Fridays only			
Weekends and Holidays			
Depart S.F. Pier 41	Arrive Sausalito	Depart Sausalito	Arrive S.F. Pier 41
11:00 a.m.	11:25 a.m.	11:35 a.m.	12:05 p.m.
12:20 p.m.	12:50 p.m.	12:55 p.m.	1:25
2:20	2:50	3:05	3:40
3:50	4:20	4:35	5:30
-----	4:40	4:55	5:30
5:40	6:10	6:20	7:15
7:25	7:55	8:00	8:45

Holiday Schedule in effect for: Day After Thanksgiving (Nov 23), & President's Day (Feb 18) No service on Thanksgiving Day (Nov 22), Christmas Day (Dec 25), & New Year's Day (Jan 1)

FARES:		
	One-way	Round-trip
Adult	\$11.00	\$22.00
Senior (65+)	\$6.75	\$13.50
Child (5-11)	\$6.75	\$13.50

For the most current schedule, visit <http://www.blueandgoldfleet.com/Ferry/Sausalito/index.cfm>

ANGEL ISLAND - S.F.					
Weekdays (Depart Pier 41)					
Depart Ferry Bldg	Depart Pier 41	Arrive Angel Island	Depart Angel Island	Arrive Ferry Bldg	Arrive Pier 41
-----	-----	-----	-----	-----	-----
9:15am	9:45am	10:10am	10:20am	-----	-----
-----	1:05pm	1:45pm	1:55pm	-----	2:20 pm
-----	-----	3:10	3:20	-----	4:15

Weekends & Holidays (Depart Pier 41)					
9:20 am	9:45 am	10:10 am	10:20 am	11:10 am	11:35 am
11:20 am	11:45 am	12:15 pm	-----	-----	1:15 pm
-----	2:20 pm	3:10	3:20	-----	3:40
-----	-----	4:20	4:30	-----	5:30
-----	-----	-----	-----	6:00 pm	-----

ANGEL ISLAND PRICES (Round-trip)			
FARES	S.F. Pier 41 Ferry Bldg*	Alameda/Oakland*	Vallejo*
Adult	\$17.00	\$14.50	\$30.50*
Child	\$9.50 (age6-12)	\$8.50 (age 5-12)	\$21.00 (ages 6-12)
Child	Free (5 & under)	Free (4 & under)	Free (5 & under)

* All prices include State Park Fees / Weekend Schedule on Memorial Day (May 25) / Independence Day (July 4) and Labor Day (Sept 7)

Bay Area Ferry Terminal Locations

Alameda Ferry Terminal
2990 Main Street

Harbor Bay Ferry Terminal
215 Adelpian Way, Alameda

Larkspur Landing Ferry Terminal
101 E. Sir Francis Drake Boulevard

Oakland Ferry Terminal
10 Clay Street @ Jack London Square

Sausalito Ferry Terminal
Humbolt Street & Anchor Avenue

San Francisco:
SF Ferry Building @ foot of Market Street
Pier 41 @ Fisherman's Wharf

South San Francisco
911 Marina Boulevard

Tiburon Ferry Terminal
Tiburon Blvd. & Main St. in Tiburon

Vallejo Ferry Terminal
289 Mare Island Way in Vallejo

Red & White

BAY CRUISE Pier 43½

Monday through Sunday		FARES:
10:00 a.m.	2:15 #	Bay Cruise
10:45	2:30	Adult (18+) \$28.00
11:15	3:00 p.m.	Youth (5-17) \$18.00
12:00 p.m.	3:45	Child (under 5) Free
12:30 #	4:15 #	# Bridge to Bridge
1:10	5:00	Adult (18+) \$36.00
1:40	6:00 ^	Youth (5-17) \$24.00
		^ Sunset Cruise
		Adult (18+) \$58.00
		Youth (5-17) \$40.00

Schedules Effective Beginning Sept 2, 2014

Fun on Ferries, Shoreline Snacking and Shopping, Take the Kids, Bikes on Boats, Fun on Ferries...



