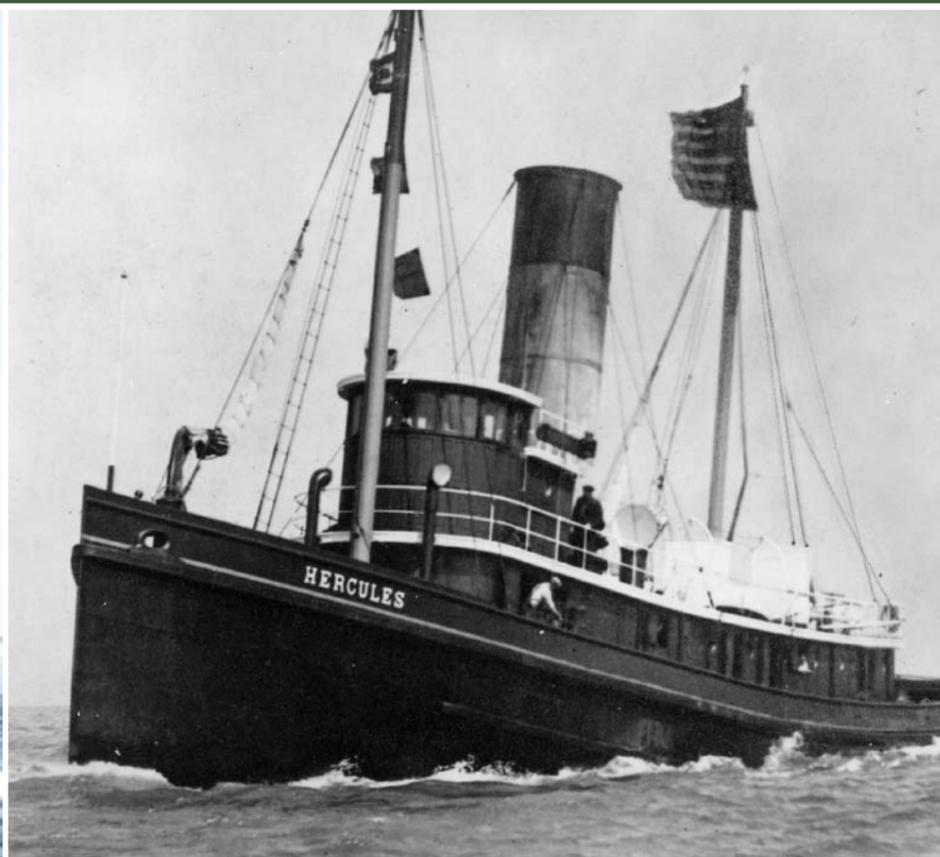




The Maritime News

The Official Newspaper
of San Francisco Maritime
National Historical Park

September, October, November 2007



Tugboat Festival Honors 100 Year Old *Hercules*

San Francisco Maritime National Historical Park is celebrating the centennial birthday of the steam tug *Hercules*, the only surviving steam-powered ocean tug in the United States. On September 22, please visit Hyde Street Pier between 11am and 5pm for the free Tugboat Festival.

Hercules is the 100 year old main attraction and there will be lots of activities to choose from. Ranger-led tours of the ship will let you experience what it was like to be a sailor working on the open deck or deep down in the boiler and engine rooms. Musicians will perform traditional maritime music commemorating *Hercules* and the sailors of her time. Kids can create maritime crafts, earn a Junior Ranger badge and become a "Junior Tugboater" by completing special tugboat activities. Special exhibits and films illustrating *Hercules'* history, and modern tugboats, will be available in the park's Visitor Center. Accessible presentations will be available on the pier. Admission to the park's other historic ships will be free.

