

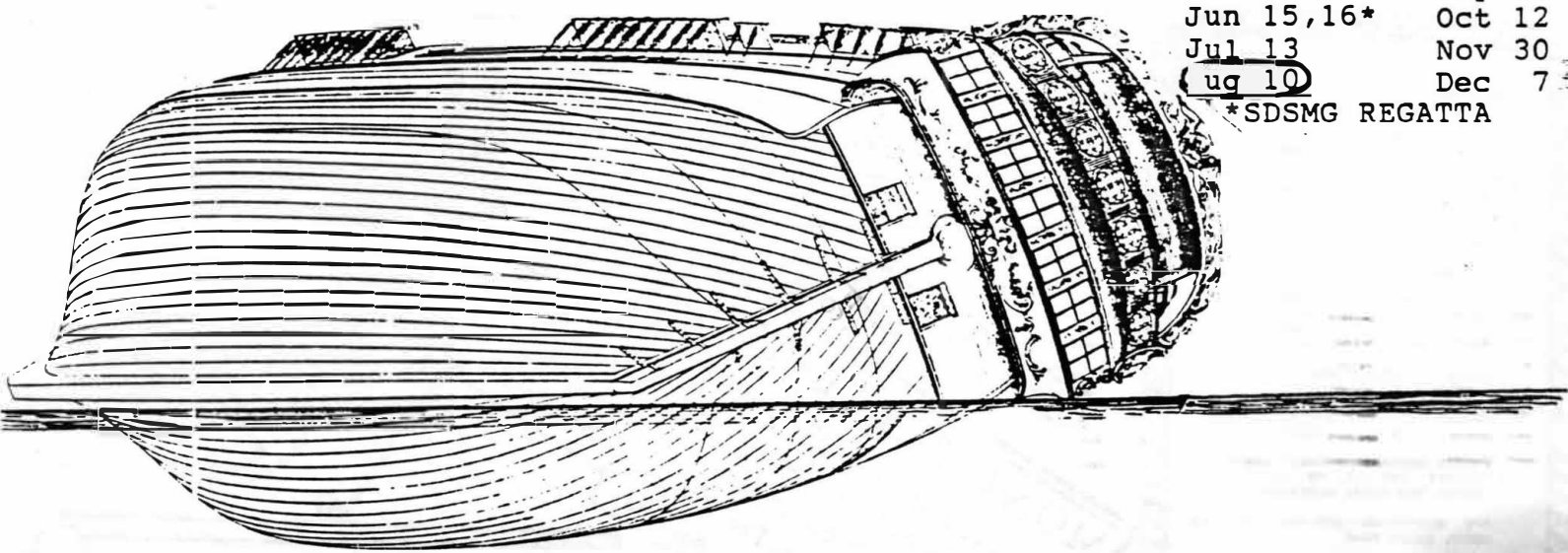
# San Diego Ship Modelers' Guild

Vol. 15 NO. 8

POND CLOSED

Feb 16	Aug 17
Apr 27	Aug 31
May 25	Sep 14
Jun 15, 16*	Oct 12
Jul 13	Nov 30
Aug 10	Dec 7

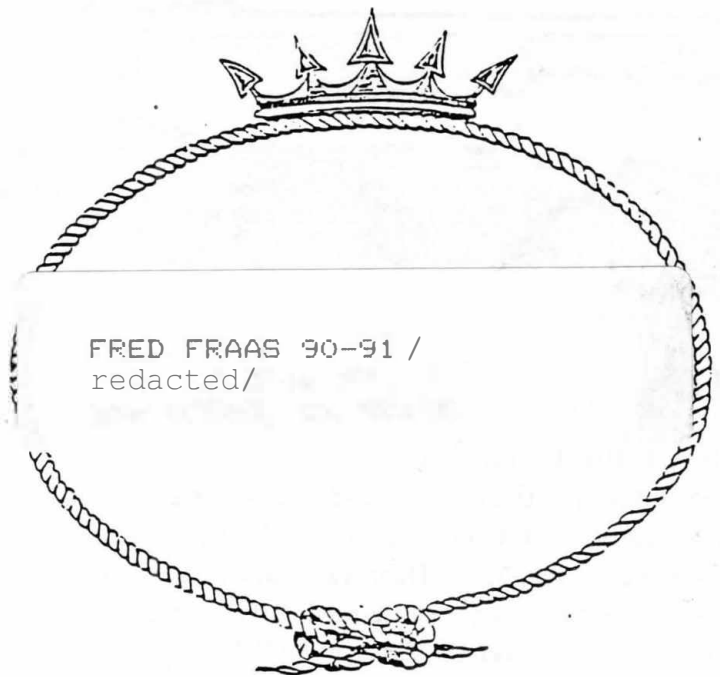
\*SDSMG REGATTA



San Diego Ship Modelers Guild  
MIKE RIVERA  
/redacted/

**AUGUST**

S	M	T	W	T	F	S
			1	2	3	
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31





## REMEMBRANCES OF WAR

### JEREMIAH O'BRIEN TOUR

Return to the way it was aboard the last of 2,751 WWII Liberty Ships with ranger Carol Kiser. Regular O'Brien admission. Sundays, June 16 and July 21. From 11-11:45A.M. at Pier 3, Fort Mason Center.