Angel Island Ferry

TIBURON – ANGEL ISLAND

Weekdays and Weekends			
Tiburon to Angel Island		Angel Island to Tiburon	
Monday - Friday 10:00, 11:00, 1:00 p.m., 3:00		Monday - Friday 10:20, 11:20, 1:20 p.m., 3:30	
Saturday - Sunday 10:00 - 5:00 p.m. hourly		Saturday - Sunday 10:20 - 5:20 p.m. hourly	
Weekend schedule in effect for 4th of July.			
Ferry service by advance reservation for groups of 25 or more. Call (415) 435-2131 to find out if you can "piggyback" with groups			
FARES:		Round Trip	(*Limit one free child, ages 2 and under, per paying adult.)
Adult (13 and over)		\$13.50	
Child (6 - 12)		\$11.50	
Children (3 - 5)		\$3.50	
Toddlers (ages 2 and under)		Free*	
Bicycles		\$1.00	

For the most current schedule and other information, visit www.angelislandferry.com/ / Schedule Subject to change w/o notice



San Francisco Bay Ferry

VALLEJO

VALLEJO – SAN FRANCISCO

Travel time between Vallejo and San Francisco is approximately 60 minutes.

Weekdays

Depart Vallejo to S.F. Ferry Building	Depart S.F. Ferry Bldg. to Vallejo	Depart Pier 41 Fisherman's Wharf to Vallejo
5:30 a.m.	6:35 a.m.	-----
6:30	7:35	-----
7:00	8:30	-----
7:45	-----	-----
8:45	9:55	-----
10:00	11:10	11:30 a.m.
11:30	12:45 p.m.	-----
2:00 * p.m.	3:30	3:10 p.m.
4:05	4:30	-----
4:45	5:15	-----
-----	6:00	-----
5:45 *	7:15	6:55

Weekends & Holidays

8:30 a.m. *	10:00 a.m.	9:40 a.m.
10:00	11:10 #	11:30
11:30	12:45 p.m.	-----
2:30	3:40 #	4:00 p.m.
4:00 #	5:35	5:15
5:15	6:30	-----
7:30 *	9:00	8:40

To Vallejo via Pier 41. * to FB via Pier 41. ** To Vallejo via Ferry Building.

FARES: One-way

Adult (13-64)	\$13.00	Call (707) 64-FERRY or visit www.sanfranciscobayferry.com for updated information.
Senior (65+)/Disabled/Medicare	\$6.50	
Child (6-12)	\$6.50	
DayPass	\$24.00	
Monthly Pass (Bus / Ferry)	\$290.00	
w/Muni	\$349.00	

Take the Ferry to GIANTS BASEBALL AT AT&T PARK FROM VALLEJO

Weekday Day Games 12:45 PM Game Start Times

Depart Vallejo	Arrive AT&T	Depart AT&T	Arrive Vallejo
11:00 am	12:00 noon	* see below	60 min. later

Weekend & Holiday Games 1:05 PM Game Start Times; Other Start Times**

Depart Vallejo	Arrive AT&T	Depart AT&T	Arrive Vallejo
11:00 am	12:00 noon	* see below	60 min. later

Weekday Night Games – Return Service Only 7:15 PM Game Start Times

Return-Only Service	Depart AT&T	Arrive Vallejo
	*see below	60 min. later

*Ferry departs AT&T Park 30 minutes after the last out.

FROM OAKLAND/ALAMEDA

Weekday Night Games 7:15 & 7:35 pm Games

Leave Alameda	Leave Oakland	Arrive AT&T	Depart AT&T	Arrive Ala/Oak
6:05 p.m.	6:20 p.m.	6:55p.m.	*see below	25-30 min. later

ALL WEEKEND & HOLIDAY GAMES 1:05 pm Game Start Times**

Leave Oakland	Leave Alameda	Arrive AT&T	Depart AT&T	Arrive Ala/Oak
11:30 a.m.	11:50 a.m.	12:20p.m.	*see below	25-30 min. later

*Ferry departs AT&T Park 20 minutes after last out. ** For Other Weekend and Holiday Game Start Times Visit www.SanFranciscoBayFerry.com/giants

VALLEJO - ANGEL ISLAND

Weekends Only

Depart Vallejo	Arrive Pier 41	Depart Pier 41	Arrive Angel Is.
8:30 a.m.	9:30 a.m.	9:45 a.m.	10:10 a.m.
Depart Angel Is.	Arrive Ferry Bldg	Depart Ferry Bldg	Arrive Vallejo
4:30 p.m.	6:00 p.m.	6:30 p.m.	7:30 p.m.