The ocean-going steam tug *Hercules* was built in 1907 for a job that is still performed today. Although long retired, and 100 years old, in her day *Hercules* could tow anything that floated. On her maiden voyage from Camden, New Jersey around Cape Horn to San Francisco, *Hercules* towed her sister tug *Goliah* and along the way weathered some severe storms. One storm produced waves that, as her captain described, had *Hercules* "snorting up on end." As *Hercules* climbed up the huge waves she sat almost straight up on her stern. *Hercules* towed barges, sailing vessels like the schooner *C.A. Thayer* (also featured at San

Francisco Maritime), and even giants like the battleship *USS California*. Her namesake would have been proud of her contribution to a job still very much in demand.

Hercules represents not only 1907 marine technology at its height, but also the strength and fortitude of sailors who survived terrifying storms at sea. With up to 17 crew on board, her voyages provided little privacy and prolonged bouts of boredom, punctuated with storm tossed moments of terror and uncertain survival.

Come and experience this unique survivor of the American maritime experience at the Tugboat Festival.



The Labors of HERCULES: 100th Anniversary of the Steam Tugboat *Hercules* 1907-2007 Don't miss this exhibit currently on display in the Visitor Center. Like the legendary Greek strongman who was tasked to accomplish 12 extraordinary "labors," *Hercules* was fated for a life of strenuous challenges. She towed monster rafts of timber and 20-thousand ton loads. This exhibit honors the ship and the people who labored on this legendary tug. Photo: A caisson bound for the Panama Canal dwarfs the mighty *Hercules*. NPS Photo, B5.23,298. Photos, above: *Hercules* (left), steaming on San Francisco Bay in the mid-1990s, and (right) *Hercules* ca 1910. NPS Photos.

Welcome

This fall we are happy to commemorate the centennial of one of the park's historic ships – the steam tugboat *Hercules*. Come help us celebrate *Hercules'* 100th birthday at the Tugboat Festival on September 22. Find out how the park, and the American people, make it possible for historic ships like *Hercules* to continue to flourish. Ship tours, demonstrations, music, and kid's activities will all be part of the festivities.

Please stop by the Visitor Center to enjoy a special exhibit, "The Labors of *Hercules*," that uses video, historic photos, maps, and text to honor the ship and the people who labored on this legendary tug.

Speaking of centennials, we are planning for 2016 and the 100th anniversary of the founding of the National Park Service. We look forward to being a part of the many exciting projects that our park, and other NPS units, will be embarking on during the next nine years: projects that will help our parks remain special places, places that continue to unite us all as Americans. Go to www.nps.gov/2016 for information on the Centennial Initiative.

Kate Richardson
Superintendent



1 Tug *Hercules* Turns 100

Happy Birthday *Hercules*! The only surviving steam-powered ocean tug in the United States.

2 Sea Music Concert Series

The 19th annual Sea Music Concert Series returns this fall to *Balclutha* with two great performers.

4 A Gull's Eye View: Activity Page for Kids

Meet Gertie and Mel; two gulls who live on tugboat *Hercules'* pilohouse.

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National Park Service
U.S. Department of the Interior

San Francisco Maritime National Historical Park

Established in 1988, San Francisco Maritime National Historical Park encompasses only 34 acres, but contains the most national historic landmarks of any unit in the National Park Service. In addition to the fleet of ships at Hyde Street Pier, the park includes the Aquatic Park Historic Landmark District (Bathhouse building, urban beach, lawn area and bocce ball courts), a Visitor Center and a research library (in Fort Mason Center).

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Maritime News September, October, November 2007 Volume No.18

Harry Morgan Chief Engineer

Much has been said about the love and dedication of sailors to their ships. Often the survival of a ship in a moment of crisis is due to the skilled and sometimes desperate efforts of her crew. These moments do not always occur in a storm at sea. Sometimes they occur in the backwaters of a calm harbor where the enemy is not turbulent, wind swept waves, but rather time and neglect. This most often leads a vessel to a fatal conclusion. The few that survive often owe their continued existence to retired sailors who are again responding to a ship in need. For the steam tug *Hercules*, Chief Engineer Harry Morgan was one such sailor.