### O'BRIEN STEAMING WEEKENDS

This 441-foot WWII cargo ship revs up her giant steam engine and opens her "slop chest" store each month for a public open house (June 15-16, July 20-21 and August 17-18). Also open to the public seven days a week at Pier 3, Fort Mason Center. Fee. Call 415-3101.

### WWII SUBMARINE PAMPANITO AUDIO TOURS

Explore this Gato-class submarine seven days a week, from 9A.M.-9P.M. Located at Fisherman's Wharf at Pier 45, near the foot of Taylor Street. Admission fee. Call 929-0202 for more information.

**PRESIDENT**  
JOHN FLACK //redacted/

**VICE PRESIDENT**  
BOB WRIGHT //redacted/

**TREASURER**  
BOB WILLIS //redacted/

**EDITOR**  
MIRE RIVERA //redacted/

**COMMITTEE**  
BOB WRIGHT //redacted/  
ED WHITE //redacted/  
JIM WALKINS //redacted/  
BOB O'BRIEN //redacted/

#### SCHEDULE OF ACTIVITIES:

GUILD MEETING THIRD THURSDAY OF MONTH. 7:00 P.M. SOCIAL  
7:30 P.M. MEETING

STATIC WORKSHOP - EVERY OTHER TUESDAY 7:00 P.M. TO 9:00 P.M. ABOARD THE FERRY BERKELEY.

R/C OPERATION - SATURDAY MORNINGS  
MODEL YACHT FOND

ANNUAL REGATTA - THIRD WEEKEND JUNE.

#### MEMBERSHIP:

DUES ARE \$15.00 ANNUALLY

WE STRONGLY ENCOURAGE ALL TO JOIN SAN DIEGO MARITIME MUSEUM AS AN EXPRESSION OF APPRECIATION FOR THE FACILITIES THEY PROVIDE US.

## MONTEREY FESTIVAL

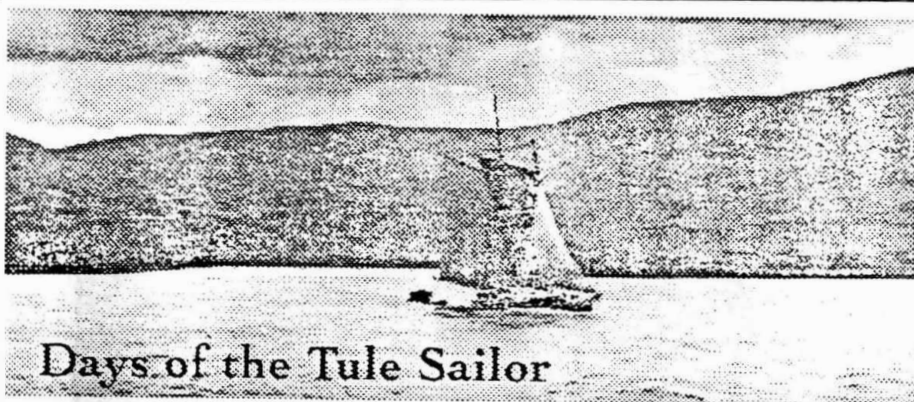
Help us celebrate the restoration of the Museum's 1923 monterey fishing boat with working, scale-model montereyes, discussions of boat-building techniques, and more. The Wetton will be formally re-launched into San Francisco Bay.

## ALMA!

### SCOW SCHOONER CENTENNIAL

You can still see flat barges being towed across San Francisco Bay behind tugs. But imagine that big, square boat minus the tug, with masts and a crew, sailing under its own power. Not so long ago, hundreds of scow schooners criss-crossed the Bay and sailed up the Delta. Today, only one remains: San Francisco Maritime's *Alma!*

This year we're celebrating the centennial of *Alma's* 1891 launching with special sails, exhibits and programs. Festivities will culminate in an all-day event this fall. This sailing season, *Alma* will visit many Bay communities. Watch for *Alma* in your town, come down, and help us celebrate an exciting chapter of Bay Area maritime transportation history.