ALAMEDA/OAKLAND

Weekdays to San Francisco

Depart Oakland	Depart Alameda	Arrive S.F. Ferry Bldg.	Arrive S.F. Pier 41
6:00 a.m.	6:10 a.m.	6:30 a.m.	---
6:30 a.m.	6:40 a.m.	7:00	---
7:05	7:15	7:35	---
7:35	7:45	8:05	---
8:10	8:20	8:40	---
8:40	8:50	9:10	---
9:15	9:25	9:45	10:00 a.m.
11:00	10:50	11:30	11:45
1:35 p.m.	1:20 p.m.	2:00 p.m.	2:20 p.m.
2:40	2:25	3:05	3:20
5:05	4:50	5:30	---
5:50	5:40	6:20	---
6:20^	6:05^	---	6:50
6:55	6:45	7:20	---
7:55	7:45	8:25	8:40
8:55	8:45	---	9:25

Weekdays from San Francisco

Depart S.F. Pier 41	Depart S.F. Ferry Bldg.	Arrive Alameda	Arrive Oakland
---	6:30 a.m.	7:15 a.m.	7:05 a.m.
---	7:00	7:45	7:35
---	7:35	8:20	8:10
---	8:05	8:50	8:40
---	8:40	9:25	9:15
10:15 a.m.	10:30	10:50	11:00
12:45 p.m.	1:00 p.m.	1:15 p.m.	1:30 p.m.
1:45	2:00	2:20	2:35
4:00	4:30	4:45	5:05
5:00	5:20	5:40	5:50
---	5:40	6:00	6:15
---	6:25	6:45	6:55
---	7:25	7:45	7:55
8:05	8:25	8:45	8:55

^On Giants game days, departure goes directly to AT&T Park instead of Pier 41 from East Bay.

Harbor Bay Ferry (EAST END OF ALAMEDA/S.F.)

Weekday Commute

Depart Harbor Bay Island	Arrive S.F. Ferry Bldg.	Depart S.F. Ferry Bldg.	Arrive Harbor Bay Island
6:30 a.m.	6:55 a.m.	7:00 a.m.	7:25 a.m.
7:30	7:55	8:00	8:25
8:30	8:55	4:35 p.m.	5:00 p.m.
5:05 p.m.	5:30 p.m.	5:35	6:00
6:05	6:30	6:35	7:00
7:05	7:30	7:35	8:00

No weekend or holiday service

ONE WAY FARES: Regular Clipper

Adult	\$6.50	\$5.00
Youth (5-12)	\$3.25	\$3.25
Children (under 5)	Free	Free
Disabled / Seniors (62 & over)	\$3.75	\$3.75
Active Military	\$5.25	N/A
Commuter (book of 10)	\$55.00	N/A
Commuter (book of 20)	\$100.00	N/A
Monthly Pass (book of 40)	\$185.00	N/A

Free MUNI and AC Transit Transfers Provided

ALAMEDA/OAKLAND - ANGEL ISLAND

Weekends Only

Leave Oakland	Leave Alameda	Arrive Pier 41	Depart Pier 41	Arrive Angel Is.
9:00 am	9:10 am	9:35 am	9:45 am	10:10 am
Leave Angel Island	Arrive Alameda	Arrive Oakland		
3:35 p.m.	4:20 p.m.	4:35 p.m.		

