

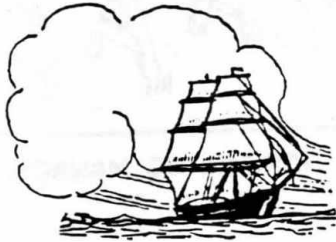


# San Diego Ship Modelers' Guild

1306 N. Harbor Drive

San Diego, CA 92101

May 1993      NEWSLETTER      Volume 17, Number 5



Brig

"Long before man tamed beasts of burden or put wheels to carts, he had fashioned boats."

From "ROMANCE OF THE SEA"  
National Geographic Society



Barkentine

\*\*\*\*\*

## ELECTION RESULTS:

We had good response with our run-off election with more than 60% of the ballots returned. The race was close, but Bob Crawford won as Master and Jim Hawkins will be our new First Mate. Congratulations to you both. Let's give them our full support for 1993.

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1941



1955

## OTHER SUMMER REGATTAS:

- 30 May Task Force 96 at Cerritos Park
- 18 July Inland Nautical Soc. at Fairmount Park
- 24 July So. Bay Shipwrights Walnut Creek
- 7 Aug Maritime Modelers at Low Lake, Cerritos

## MAY

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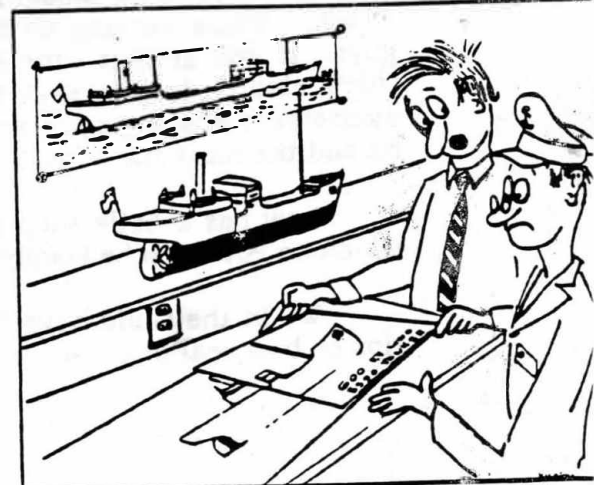
BRING A MODEL TO:

NEXT MEETING NIGHT



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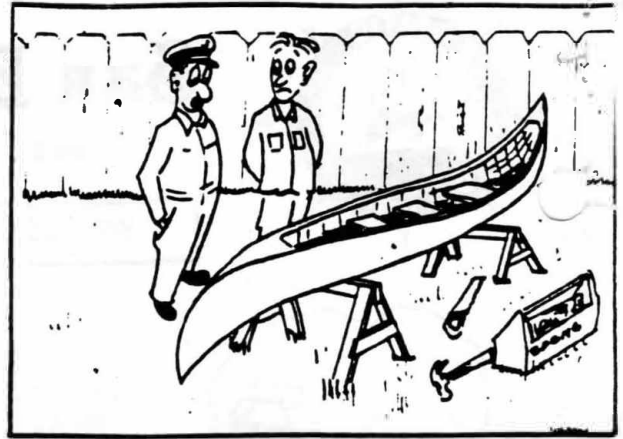
## SHOW & TELL by Nilson



"HERE'S THE TROUBLE FRED, YOU'VE BEEN BUILDING WITH THE PLANS FOLDED."

REMEMBERING LEW HARMELING:

We were saddened to learn of Lew Harmeling's death last month. Prior to moving from La Jolla to San Marcos several years ago, Lew was a very active guild member. A few weeks ago, Mrs. Harmeling contacted Doug McFarland and arranged a donation of books and Moto tools for our model shop. It was in Aug. 1982, Lew was our "Modeler of the Month." In his memory, these articles are reprinted.



"HOW DID HARMELING MANAGE THAT?"