## Days of the Tule Sailor

### MAJOR EXHIBIT OPENING

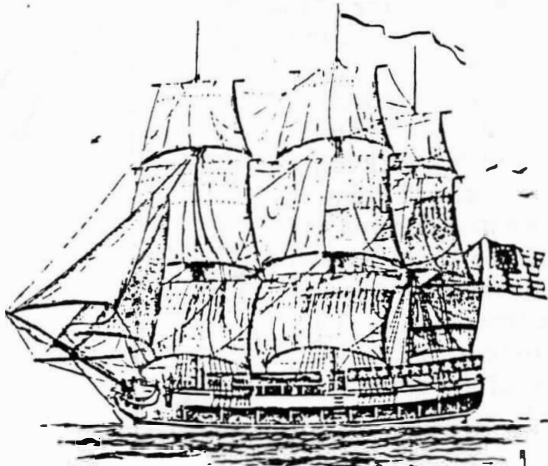
Before the turn of the century, independent men with a love of sailing and no fear of hard work made a good living hauling heavy cargo across the Bay and up the Delta. They were called "tule sailors" because they navigated mostly between "tule reeds." Their boats were called "scow schooners." Rediscover the *Days of the Tule Sailor*

THIS MONTH MY BACKYARD HAS BEEN TEMPE, AZ, LANCASTER, CA. SACRAMENTO AND SAN FRANCISCO BAY WITH A LITTLE WINE COUNTRY IN BETWEEN; NO I'M NOT BRAGGING ABOUT MY LATEST VACATION, BUT INSTEAD I'LL LET YOU IN ON MY LATEST AND SEEMS PERMANENT (FOR NOW) PROJECT THAT OF ARM CHAIR MODEL BUILDER, WHILE TRAVELING AROUND I'LL TAKE IN THE SIGHTS AND LET YOU KNOW--- JUST SO I MAKE IT HOME BEFORE MEETING NIGHT.....

IN SAUSALITO I FOUND THE SAN FRANCISCO BAY AND DELTA MODEL ARMY CORPS OF ENGINEER DISPLAY GOOD INFORMATION ON SAN FRANCISCO WATER WAY AND A LOOK AT A DIFFERENT MODELING FORMAT, BUT FROM A SHIP MODELING POINT OF VIEW, THE BEST IS THAT THIS OUTFIT HAS A GREAT PIER---THE WAPAMA IS ON A BARGE ALONG SIDE, THE ALMA IS TIED UP TO THE BARGE AND ACROSS THE PIER IS THE STEAM TUG HERCULES--- AND GET THIS YOU CAN TOUR THE SHIP BEING RESTORED ON THE PIER FOR FREE - A GOOD SIDE TRIP. IN DOWNTOWN SAUSALITO WE STOPPED FOR BREAKFAST AT THE WINSHIP RESTAURANT, NEXT TO THE SEVEN SEAS, LOTS OF MODEL SHIP, PICTURES, SEA FOLKLORE, A TUG BOAT PILOT HOUSE, REAL COZY IN NAUTICAL SORT OF WAY, REASONABLY PRICES TOO.....

SAN FRANCISCO MARITIME MUSEUM IS HOLDING/CELEBRATING THE DAYS OF THE TULE SAILOR---MORE SCOW SCHOONER FOLKLORE.

**SAN DIEGO SHIP MODEL GUILD SALE**  
 SEPT 7, 1991  
 8AM - 11PM



DISPLAY MODELS  
 R/C MODELS  
 ONBOARD THE "BERKELEY"  
 SAN DIEGO MARITIME MUSEUM

*Sunday..  
 Labor Day  
 'week end!!*



AND  
 THE LOS ANGELES COUNTY DEPT. OF  
 PARKS AND RECREATION PRESENTS

**SCALE SHIP '91 REGATTA**

SUNDAY SEPTEMBER 1, 1991  
 CERRITOS REGIONAL PARK  
 BLOOMFIELD AVE. 195 ST. CERRITOS, CALIFORNIA  
 (SEE MAP ON BACK OF THIS FLYER)

**PRIZES AND TROPHIES**

THE REGATTA WILL START PROMPTLY AT 10:00  
 ALL SCALES AND TYPES INCLUDING SHIP, CLIPPER AND SAIL  
 NO HIGH SPEED OR GAS POWERED