ALAMEDA/OAKLAND

Weekends and Holidays to San Francisco

Depart Oakland	Depart Alameda	Arrive S.F. Ferry Bldg.	Arrive S.F. Pier 41
9:00 a.m.	9:15 a.m.	10:00	9:40 a.m.
10:45	10:25	11:10 a.m.	11:25
11:25	11:10	11:50	12:05
1:10 p.m.	12:55 p.m.	1:30 p.m.	1:45 p.m.
1:40	1:25	2:05	2:20
3:25	3:10	3:45	4:00
4:45	4:25	---	5:15
5:25	5:10	5:50	6:05
6:25	6:10	6:50	7:05
7:10	6:55	7:35	7:50
8:50	8:35	9:15	9:30
11:25	11:10	11:50	12:00

Weekends and Holidays from San Francisco

Depart S.F. Pier 41	Depart S.F. Ferry Bldg.	Arrive Alameda	Arrive Oakland
8:30	---	9:10	8:55
9:50 a.m.	10:00 a.m.	10:20 a.m.	10:35 a.m.
10:30	10:45	11:05	11:20
12:15 p.m.	12:30 p.m.	12:50 p.m.	1:05 p.m.
12:45	1:00	1:20	1:35
2:30	2:45	3:05	3:20
3:15	---	4:20	4:35
4:30	4:45	5:05	5:20
5:30	5:45	6:05	6:20
6:15	6:30	6:50	7:05
8:00	8:15	8:30	8:45
10:30	10:45	11:05	11:20

ONE WAY FARES: Regular Clipper 10 Ticket Book 20 Ticket Book Monthly Pass

Adult (13+)	\$6.25	\$4.75	\$50.00	\$90.00	\$170.00
Youth (5-12)	\$3.50	\$3.50			
Senior (65+) *	\$3.10	\$3.10	PURCHASE TICKETS ONBOARD THE FERRY for information (MON. to FRI.) (415) 705 8291		
Active Military *	\$5.00	N/A			
Child under 5	FREE	FREE			
School Groups*	\$2.00	N/A			
Short Hop**	\$1.50	N/A			
Short Hop Senior	\$075	N/A			

*Restrictions apply, see sanfranciscobayferry.com for details
** One-way between Oakland and Alameda or between the SF Ferry Building and Pier 41. Fares subject to change.

SOUTH SAN FRANCISCO

Weekday to SSF/Oyster Point

Depart Alameda	Depart Oakland	Arrive SSF
6:30 a.m.	6:40 a.m.	7:15 a.m.
7:30	7:40	8:15
8:00	8:10	8:45
5:10 ** p.m.	4:55 p.m.	5:40 p.m.

Weekday to Alameda & Oakland

Depart SSF	Arrive Oakland	Arrive Alameda
7:20 a.m.	8:05 a.m.	7:50 a.m.
4:20 p.m.	4:55 p.m.	5:10 p.m.
5:20	6:00 *	5:50
6:20	6:55	7:10

*Boat departs from Oakland first. **Boat arrives Alameda first.

Wednesday & Friday midday SF service

Depart SSF	Arrive Ferry Building	Arrive Pier 41
Wed & Fri 9:00 am	Wed & Fri 9:30 a.m.	Wed & Fri 9:45 a.m.
Depart Pier 41	Depart Ferry Building	Arrive SSF
Wed. only 1:50 p.m.	Wed. only 2:05 p.m.	Wed. only 2:40 p.m.
Fri. only 3:15 p.m.	Fri. only 3:30 p.m.	Fri. only 4:00 p.m.

One-way FARES:	Adult	Youth (5-12 years)	Seniors (65+ yrs), Disabled, Medicare	Children under 5 (with an adult)	Short Hop2	Short Hop Senior, Disabled, Medicare
	\$7.00	\$3.50	\$3.50	FREE	\$1.50	\$0.75

AROUND THE BAY IN SEPTEMBER

Sausalito Floating Homes Tour

Sausalito's unique floating homes community invites you to its 29th annual tour, entitled "The Artistry of Waterfront Living," on Saturday, September 20, from 11 a.m. to 4 p.m. Learn about the art of living on our waterfront and expect to be treated by the various talents of the numerous artists who reside on our shores. Each very unique home you see will be a treasure to remember. Docents will be on-board to sate your curiosity about the waterfront lifestyle and answer any questions you might have. Kappas Marina Green will provide respite and fun throughout the day, featuring local musicians, artists and a variety of food and drinks, which will be available for your purchase. Advance tickets are recommended as the tour regularly sells out. Purchase tickets online for \$40 via www.floatinghomes.org. Tickets on the day of the tour will be \$45. Additional information can be obtained by calling the Floating Homes Association at (415) 332-1916.