In January, 1987, when Harry Morgan signed on as *Hercules*' voluntary chief engineer, he brought along a lifetime of maritime experience. In the engine rooms of 36 U.S. Merchant Marine steam and motor vessels, he worked his way up from wiper, an entry-level maintenance job, all

the way to chief engineer, the "captain" of the below deck realm. During World War II, Harry saw service as chief engineer on Liberty Ships and a Victory Ship. Postwar, he continued sailing until his retirement from the sea in 1968.

Leaving the sea, however, did not mean his retirement from engine rooms. After leading the mechanical restoration of the museum Liberty Ship S.S. *Jeremiah O'Brien*, Harry brought his talent to the *Hercules*.

Even though *Hercules*' machinery lay idle for nearly 30 years, Harry restored it to operating condition in less than four years. In fact, while working on *Hercules* between 1987 and 1991, Harry put 34,651 miles on his car. This mileage is most impressive when one realizes that it is nearly two and a half times the distance *Hercules* traveled on her first voyage around South America! The ship's restoration was a rescue effort, especially where her machinery was concerned. Those who visit and enjoy *Hercules* today owe Harry Morgan much thanks for this treasure he helped save.

By Christopher Edwards, Park Ranger

Sailing Adventure



Immerse yourself in history aboard the 1891 National Landmark scow schooner *Alma*. Haul line to raise the sails with National Park Service rangers as you explore San Francisco Bay aboard the 80 foot *Alma*. Feel the waves, breathe the salt air, handle the lines, and learn the stories!

Before highways and bridges, hundreds of scow schooners like *Alma* plied San Francisco Bay, hauling goods as the "flat-bed trucks" of their day. The last of her kind, *Alma* will transport you to a long ago era on this unique, hands-on educational program with the National Park Service.

Take in dazzling views while learning about San Francisco's riveting history. Hear about Native Americans, Spanish explorers, the Gold Rush, lighthouses, the Barbary Coast, Fisherman's Wharf, earthquakes, fires, shipbuilding and much, much more.

Afternoon sails will depart from Hyde Street Pier on several Saturdays during September, October and November. For specific sailing dates and ticket prices, please call the park Visitor Center, 415-447-5000.

Sea Music Concert Series

The Sea Music Concert Series returns to the historic sailing ship *Balclutha* at Hyde Street Pier for two evening performances on October 20 and November 10, featuring performers John Roberts and Tom Lewis.

Now in its nineteenth year, the concert series continues the musical tradition of San Francisco Maritime, bringing together performers and audiences to enjoy the rich heritage of sea music aboard a spectacular historic vessel.

John Roberts, who also plays the concertina and banjo, is a leading performer of English folk songs, and Tom Lewis brings a powerful

voice and infectious humor to his performance of traditional and original songs.

All concerts are presented at 8:00pm at San Francisco Maritime National Historical Park aboard the historic vessel *Balclutha*, moored at Hyde Street Pier at Fisherman's Wharf.

Tickets for each performance are \$14, and \$12 for San Francisco Maritime National Park Association members. A money-saving season ticket is also available for \$24. For tickets call 415-561-6662 x33 or contact the Association at P. O. Box 470310, San Francisco, CA 94147-0310.

Sign Aboard at the Park Association

You can show your support for the park through membership in the Maritime Park Association, our non-profit partner organization. Your membership assists with education and preservation projects for park ships and collections. Membership comes with special benefits at each level, including the *Sea Letter* magazine, free ship admission, and Maritime Store discounts. For more information, call Member Services at 415-561-6662 x12, or go to www.maritime.org.

Our Ambassador Just for Kids

It's not often that San Francisco Maritime has an ambassador among its ranks but this summer was special. The park played host to Katie Rose Dailey, its first ever Junior Ranger Ambassador, assigned to improve our existing Junior Ranger program and make it more fun than ever to earn your San Francisco Maritime Junior Ranger badge.

Katie Rose completed the 12-week internship on behalf of the Student Conservation Association (SCA), the National Park Service, and the National Park Foundation.