### August Modeler of the Month

\* \* Lew Harmeling \* \*

by Bill Kelly-Fleming

Most modelers work on replicas that are some fractional scale of an actual vessel. Once in a while there comes along someone who prefers to be inventive, to create a scale replica from visual observations only, or to build a full scale replica of a certain type of boat. In our Guild we have one modeler who combines all three of these elements. Another of our transplants from Seattle, our August Modeler of the Month is Lew Harmeling.

Lew has had a strong interest in boats since he was a young boy. Both of his grandfathers were involved with boats, and one of them built quite a number of them. Launches and hollowed out canoes were prominent in Lew's early experience, and one of the first things he carved when given a pocket knife by his grandfather was a crude hull with a stick mast and paper sail. He lost his dad when he was 10 which meant some hard economic times. A neighbor had a toy steam boat which inspired Lew to build one out of materials he could scrounge up, including a hypodermic needle canister for a piston and a bicycle spoke for a shaft.

Lew has made model furniture, liked to sculpt, and has fiddled with carving. His interest in working on full scale boats goes back to when he was 13 or 14 when he helped to build boats and canoes in a basement. At one time he helped his brother-in-law build an 18' centerboard sloop. Several years ago, in order to protect an idea he had for a catamaran using modified dory hulls, he created a business called the "Double Dory Boat Works". Since he is an upholsterer, he had some interesting moments when the Franchise Tax Board came around to check his "Boat Works."

Lew's favorite model is his steam tug "Duke", modeled after a tug he saw in Solano Beach. While working on that model, he went down to the pond and met several of the guys. It was at that time he decided to put a live steam engine in his tug. As for the ship's electronics, he says that aspect leaves him cold. He also finds the challenge and excitement in doing a project, rather than in the completed boat. His dory was the project he had the most fun with, but now he is ready to sell that to make room for his pram.

Lew has a little shop back near the alley at his home, stocked with tools, many of which he got when he bought a whole garage full of used tools for \$200.00.

We in the Guild have found Lew eager to help others with a problem, and helpful in tips on how real boats are built. We salute Lew Harmeling as our modeler of the month.



# San Diego Ship Modelers' Guild

1306 N. Harbor Drive

San Diego, CA 92101

April 30, 1993

Dear fellow Guild Member,

I would like to take this opportunity to bring everyone up to date on the state of the San Diego Ship Modelers Guild as of April 1993.

Our Charter or By-Laws are now complete and were approved by the Membership at the March meeting. The new slate of officers is a hard working group who will continue to keep the club growing and the evening programs diverse and informative. Our membership numbers are about the same for this time last year, but now that the quality of our organization and content improving, lets hope our membership numbers do too.

This years 16th annual Regatta will be one of our best, with a large number of categories and prizes for which to compete. Dan LePage and his committee has put in a great deal of effort towards the organization, promotion, and running of this event. I for one, appreciate the fact that most all of the work was completed outside of the meeting nights, where those most interested could participate without impacting those of us with little interest. Thanks Dan. I hope that our many members, both R/C and static, will participate and the guild not be out numbered by the folks from up North as in years past. Finally, Jim Hawkins as graciously consented to be the 1994 Regatta Commodore. He and Dan will be working together this year to make the transition one of the smoothest ever.

On Saturday September 11, the Model Guild will be guests of the San Diego Maritime Museum aboard the 1904 steam yacht MEDEA for an afternoon cruise. This will be open initially to each guild member and a quest on a first come first serve basis. As a gesture toward the Museum, the Guild will donate \$1,000, so we are asking \$25.00 a head donation to the guild treasury. See Ed White to reserve.

Finally, I regret to inform everyone, but we may have a thief in the model shop aboard the BERKELEY. Presently we are missing a variety of items, from a binder containing a wealth of Floating Drydock catalogs, newsletters and informational pamphlets, to books such as Charles Davis's "The Built up Ship Model" and a book from the "Anatomy of the Ship" series, "Christopher Columbus's ships". These are very valuable to all us and I hope I am mistaken about the thief and the materials have simply wandered off. PLEASE-NOTHING LEAVES THE SHOP without having been checked out and signed for.