ADULTS: JUDGED ON NAVIGATION ABILITY AND  
 MODEL APPEARANCE

JUNIORS: JUDGED ON NAVIGATION ABILITY ONLY  
 \$6.00 PER MODEL  
 \$5.00 PER MODEL EARLY REGISTRATION, BY AUGUST 25

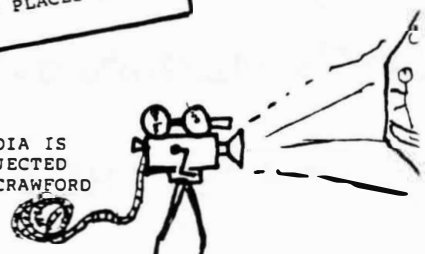
MAKE CHECKS PAYABLE TO TASK FORCE '91 (SEND NO CASH)  
 MAIL ENTRY FORM AND FEES TO: PAUL LUTSHAW CO. TASK FORCE '91  
 2906 OCEAN AVE. #3  
 LONG BEACH, CALIF. 90802

DRIVING NORTH ON 101 FROM SAUSALITO TO HOOK UP WITH THE 121 TO SONOMA FOR SOME GRAPE JUICE AND ON TO I-80 EAST TO SACRAMENTO. OLD SACRAMENTO IS A THROW BACK IN HISTORY, ON THE SACRAMENTO RIVER FRONT, LOTS OF SHOPS, RESTAURANT, CURIO SHOPS AND THE RAILROAD MUSEUM, I WAS VERY IMPRESSED WITH THE OVERALL PRESENTATION AND THE PROFESSIONALISM OF THEIR APPROACH TO THE PUBLIC, GREAT RESEARCH LIBRARY, AND ONE THING I FOUND WAS THE RETIRED RAILROAD VOLUNTEERS AND THEIR STORIES BUT SACRAMENTO STILL WAS 105 AND I HAD HELICOPTERS TO LOOK AFTER REALLY SOMETHING TO LOOK FORWARD TOO.....

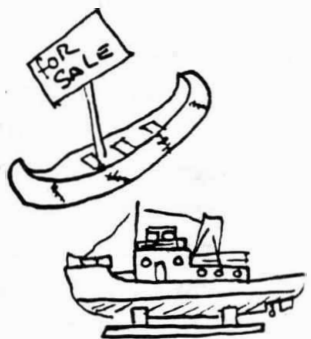
*00== SEE Flyer == !!*

I'M INCLUDING A COPY OF THE SPIRIT OF SACRAMENTO PADDLE WHEELER JUST IN CASE YOU HAPPEN TO BE IN THE AREA AND IF YOU ARE, VISIT THE ITALIAN RESTAURANT "ART OF PASTA" DOWN THE STEPS TO THE BASEMENT AND OUT TO THE COURTYARD, FOR GREAT JAZZ AND GOOD PASTA I BELIEVE IT'S ONE OF THE FEW COOL OUT DOOR PLACES IN SACRAMENTO.....

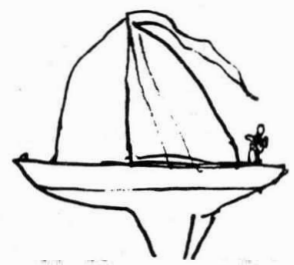
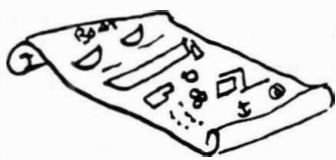
I HEARD THAT THE STAR OF INDIA IS SHOWING MOVIES ON DECK---PROJECTED ON THE MAIN SAIL, CALL BOB CRAWFORD FOR WHATS PLAYING.



WELL VICTORIA AND I WILL HEAD BACK TO SAN DIEGO AND SOME NORMALITY-- -DON'T FORGET SATURDAY, SEPTEMBER 7TH THE MODEL BOAT SALE ABOARD THE FERRY BOAT BERKELEY.... I HEARD FROM A MEXICO MODEL SHIP BUILDER WHO IS MAKING FIBRE GLASS HULLS, A CABIN CRUISER, TUG, OCEAN LINER, ALSO HEARD FROM AUSTRALIA A SMALL R/C GROUP WHOSE BEEN TRYING TO MAKE CONTACT WITH US FOR SOMETIME AND THANKS TO BILL KELLY FLEMING, WHO AS WE ALL KNOW RESIDES IN BOSTON MASS. 3000 MILES AWAY STEERED THEIR LETTER TO US IN SAN DIEGO. IT HAD SOME GREAT PICTURES.....



OUR NEXT MEETING IS THURSDAY, AUGUST 15TH, BRING A MODEL.



Did you know?!!

### Point Arguello

Today, an automatic beacon warns ships of the impending rocks. Over the years, Point Arguello has been the site of many shipwrecks. One of the most famous shipwrecks occurred here on September 8, 1923. The U.S. Navy's Destroyer Squadron 11 was steaming south at 20 knots when they encountered thick fog. Believing they had passed Point Arguello, the squadron commander ordered the turn into Santa Barbara Channel. Instead, seven of the destroyers were wrecked and 23 sailors died when they struck the rocks. It was one of the greatest peacetime Naval disasters.