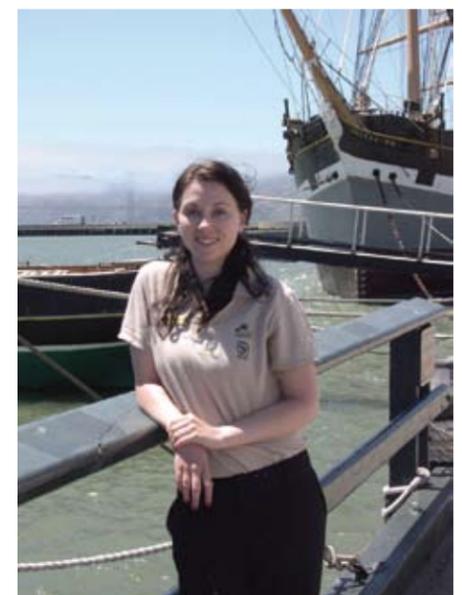
She expanded and revised the current Junior Ranger booklet to make it more kid friendly, hands-on, and accessible to a diverse audience. In an effort to expand the program's appeal, she arranged to have the booklet translated into Spanish. She also devised a

plan to market the booklet to local Hispanic communities.

Katie Rose is one of 30 Junior Ranger Ambassadors placed at parks throughout the country as a part of the Junior Ranger Ambassador Initiative, and funded through the SCA. These ambassadors are working to reach out to underserved audiences and improve access to NPS resources.

Katie Rose is currently a graduate student at George Washington University in Wash., D.C., and is a 2006 graduate of U.C. Berkeley, where she received a B.A. in Anthropology and Celtic Studies.

Look for Katie Rose's work in the fall, when the improved Junior Ranger booklets will be available at the park!



Visitor Information

Dates and Hours of Operation

The *Hyde Street Pier*, located at Hyde and Jefferson Streets, is open 9:30AM–5:00PM—last entry at 4:30PM (October 1–May 26), and 9:30AM–5:30PM—last entry at 5PM (May 27–September 30).

The *Aquatic Park Bathhouse Building* is located on Beach Street at the foot of Polk Street. The building was closed in July 2006 for major renovation work. For more information, call the Visitor Center, 415-447-5000. The Senior Center, located in the building, remains open.

The *Visitor Center*, located at the corner of Hyde and Jefferson Streets, is open 9:30AM–5:00PM (October 1–May 26) and 9:30AM–7:00PM (May 27–September 30).

The *Maritime Library*, on the third floor of Bldg. E in Fort Mason Center (auto entrance at Buchanan Street and Marina Blvd), is open to the public by making an appointment: Monday–Friday (1PM–4PM), and the 3rd Saturday of the month (10AM–4PM). Call 415-561-7030.

No-Fee Areas

Visitor Center, Hyde Street Pier, Aquatic Park Historic District and the Maritime Library (Fort Mason Center).

Boarding Pass (Entrance Fee For Historic Vessels): \$5.00

Free for supervised children under 16. Free with Federal Interagency Annual, Senior, and Access Passes, and San Francisco Maritime NHP Pass.

Reservations/Permits

Reservations for school groups and other educational groups must be made at least two weeks prior to your visit. At least one month's notice and application for Special Use Permits is required. Filming permits are arranged on an individual basis.

Contact Information

General Park Information: 415-447-5000

Maritime Store: 415-775-2665

Maritime Library: 415-561-7030

USS *Pampanito*: 415-775-1943

Park Website: www.nps.gov/safr

Association Website: www.maritime.org

Music, Tours, Events, and Living History

MUSIC

2007 SEA MUSIC CONCERT SERIES
October 20 and November 10, 8PM. Aboard Balclutha at Hyde Street Pier. For ticket information call 415-561-6662, ext. 33.

CHANTEY SING

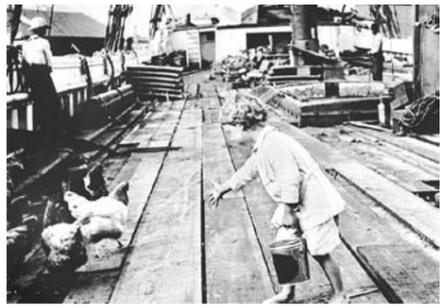
Saturdays, September 1, October 6 and November 3, 8PM-MIDNIGHT. No fee. Aboard a historic vessel at Hyde Street Pier. Reservations required: call 415-561-7171 or email peter_kasin@nps.gov.