In conclusion, lets all make this the best year ever for all of our members. Best wishes to you all and see you at the Regatta.

Sincerely,

Bob Crawford - Guild Master



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#### APRIL 15, MEETING NOTES

The San Diego Argonauts R/C Model Boat Club was invited to provide the meeting's principle program. Its objective was to help the Guild folks to get a better understanding of how the Argonauts operate and how they differ from the Guild.

Bob Crawford, Guild Master, introduced Argonauts Commodore Larry Knudsen who provided hand-outs that gave a general picture of the "sister" club. The Argonauts club provides competitive racing for both sail and power boats. Larry noted that the club has a Constitution to guide its activities and three treasuries. In addition to several Life and Honorary members there are about 115 total paid-up members, about equally divided between Sail and Power.

Mike Veta, Vice Commodore-Power, described the various classes of boats being actively raced in San Diego. Engine size and hull type determines the "class" designation. In addition to monthly local Club Championship races many members travel to invitational meets at other Southwestern California sites. Power boat racing is governed by a national "umbrella" organization known as the North American Model Boat Association which provides liability insurance coverage for the members. Once every year NAMBA conducts a big international championship meet in which a number of Argonauts travel to compete against 600-700 boats to bring back a fair share of the trophies.

Vice Commodore, Sail, Pete Jefferson was next on the "menu". He described the various classes of racing sail boats that are active here. Some are "formula" boats and some are one design. The latter must be identical in hull shape and sail plan. Thus it is the skipper's sailing ability and boat trimming that counts. Pete pointed out that, in contrast to the replicas that Guild members might build, sail boats are basically miniature craft, not modeled after a full sized yacht. Like the Power Division's club races, the Sail members race once each month for annual championship points. The best year's scorers receive trophies at an annual banquet for all club members just as do the Power Div. skippers.

Secretary Larry Lyons described his duties which include keeping a data base of members from which a semi annual roster is prepared. His most appreciated job is the editing and publishing a club News Letter. Larry is well aware of its importance in keeping members informed of recent activities and coming events.

Treasurer Bob Cornell admitted to a tight fisted approach to his job. He maintains three bank accounts designated to the finances of the Club, the Sail Division and the Power Division. Club Dues pay for the news letter and any other expenses that are for the benefit of all members. Sail and Power Division income and expenses are kept separate. He reported that all accounts are healthy.

1955

The Show 'n Tell session was largely provided by several of the Argonauts describing their power craft and the challenges of keeping them running at top performance. It was evident that this is a hobby for good mechanics. Many questions by the Guild members centered on the speed of the boats and the power of their engines.

In other business, John Fluck reported that the run-off ballot was close but Bob Crawford was elected Master and Jim Hawkins, First Mate for the year. Also, Bob Crawford reported that he might be able to arrange a cruise next summer on the steam yacht MEDEA. This would be primarily for the Guild members with any openings available for Argonauts members. The required \$1000. "charter" fee could be met by a cruise ticket price of \$25. per person. A buffet lunch would be provided. More on this as Bob Develops the details.

Treasurer Ed White reported a balance of \$/redacted/. The Program for May is Fiber Glassing and for June: Air Brushing. Dan LePage has plans for the June Regatta in hand but he will need many volunteers. Bob Cornell will make the hardware for the drum-style planking strip sizing equipment.

Bob Cornell, Recording Sec'y.

MODELS AT THE LAST MEETING:

Bob Crawford	USS JOBB (DE-707)	1/8" Scratch (Bob built two identical models on commission.)
Fred Fraas	SS TEXACO NEW JERSEY	1/16" Modified from the Bluejacket kit of WWII T-2.
Doug McFarland	Books, moto tools etc.	donated from estate of Lew Harmeling.
Phil Moore	Shown drill holders	made for most often-used drills. (scratch built)
Bob Wright	Plans for "C.A. THAYER"	--obtained from the San Francisco Maritime Museum.
Bob Cornell	Shown methods for sizing planks.	