### Ellwood Oil Field

Beyond the grasshopper-like oil wells is a little known historic spot. On February 25, 1942, Captain Kozo Nishino surfaced the Japanese submarine *i-17* in the Santa Barbara Channel and fired 17 rounds from his 140mm deck gun toward the oil field, inflicting little damage. It was probably the only direct enemy attack on the continental United States in the past century.

## ACROSS THE BAY

### WAPAMA AND HERCULES TOURS

Wapama is a 1915 Pacific Coast steam schooner undergoing state-of-the-art preservation; Hercules, a 1907 ocean-going tugboat, was recently restored to full steaming operation. Explore both vessels on ranger-guided tours. At the U.S. Army Corps of Engineers Bay Model Visitor Center, 2100 Bridgeway, Sausalito. No fee. Most weekends: call 332-3871 for reservations and times. Casual clothing and shoes only—sorry, no children under 12.

Next time you're near Fisherman's Wharf  
navigate yourself to


# The Maritime Store

SAN FRANCISCO MARITIME MUSEUM SHIP  
BLUE PRINTS FOR SALE. SCOW SCHOONER  
ALMA, STEAM SCHOONER WAPAMA AND MONTEREY  
FISHING BOAT AND MORE ARE PLANNED  
FOR THE FUTURE.

Our maritime books and gift items put you  
aboard ships, on sailing adventures and back through  
sea history.

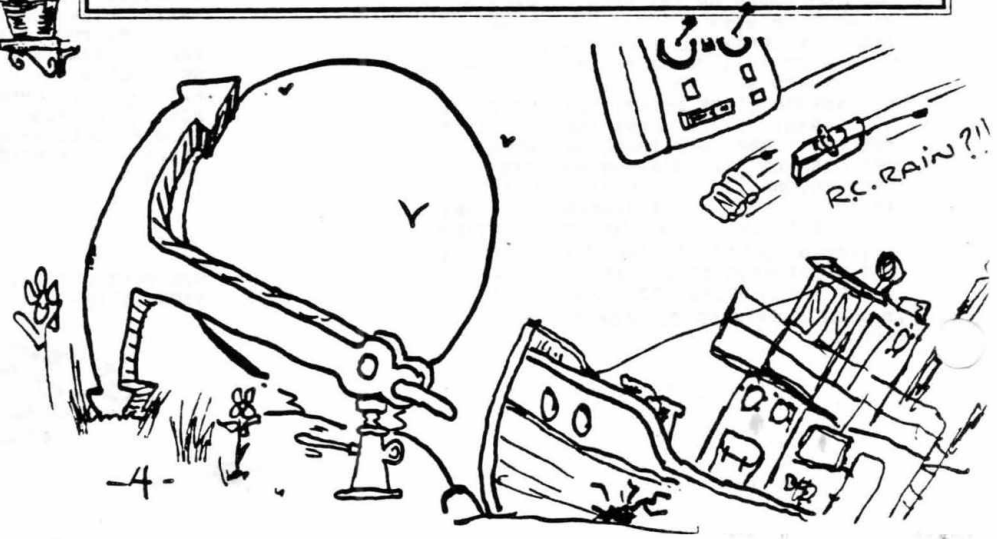
Visit us at the entrance to Hyde Street Pier, on  
Fisherman's Wharf. Wander through our selections  
and see San Francisco's historic fleet.

We are the Museum Store for the San Francisco  
Maritime National Historical Park.