Sing traditional working songs aboard a historic floating vessel. Bring a mug for hot cider served from the ship's galley.

MUSIC OF THE SEA FOR KIDS

Saturdays, September 15, October 20 and November 17, 3PM. Aboard Balclutha at Hyde Street Pier. Vessel admission (under 16 free). History comes alive for kids in this special program, where the songs are geared for younger ears and chosen especially for fun. Ages 7 and up. ☺

NEW PROGRAMS



SAFR photo, K9.24.835

CHILDREN AT SEA

Sundays, September 2 and 16, October 14 and November 11, 1PM - 1:45PM. Aboard Balclutha at Hyde Street Pier. Vessel admission (under 16 free).

From the children of sea captains to the lowly cabin boy, children on 1880s sailing ships lived very differently from their land-based counterparts. Find out how as Ranger Carol Kiser leads you through Balclutha on this 45-minute program. ☺

ALMA INTERPRETIVE SAIL

Saturdays, September 15 & 22, October 20 & 27, and November 3, 10 & 17, 1PM - 4PM. Aboard the scow schooner Alma, Hyde Street Pier. Ticket information, 415-447-5000. Immerse yourself in history aboard this 1891 National Landmark scow schooner. Haul line to raise the sails with National Park Service rangers as you explore San Francisco Bay aboard the 80 foot Alma! Feel the waves, breathe the salt air, handle the lines, and learn the stories. ☺

MORE PROGRAMS

HISTORIC WATERFRONT WALKING TOUR: FROM GOLD RUSH TO NATIONAL PARK
Fridays and Saturdays, September, October and November, 10:30AM. Meet in the Argonaut Hotel lobby (495 Jefferson St.), adjacent to the Visitor Center. Free.

Over the last 160 years, industrial and recreational uses changed the environment of San Francisco's northern waterfront. Stroll with a Park Ranger to discover the history of this vibrant area on a walking tour through the Aquatic Park Historic District, the Cannery, Hyde Street Pier, and "Fish Alley" at Fisherman's Wharf. The tour is one hour and covers approximately one mile, with some gently sloping and uneven terrain. Dress in layers, wear sunscreen, and good walking shoes. ☺

☺FUN FOR FAMILIES PROGRAM

CRAFTS FOR KIDS

Saturdays, October 27 and November 24, 1:30PM - 2:30PM. Meet at the entrance to Hyde Street Pier. Free.

Learn a little about life at sea and make a maritime craft! ☺

BOOK TALK: "THAR SHE BLOWS"

Sunday, September 23, 1:30PM to 1:45PM. At the Sailor's Den in the Visitor Center. Free. Join a librarian for a whale of a tale about great books to read about whales and whaling. She'll be spouting about Yankee whaling, Neeluk, an Eskimo boy, and more. ☺

ADVENTURES AT SEA: LIFE ABOARD A 19TH CENTURY SAILING SHIP

Daily, September, October and November, 2:15PM. Aboard Balclutha at Hyde Street Pier. Vessel admission (under 16 free). No tour on Thanksgiving Day, Nov. 22, park is closed. Join in on a guided tour of the historic ship Balclutha. Discover the hardships and rewards of the sailors who fought for survival during the treacherous Cape Horn passage. ☺

CAULKING A SEAM

Sundays, September 30, October 28 and November 18, NOON. Aboard Balclutha at Hyde Street Pier. Vessel admission (under 16 free). Watertight seams are essential on wooden sailing ships. Park Ranger Carol Kiser demonstrates the steps involved in caulking a deck seam. ☺

EUREKA ENGINE ROOM TOUR

Sunday, September 9, Saturday, October 13 and Sunday, November 4, 2PM. Meet on Eureka's gangway. Vessel admission (under 16 free). Take a special tour of the ferryboat Eureka's engine room and get a close-up look at what makes a steam ferry run.