"SHOW AND TELL" with the San Diego ARGONAUTS:

Bill Bridge	"A" Hydro fuel-powered, plywood boat; laminated with smooth epoxy & painted.
Larry Lyons	Tunnel Hull/ power
Larry Knudsen	Scale Hydro "Miss SuperTest III - Scratch-built from home-drawn plans.
Michael Veta	Scale Hydro, 1985 "Miller American" MRP "Miss Budweiser" -- entry-level RC boat

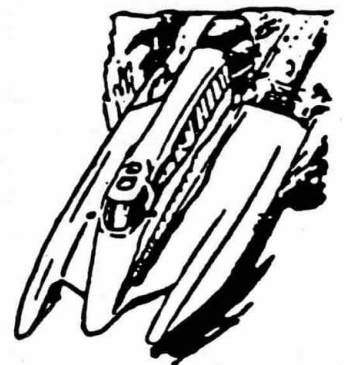
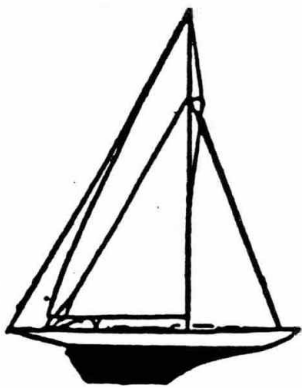
Editors' Note: While we can always hope to have more models at each meeting, our guests really out-did us at the last meeting. Their models certainly "out-numbered" ours. Why not plan now to bring a model to our next meeting??

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# MODEL BOAT SHOW

EXHIBITION RACING & DEMONSTRATIONS

## SWAP MEET



1/8 Scale Unlimited ★ OPC Tunnel Hulls ★ Fast Electric Boats  
Power Race Boats ★ Racing Sailboats ★ Steam Power ★ Scale Electric  
Static Displays ★ Scale Schooner ★ Submarines ★ Tugboats

**SWAP MEET • BARBEQUE • RAFFLE**  
**OPEN TO THE PUBLIC**

**SAT. MAY 15**

**10:00-4:00 San Diego Model Yacht Pond**  
**West Vacation Isle Mission Bay Park**

For More Information Contact Bob Cornell @ 275-3387





**1993 RC FESTIVAL  
SAN DIEGO SHIP  
MODELERS GUILD**

**&**

**SAN DIEGO ARGONAUTS  
SATURDAY, MAY 15  
9:00 AM - 4:00 PM**

\*\*\*\*\*

9:00 SETUP  
-ADVANCE SIGN-UP FOR DEMONSTRATIONS

9:00-4:00 STATIC DISPLAYS BY ALL

10:00 SCHEDULED OPEN RUNNING-15 MINUTES  
-SAIL  
-SCALE  
-POWER

11:00 SCHEDULED SWAP RUNNING-20 MINUTES  
-SAIL  
-SCALE  
-POWER

11:00 START FOOD PREPARATION

12:00 LUNCH

1:00 RACING FOR KIDS-20 MINUTES EACH  
-SAIL  
-SCALE  
-POWER

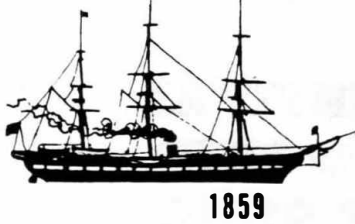
2:00 RACING FOR ADULTS-15 MINUTES EACH  
-SAIL  
-SCALE  
-POWER

2:45 DRAWING

3:00 DEMONSTRATIONS  
-SAIL ● SCALE ● POWER  
-SCHOONERS  
-SEA PLANES(?)