2905 Hyde Street Pier, San Francisco, CA 94109  
Open Daily 9:30 to 5:00 Call 775-BOOK

MAPS • CARDS • MODELS • CHILDRENS BOOKS  
SAN FRANCISCO HISTORY

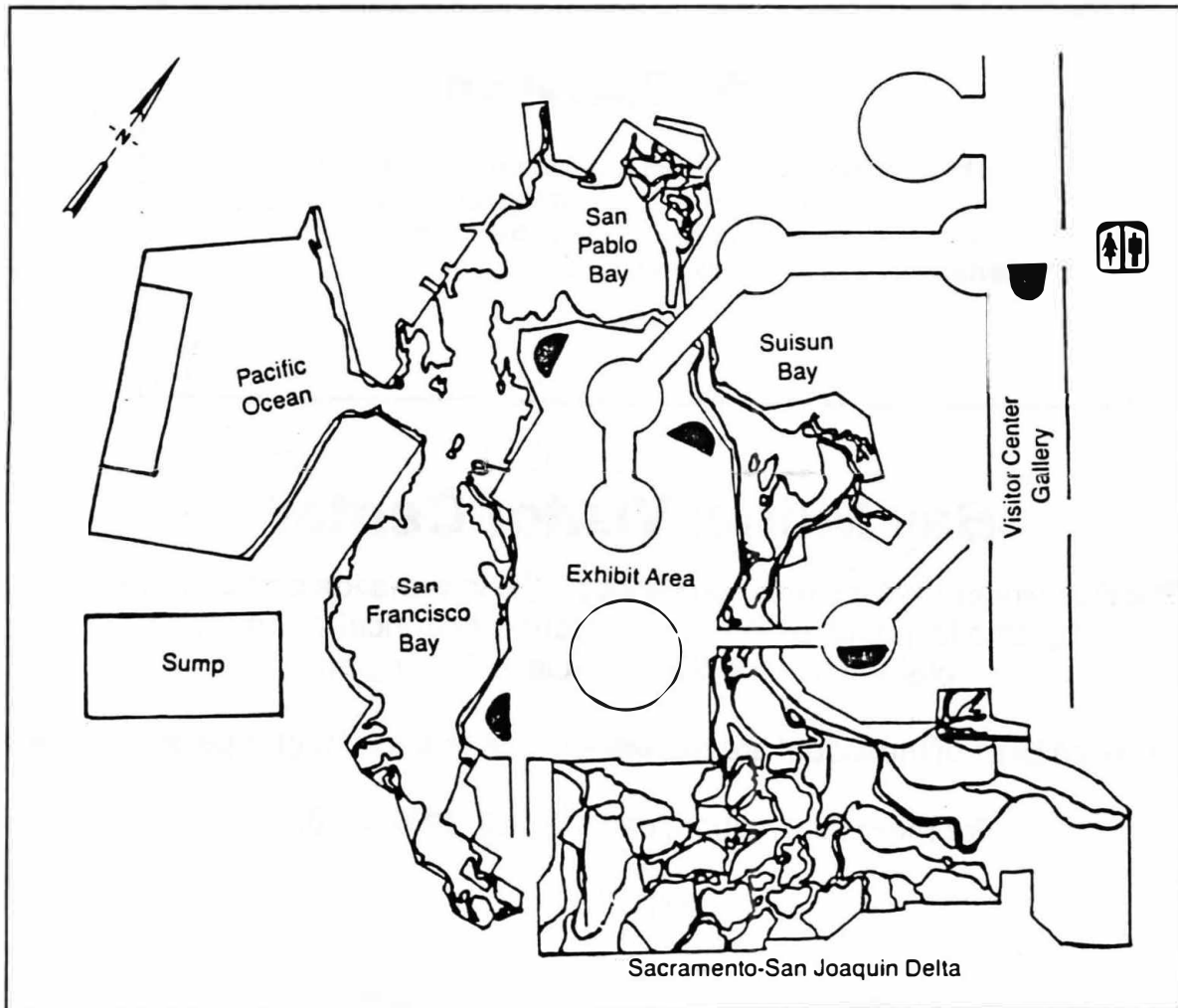


# San Francisco Bay and Delta Model

## U.S. Army Corps of Engineers

The San Francisco Bay and Delta Model is a scientific tool used by engineers, scientists and planners to analyze problems that can't be resolved through textbooks, experience or mathematical models alone. The engineer is able to examine, in a laboratory setting, the effects of change on the physical forces of the Bay and Delta.

Although the model does not look exactly like the Bay or Delta, its action is similar. Think of the model as a simulator of Bay conditions, rather than as a model of familiar landmarks. It reproduces (to the proper scale) the rise and fall of tide, flow, and currents of water, mixing of salt and fresh water, and indicates trends in sediment movement.



SCALES (Model to Prototype)	
Horizontal	1 ft. = 1000 ft.
Vertical	1 ft. = 100 ft.
Velocity	1 ft./sec. = 10 ft./sec.
Time	1 min = 1 hr. 40 min. 14.9 min. = 1 Lunar day 7.2 hr. = 30 days

The surface of the Bay and Delta Model has been painted to represent the various types of land-use found around the Bay Area.

COLOR	LAND USE
RED	Transportation Routes
BLACK	Breakwaters or Dikes
DARK GREY	Water Related Industry, Military Areas, Airports
LIGHT GREY	Salt Evaporation Ponds
BEIGE	Major Urban Areas
DARK BROWN	Uplands
DARK GREEN	Parks
LIGHT GREEN	Marshlands

# Tide Generation and Control

The raising and lowering of Model water levels to simulate the tides of the San Francisco Bay is achieved by varying the volume of water pumped. A 75 HP pump moves water from the sump to the headbay for high tides and adjusts the volume of gravity return flow back to the sump for low tides.