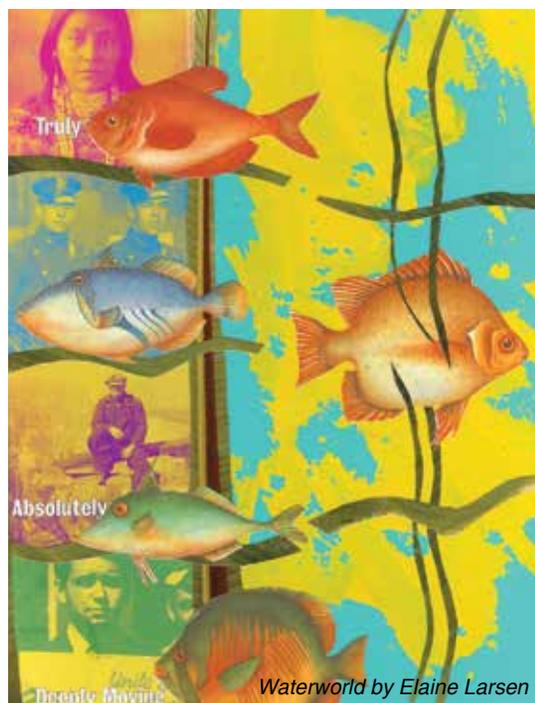
5K Walk and Lights On Festival in SF

UCSF Medical Center invites the community to participate in its 5K Hard Hat Walk and Lights On Festival on Saturday, September 6, to support its new state-of-the-art medical center for children, women and cancer patients in San Francisco's Mission Bay. The fundraising events kick off the final countdown to the grand opening of UCSF Medical Center at Mission Bay on February 1, 2015. The interactive 5K Hard Hat Walk concludes with the Lights On Festival, a street festival and light show projected onto the new UCSF hospitals. Members of the Warriors organization will join the festivities for the 5K Hard Hat Walk, which will begin on Third Street and finish in front of the new hospitals. Pre-walk festivities begin at 3:30 p.m. and the walk begins at 5:30 pm. At

the finish line, participants who have donated or raised a minimum of \$100 will be welcomed to the Lights On Festival to enjoy complimentary refreshments from more than 20 local eateries. Entertainment includes more than 10 live performance groups including local bands San Francisco Rock Project and WJM, the world's youngest social-impact rock band (fifth graders in a rock band!), and Emmy-nominated DJ Cory Live! As the sun sets, the festival will conclude with a light show projected onto the new facilities until 8:30 p.m. Participants can walk as individuals or form teams to fundraise, directly contributing to the lifesaving work that happens at UCSF Medical Center on a daily basis. Registration for the Hard Hat Walk is \$25 and each participant gains entrance to the Lights On Festival with an additional \$75 donated or raised for a total of \$100 (children 12 and under have no minimum fundraising requirements).

Environmental Art

MarinMOCA's First Annual Juried Member Exhibit titled *Rising Tides - Shifting Boundaries* opens August 30. The theme of the show invites an artistic response to global warming and climate changes, and issues regarding physical and/or economic survival and adaptability,



populations of life forms, food/water sources and emotions relating to these concerns. A committed environmentalist herself, artist Mary Eubank is the juror for this show. The exhibit will be open from August 30 to October 5, and the public is invited to attend. The Marin Museum of Contemporary Art is located at the Novato Arts Center at Hamilton Field, 500 Palm Drive, Novato, California. Hours are Wednesday through Friday 11 a.m. to 4 p.m. and Saturday through Sunday, 11 a.m. to 5 p.m. Admission is free. Visit MarinMOCA's website at www.marinmoca.org or call (415) 506-0137 for more information.