**HELP WANTED:**

The moss along the shore line of the "pond" continues to be a problem. It is not going to go away without human intervention. The ARGONAUTS have done way more than their share in this clean-up. Please bring a garden rake with you to our RC FESTIVAL. If we can get it on the beach, the city will haul it away. Let's do our fair share.



A PLAN TO RECOGNIZE CLUB SERVICE

INTRODUCTION: Members of the SDSMG recently learned of a plan (used by a club in Ohio) that made good use of a system of service awards. These were akin to earning credits that were "spent" at the club's annual affair such as a banquet. The member could use his award points to bid for some prize. He would be competing in the auction against other "brownie point" recipients.

The member could earn points by service in such things as:

1. Servings as an officer
2. Helping to run a regatta or other event,
3. Manning the model shop.
4. Initiating and carrying out a special project.
5. Recruiting new members.
6. And any number of other contributions to the club's welfare.

The prizes or items that would be auctioned off might be bought by the club or donated by manufacturers or hobby shops. During the year the points scores or standings of the leaders might be published periodically, just like baseball scores. The big challenge will be to equitably set up a schedule of points for the various services performed. The point system should be such that an outstanding worker could end the year with, perhaps, 5000 points or credits. No money would be permitted to be used in the bidding. The only "coin of the realm" would be points/credits.

In the case of the San Diego Ship Modelers Guild the possible services and their "brownie points" earnings might be:

Club officer for the year:	2500
Chair club regatta:	2000
Conduct meeting seminar	1000
Attend regular meeting	100
Bring a show-tell itemn	200
Recruit new member	1000
Prepare article for NL	800



----just for example.

Suggested by Bob Cornell

Ref:WP51"sdsmg.pts"





## MEMBERSHIP LIST APRIL 13, 1993

NAME	CITY	ST	ZIP	PHONE	SPOUSE
Ernest J Andrew	San Diego	CA	92116		
David Armbruster	Vista	CA	92083		---
Ray H Beals	La Jolla	CA	92037		---
Dale Bradford	San Marcos	CA	92069		
Donald E Brent	San Diego	CA	92128		
Walter E Briese	Santee	CA	92071		---
Walter E Cagle	Chula Vista	CA	91910		
Bob Cornell	San Diego	CA	92110		
Bob Crawford	San Diego	CA	92120		
Robert L Cunningham	San Diego	CA	92119		
John DeFriest	San Diego	CA	92124		
Robert L Eberhardt	Grantville	CA	92120		
William J Fleming Jr	Brighton	MA			
John F Fluck	Vista	CA	92084		
Fred Fraas	San Diego	CA	92119		
Robert J Hallbach	El Cajon	CA	92020		
Greg Harrington	San Diego	CA	92115		
Jimmie C Hawkins	Sandiego	CA	92116		----
Norman Hiatt	Santee	CA	92071		
Bruce Jamieson	Bonita	CA	91902		
Richard B Johnson	Yuma	AZ			
Lewis Johnson	San Diego	CA			
Johnny R Johnson	Poway	CA			----
Gordon Jones	San Diego	CA	92111		
Jack Klein	San Diego	CA	92119		
Daniel M LePage	San Diego	CA	92123		
Jack R Lind	Coronado	CA	92118		
Megan N Lini	San Diego	CA	92117		
Russ Lloyd	San Diego	CA	92117		
David Manley	San Diego	CA	92117		
John C Mathews	Coronado	CA	92118		
Phillip T Mattson	La Jolla	CA	92037		
Doug McFarland	San Diego	CA	92131		
Phil Moore	La Jolla	CA	92037		
Howard Newman	San Diego	CA	92120		---
Anchor R Nielsen	San Diego	CA	92126		
Roy T Nilson	Chula Vista	CA	91910		
Roy H Norton	Spring Valley	CA	91977		
Robert E O'Brien	Poway	CA	92064		
William Paylor	Murrietta	CA			
Bryan Peters	San Diego	CA	92124		
Royce Privett	Santee	CA	92071		
Miguel A Rivera	El Cajon	CA	92019		
Leland Schertz	Denver	CO			
Jack Slowiczek	San Diego	CA	92124		
Frank Spangler	Poway	CA	92064		
Daniel Stensrud	Lemon Grove	CA	91945		
Henry S Wenc	La Jolla	CA	92037		
Edmund F White	San Diego	CA	92120		
Bob Willis	Poway	CA	92064		
Kenneth D Williams	San Diego	CA	92134		
Robert G Wright	San Diego	CA	92119		
Arthur J Yeend	San Diego	CA	92122		
Dave Young	Encinitas	CA	92024		
Jack Z Zimmerman	Oceanside	CA	92056		