The tides generated by this continuous flow are monitored and controlled utilizing a Hewlett-Packard 1000 mini-computer in conjunction with a Hewlett-Packard 2250 processing unit. Flows are controlled by varying the valve positions of an inflow and outflow valve. Computer programs containing feedback operations compare Model tide elevation and make necessary valve adjustments.

## Model Operation

The operation of the Model is dependent on the testing schedule developed by the Engineering staff. When instruments are being positioned or calibrated, or maintenance performed, the Model may not be in operation.

## Bay Model Visitor Center

The Bay Model Visitor Center provides public information and education programs focusing on the environmental, historical and cultural elements of the San Francisco Bay region.

Ranger-guided tours of the Model are available by reservation for groups of ten or more.

For more information, call 415-332-3870 or 3871.

### HOURS:

(Winter)  
Tues – Sat: 9-4

(Summer)  
Tues – Fri: 9-4  
Sat, Sun,  
Holidays:  
10-6



US Army Corps  
of Engineers  
San Francisco District



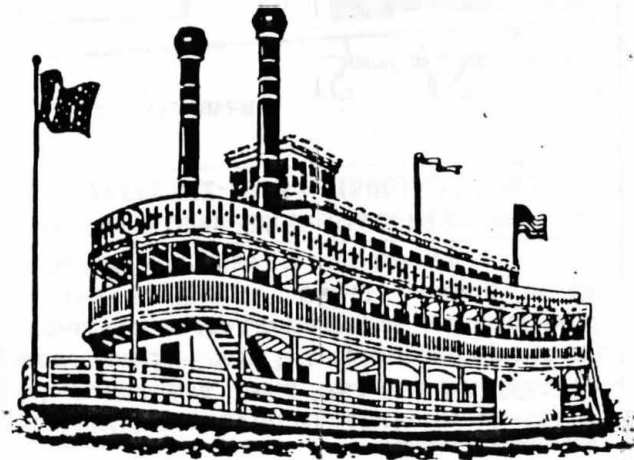
# THE HISTORY OF *The "Spirit of Sacramento"*

The Spring of 1991 saw an elegant new addition to the Old Sacramento Waterfront. Channel Star Excursions' 350 passenger Dinner/Excursion Boat arrived and set a new standard for elegant cruising, dining and entertainment on the Sacramento River. The "*Spirit of Sacramento*", with its ornate woodwork and polished brass, re-captured the romance and glamour of the golden days of riverboat travel. The vessel is an operating paddlewheeler which is 110' long and 32' wide. It has 3 decks and all decks have completely enclosed and climate controlled dining and entertainment areas for year round cruising. The "*Spirit of Sacramento*" is no stranger to the Sacramento river and the return of this vessel was a homecoming event. "The river has teeth" the old riverboat Captains used to say. They were talking about the sunken logs and trees that laid in wait on the riverbottom ready to punch a hole in the hull of some unlucky paddlewheeler. In 1849 alone, three vessels met their fate in this way. The "*Lady Washington*", bound to San Francisco from Coloma, was snagged and sank on her first trip.

In 1881 the US Corps of Engineers built the first "snag" boat and took over the job of keeping the river clear. The last boat was constructed in 1942 in Berkeley, California and was named the "*Putah*". That boat was the original hull for the "*Spirit of Sacramento*". The "*Putah*" was sold to John Wayne in 1954 and was renamed "*Chiku San*" to be used in the production and filming of the movie "Blood Alley". Much of the filming for this movie was done in Stockton and the Califor-

(continued inside)

# PADDLEWHEEL RIVERBOAT Departing from Old Sacramento



**Welcome Aboard**  
**The Historic Paddlewheeler**  
*"Spirit of Sacramento"*  
**Dining Dancing Cocktails**  
**(916) 552-2933**  
**(800) 433-0263**  
**USCG INSPECTED & CERTIFIED**  
**GROUPS TO 350**

Channel Star Excursions, Inc.  
1207 Front Street, #18  
Sacramento, California 95814

*Luxurious Riverboat  
Dining & Cruising*



# 1991 SCHEDULE & PRICES

## REGULARLY SCHEDULED CRUISES

### DINNER CRUISES:

**Thursday** (June thru August)

Boarding begins at 7:00 PM, boat departs 7:30PM and returns at 10:30PM. Dinner service, with choice of entrees, available.

Cruise.....\$15.00/person  
Food and Beverage service per menu

**Friday & Saturday** (April thru October)

Boarding begins at 7:00 PM, boat departs 7:30PM and returns at 10:30PM. Live entertainment. Dinner service, with choice of entrees, available.