HERCULES ENGINEERING TOUR

Sundays, September 9, October 21 and November 4, 3PM. Meet at the gangway on the Pier. Vessel admission (under 16 free). Tour includes climbing moderately steep ladders and entering cramped spaces. Explore the major engineering spaces and learn about steam engine technology and its effects on the working environment of the marine steam engineer.

RESTORING THE C. A. THAYER

Saturday, September 15, Sunday, October 21, and Saturday, November 10, 2PM. In the Visitor Center theater. Free. This illustrated presentation will describe the recent restoration of the lumber schooner C. A. Thayer and the unique way she returned to Hyde Street Pier.

THE OCEAN: BARRIER OR HIGHWAY?

Sundays, September 16, October 14 and November 18, 2PM. In the Visitor Center. Free. Was the ocean a barrier or a highway for the vessels Balclutha, Thayer and Hercules? Join a ranger for a 30-minute slide presentation to examine this question.

CRUISE OF THE SHENANDOAH

Saturdays, September 29, October 27 and November 24, 2PM. In the Visitor Center theater. Free. This illustrated program describes the 1864-65 cruise of the C.S.S. Shenandoah in the Pacific Ocean during which she almost completely destroyed the San Francisco based Pacific whaling fleet. Join a Park Ranger as he traces the 27,000-mile cruise of the Shenandoah.

SMALL CRAFT ON HYDE STREET PIER

Sundays, September 30, October 28 and November 25, 2:00PM. Meet at the Small Boat Shop. Free.

Join a Park Ranger for a special tour of the unique collection of small craft berthed on Hyde Street Pier's floating docks.

SMALL CRAFT COLLECTION TOUR

Saturday, November 3, 9:30AM-2:30PM. Meet at the Small Boat Shop. Free. Reservations required; call the Boat Shop at 415-556-4031. Bring a bag lunch and ride with us over to our small craft warehouse in Alameda. We'll tour the collection of nearly 100 local historic boats, discussing interesting elements of their history, design and construction.

DIESEL ENGINE MAINTENANCE CLASS

Saturday, October 27, 9AM - 5PM. Fee: \$100. At the Small Boat Shop on Hyde Street Pier. Call Lucas Lineback for information, 415-561-6662, ext. 30. Learn how to maintain and troubleshoot marine diesel engines.

MODELMAKING

MODELERS' WORKSHOP

Saturdays, open throughout the fall, beginning at 9:30AM. On the car deck of the Eureka. Vessel admission. The Hyde Street Pier Model Shipwrights conduct ship model building classes in the model shop on Eureka on Saturdays. Classes begin at 9:30am and continue into the afternoon. They are currently building a model of the sloop Freda. Modelmeister Paul Reck, who has built models on display in the Visitor Center and St. Francis Yacht Club, is the primary instructor. Anyone interested in building models is invited to stop by. For information, contact Leo Kane at kanebulota@sbcglobal.net or Paul Reck at stoddardNH@comcast.net or call the Volunteer Office, 415-556-1613.

COSTUMED LIVING HISTORY

A DAY IN THE LIFE: 1901

Saturdays, September 8, October 13 and November 10, 10AM-4PM. Aboard the historic vessels at Hyde Street Pier. Vessel admission (under 16 free). Step into the past as you board the historic ships. Help the sailors on Balclutha raise the staysail in the morning and return for musical fun during the afternoon dogwatch. Visit the ship's cook in the galley. Learn about life in 1901 from ferryboat passengers on Eureka, and talk to the engineer about the steam engine. Join Mrs. Galan on the Ark houseboat for afternoon tea and discuss issues of the day. Learn about sailors' arts and crafts as they "Make and Mend" in October. ☺

IN THE LIBRARY

HISTORY OF THE KNEASS BOATWORKS
Saturday, September 8, 2007, 6 p.m. In the Maritime Library. Building E, Fort Mason Center. Fee: \$5 (\$4 Library friends and SFM-NPA) Reservations: 415-561-7040. Mark Kneass will present the history of the Kneass Boatworks, founded in San Francisco in 1874 and in continuous operation until 1970. The boatworks designed life boats and salmon boats, and built a variety of wooden craft including schooners and whaling boats. Kneass will use ledgers, photographs and tools from the Kneass archives.