Wilderness Festival in Vallejo

To celebrate the 50th Anniversary of the Wilderness Act, the Visions of the Wild Festival will be held in Vallejo from September 3 to 6. The event will bring ideas and values of wilderness to a diverse San Francisco Bay Area audience. The multi-day festival will include author talks, panels, concerts, art exhibits, a film series and field trips. The goal is to connect diverse urban communities to the wildness of nature around them. The festival is sponsored by the U.S. Forest Service, the Vallejo Community Arts Foundation and many other agencies and organizations. The festival will take place at several locations in downtown Vallejo with the primary venue being the Empress Theater. For more details, visit www.visionsofthewild.org.

Brews on the Bay

Join the San Francisco Brewers Guild for another edition of Brews on the Bay, Saturday, September 13, from 12 - 5 p.m. Enjoy over 60 different beers made by San Francisco breweries, while soaking up the salty air, sunshine, live music, food, and spectacular views of the Golden Gate Bridge, Alcatraz and San Francisco. It's one of the most

memorable and unique beer festivals in the country. Member breweries will serve unlimited eight-ounce pours of their latest and greatest IPA, farmhouse ale, session beer, barrel-aged sour, imperial stout, and many other beer styles. The brewers will also be on hand to serve beer and answer questions. In addition to the local beer, there will also be local food and music. Tame your appetite by sampling San Francisco's best food trucks and carts. Then you can tap your feet to music from Three Times Bad and The Up and Down. For the eleventh year, the fest will be held aboard the S.S. *Jeremiah O'Brien*, which is a historical landmark from the World War II Merchant Marine era. A portion of festival proceeds will benefit the National Liberty Ship Memorial. For more information and to purchase tickets, visit the Events page at www.sfbrewersguild.org.



Pickin' on the Potomac

Enjoy the foot stompin good sounds of the High Country Bluegrass Band dockside on the Presidential Yacht *Potomac* on Friday, September 12 from 7:30 to 9:30 p.m. Beer, Wine and Bar Nibbles will be available for sale. Tours of the ship are offered starting at 6:30 p.m. Tickets are \$25 per person, and are fully tax deductible as they support the Educational Cruise program. For more information and reservations, visit www.usspotomac.org or call (510) 627-1215 .

To have your event or announcement considered for the Bay Crossings Around the Bay listings, please send information or a press release to: joel@baycrossings.com.

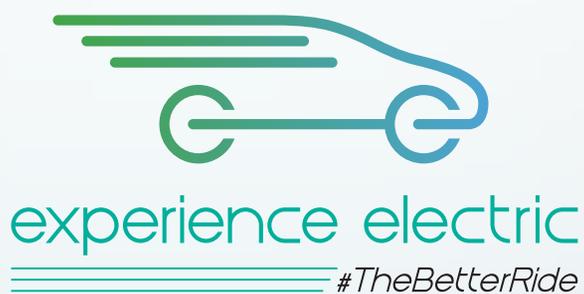
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Test Drives

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FEEL THE POWER!

Come feel the power and test-drive the latest electric vehicles – and learn more about EV adoption for free!



**National Drive Electric Week @
DeAnza College Ride & Drive Event**
Saturday, September 20, 2014 – 10 am to 4 pm
21250 Stevens Creek Boulevard, Cupertino

**Valley of the Moon Vintage
Festival Ride & Drive Event**
Sunday, September 28, 2014 – 10 am to 3 pm
405 First Street, West Sonoma

Biketoberfest Ride & Drive Event
Saturday, October 11, 2014 – 12 pm to 5 pm
773 Center Boulevard, Fairfax

**VivaFest! Dia De Los Muertos
Ride & Drive Event**
Saturday, October 25, 2014 – 12 pm to 5 pm
Second Street and St. James Street, San Jose

For other dates check the event links at facebook.com/TheBetterRide, or go to energycenter.org/experienceelectric/events



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