Cruise.....\$17.50/person  
Food and Beverage service per menu

### HAPPY HOUR:

**Friday & Saturday** (April thru October)

Boarding begins at 5:00PM, boat departs 5:30PM and returns at 6:30PM. Band and complimentary hors d'oeuvres.

Happy Hour.....\$7.50/person  
Special "Party Packages" available.

### LUNCHEON CRUISES:

**Wednesday - Friday** (June thru August)

Boarding begins at 10:30 AM, boat departs 11:00AM and returns at 1:00PM. Buffet Luncheon available on board.

Cruise with Lunch....\$20.00/person  
Cruise.....\$12.50/person

### CAPTAIN'S BRUNCH:

**Saturday & Sunday** (April thru October)

Boarding begins at 10:00AM, boat departs 10:30AM and returns at 12:30PM.

Gourmet brunch including champagne.

Cruise with Brunch....\$25.00/person  
Cruise only .....\$12.50/person

### SIGHTSEEING TOURS:

**Wednesday - Sunday** (June thru August)

**Friday - Sunday** (April thru Oct.)

One hour narrated cruises depart at:

1:30PM & 3:00PM

Cocktails and Snacks available on board.

Adults.....\$10.00/person

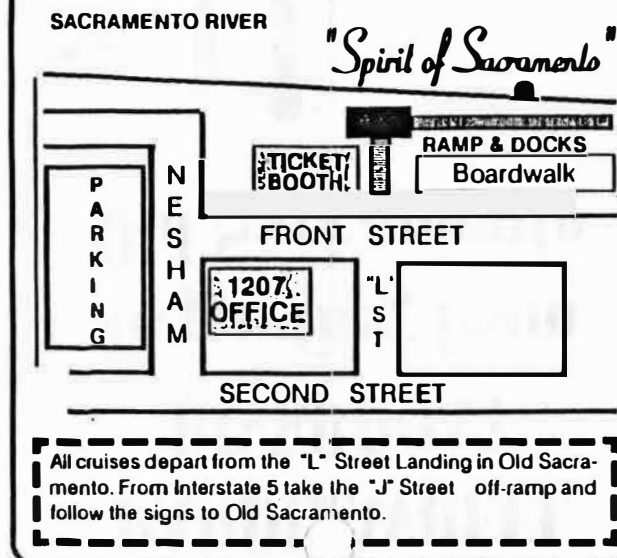
Children (under 12).....\$5.00/person

### CRUISES WITH 35 PASSENGER MINIMUM

The cruises described above will also operate on other days for groups with a 35 passenger minimum (ask for group rates). After the initial 35 passengers have been booked the cruise is opened to the public. A current schedule is available at the 1207 Front Street office.

Reservations are by advance ticket purchase only. Telephone orders using VISA and MASTERCARD are accepted 9-5 daily. Tickets can also be purchased (if available) on the Cruise Day at our ticket booth located at the "L" Street Landing in Old Sacramento. (Please see map below)

For Reservations, Gift Tickets or Information call:  
(916) 552-2933 or (800) 433-0263



### HISTORY (continued)

nia Delta.

Following its debut as a movie star, the vessel was again modified, renamed "*Mansion Belle*" and brought back to Sacramento to operate as a passenger vessel between Sacramento, Freeport and the Grand Island Mansion.

In 1959 the boat left Sacramento and went north to participate in the Oregon Centennial celebration and to run cruises on the Willamette River.

The Pacific Northwest did not agree with the "*Mansion Belle*" and in 1961 she returned to Sacramento. For the next few years she carried passengers on dinner cruises and excursions from a dock on "O" Street just south of the Tower Bridge.

Wanderlust struck again in the early 1970's and the "*Mansion Belle*" left the Sacramento area and went to Southern California to operate cruises in Marina del Mar and later from the "Ports of Call" complex in San Pedro. In 1981 the "*Mansion Belle*" went into the shipyard again and emerged 10 feet longer, 12 feet wider, with a third deck and a new name - the "*Showboat*". She stayed in San Pedro for a few years and then moved to San Diego.

Now, 20 years later, the boat is back in Sacramento with another new name, the "*Spirit of Sacramento*". Its' new home in Old Sacramento is about 300 yards north of the location of the dock used by the "*Mansion Belle*".

**HISTORY HAS COME FULL CIRCLE !**

Tickets for the regularly scheduled cruises are subject to the following refund policy: Tickets returned more than 48 hours prior to the scheduled departure time are subject to a 20% handling charge. No refund will be given for lost tickets, "No Shows" or tickets returned less than 48 hours prior to departure.