LIBRARY FRIENDS 25TH ANNIVERSARY CELEBRATION

Saturday, October 19, 2007, 10 a.m. to 8 p.m. In the Maritime Library. Building E, Fort

Mason Center. All welcome; for information: 415-561-7040.

To celebrate 25 years of library support, The Friends of the San Francisco Maritime Museum Library will host a day-long series of lectures and discussions on maritime topics such as whaling, steel shipbuilding, and women at sea. At 6 p.m. author Bill Pickelhaupt will discuss the second edition of his book, "Shanghaied in San Francisco." In early San Francisco, sailors, and other men, were sometimes kidnapped (shanghaied) and forced to work aboard ships. The book will be available for sale and author signing.

THE STORY OF KAISER SHIPYARDS
Saturday, November 17, 2007, 6 p.m. In the Maritime Library. Building E, Fort Mason Center. Fee: \$5 (\$4 Library friends and SFM-NPA) Reservations: 415-561-7040.

Local historian Steve Gilford, author of "Henry J. Kaiser: the Legacy Continues," will present the history of the Kaiser Shipyards, now the site of Rosie the Riveter World War II Home Front National Historical Park. His presentation will include a 1945 documentary film produced by Kaiser. A National Park ranger from Rosie the Riveter NHP will attend to answer questions.

VOLUNTEERS

WOULD YOU LIKE TO GET INVOLVED AS A VOLUNTEER?

At San Francisco Maritime our volunteers provide a variety of services that support the exhibit shop, ships division, small boat shop, maritime library, historic documents department, and interpretation and education. We have the perfect challenge for you! Call the Volunteer Office at 415-556-1613, or visit www.nps.gov/safr/supportyourpark/volunteer.htm

WWII SUBMARINE USS PAMPANITO

Open daily from 9AM, Pier 45, Fisherman's Wharf (Taylor and Embarcadero). Fee: \$9; discounts for families, children, seniors and active duty military. Information: 415-775-1943. Come and experience this authentic World War II submarine. You'll feel history unfold and see how the crew of 80 men lived in amazingly tight quarters. Many authentic artifacts are on display. An audio tour features Pampanito crewmen telling their real-life war stories. The gift store is full of gifts, books, video/DVDs and memorabilia. A National Historic Landmark, the Pampanito is preserved and operated by the San Francisco Maritime National Park Association.

GET BELOW ON A WORLD WAR II SUBMARINE

It's Thrilling!

USS Pampanito
National Historic Landmark
Pier 45
Fisherman's Wharf

\$2 OFF GENERAL ADMISSION
Must be presented at time of purchase
Code MN

Open daily from 9:00 a.m.
415.775.1943 www.maritime.org

Today In The Park

SEPTEMBER

- 1 Historic Waterfront Walking Tour (every Saturday)
Balclutha Ship Tour (daily)
Chantey Sing
Modelmaking Workshop open on Saturdays
- 2 Children at Sea
- 7 Historic Waterfront Walking Tour (every Friday)
- 8 Costumed Living History: A Day in the Life 1901
History of the Kneass Boatworks
- 9 Eureka Engine Room Tour
Hercules Engineering Tour
- 15 Restoring the C. A. Thayer
Music of the Sea for Kids
- 16 Children at Sea

- The Ocean: Barrier or Highway?
- 22 Tugboat Festival
Modelmaking Workshop open
- 23 Book Talk in the Visitor Center
- 29 The Cruise of the *Shenandoah*
- 30 Caulking a Seam
Small Craft on Hyde Street Pier

OCTOBER

- 1 *Balclutha* Ship Tour (daily)
- 5 Historic Waterfront Walking Tour (every Friday)
- 6 Fleet Week Weekend
Historic Waterfront Walking Tour (every Saturday)
Chantey Sing
Modelmaking Workshop open on Saturdays
- 7 Fleet Week Weekend
- 13 Costumed Living History:

- A Day in the Life 1901
Eureka Engine Room Tour
- 14 Children at Sea
The Ocean: Barrier or Highway?
- 20 Music of the Sea for Kids
Library Friends 25th Anniversary Celebration
- 21 Restoring the C. A. Thayer
Hercules Engineering Tour
- 27 Crafts for Kids
The Cruise of the *Shenandoah*
Diesel Engine Maintenance class
- 28 Caulking a Seam
Small Craft on Hyde Street Pier

NOVEMBER

- 1 *Balclutha* Ship Tour (daily)
- 2 Historic Waterfront Walking Tour (every Friday)
- 3 Historic Waterfront Walking Tour

- (every Saturday)
Small Craft Collection Tour
Chantey Sing
Modelmaking Workshop open on Saturdays
- 4 Eureka Engine Room Tour
Hercules Engineering Tour
- 10 Costumed Living History: A Day in the Life 1901
Restoring the C. A. Thayer
- 11 Children at Sea
- 17 Music of the Sea for Kids
The Story of Kaiser Shipyards
- 18 Caulking a Seam
The Ocean: Barrier or Highway?
- 24 Crafts for Kids
The Cruise of the *Shenandoah*
- 25 Small Craft on Hyde Street Pier



The Maritime News is printed on recycled paper using soy-based inks. Please recycle it again.

Fun and Education for Younger Sailors

Hercules: A Gull's Eye View

Gertie and Mel are the two gulls who live on top of *Hercules*' pilothouse. From that perspective, they see things a little differently than other gulls, er, I mean, people. Well, at least Mel does. He really enjoys spouting off facts and figures about his favorite tug. In honor of *Hercules*' 100th birthday, he thought he'd share a few fun *Hercules* facts with you:

☺ On her first voyage, *Hercules* towed her sister ship, *Goliath* on a 13,460 mile journey from New Jersey, where she was built, all the way to San Francisco. You try towing your sister 13,460 miles! That's like taking 1,500 ferry tours of San Francisco Bay without ever getting off.

☺ To tow her heavy loads, *Hercules* required 1,200 feet of cable. That's about as long as 1½ Transamerica buildings.

☺ A bunk on *Hercules* is the same length as a single bed but it is only about two feet wide. When you climb into bed tonight, think about the sailors on *Hercules*. Now imagine your bed is moving up and down and back and forth in a storm at sea. How does anyone get any sleep around here??

☺ *Hercules* is 151 feet long. You could fit two of her, end to end, inside the *Eureka* ferryboat with only a little bit of overhang.

☺ The crew's fo'c's'le, or living quarters, was a space 18' by 18' in the very forward or front part of the tug. Pace that space off and then figure out where you'll put your bunk. Then figure out where to put the bunks of

the other 8 to 11 people who will be living with you.

☺ Why couldn't the sailors play cards? The captain was standing on the deck! Hey, even gulls can only take so many facts.

If you come down to the pier, be sure to look for Gertie and Mel hanging out on top of the pilot house. And wish *Hercules* a Happy Birthday too!



Gertie, or is it Mel?

Photo by Dan Ng

Find the words in the puzzle below.

	GERTIE	MEL	SISTER	BED					
EUREKA	HERCULES	GOLIAH	CABLE	PILOTHOUSE					
H	U	S	Y	Y	V	T	E	W	U
P	I	L	O	T	H	O	U	S	E
H	D	Y	R	L	G	X	R	N	V
Y	E	D	M	E	L	C	E	Z	M
Y	E	R	R	F	T	I	K	Q	D
B	W	T	C	Z	Z	S	A	F	E
K	I	G	U	U	I	C	I	P	L
E	Q	H	A	I	L	O	G	S	B
J	P	K	O	S	Q	E	M	K	A
D	I	O	V	Z	G	W	S	X	C