## MAY

1 Ship Modelers Guild A.M. / Sail Practice P.M.  
2 Power Practice A.M. / Sail Points Regatta P.M.  
8 Ship Modelers Guild A.M. / Sail Practice P.M.  
9 Power Practice All Day  
15 Ship Modelers Guild A.M. / Sail Practice P.M.  
16 Power Practice All Day  
22 Ship Modelers Guild A.M. / Sail Practice P.M.  
23 Power Points Series/ All Day  
29 8:00 District 19 Power Regatta Outboard Series  
30 8:00 District 19 Power Regatta Outboard Series  
31 8:00 SCSA 1/8 Scale Hydroplane Race Series

## JUNE

5 Ship Modelers Guild A.M. / Sail Practice P.M.  
6 Power Practice A.M. / Sail Points Regatta P.M.  
12 10:00 Summer Sail Regatta US1 & 50/800  
13 10:00 Summer Sail Regatta US1 & 50/800  
19 8:00 Ship Modelers Guild Regatta  
20 8:00 Ship Modelers Guild Regatta  
26 Ship Modelers Guild A.M. / Sail Practice P.M.  
27 Power Points Series All Day

## JULY

3 Ship Modelers Guild A.M. / Sail Practice P.M.  
4 Power Practice All Day  
10 Ship Modelers Guild A.M. / Sail Practice P.M.  
11 Power Practice A.M. / Sail Points Regatta P.M.  
17 Ship Modelers Guild A.M. / Sail Practice P.M.  
18 Power Practice All Day  
24 Ship Modelers Guild A.M. / Sail Practice P.M.  
25 Power Points Series All Day

## AUGUST

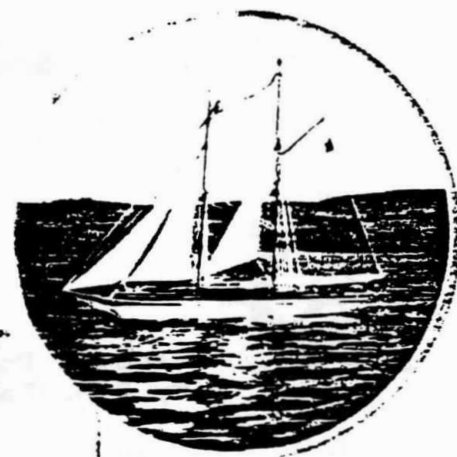
1 Power Practice A.M. / Sail Points Series P.M.  
7 Ship Modelers Guild A.M. / Sail Practice P.M.  
8 Power Practice All Day  
14 10:00 Mid Summer Regatta S/B & US1M  
15 10:00 Mid Summer Regatta S/B & US1M  
21 8:00 Ship Modelers Guild Regatta  
22 Power Practice All Day  
28 Ship Modelers Guild A.M. / Sail Practice P.M.  
29 Power Points Series All Day

# RADIO on Shore Runs Model Yacht

Signals Steer Seven-Foot Craft on  
First Voyage and Dock It Safely



David Bammes, at left, one of the builders of the model yacht, is sending the radio signals that guided craft across lake



Above, the yacht *Alice* under way on a California lake, controlled by radio. At left, Homer Howard, one of the two builders of the boat, is placing the receiver in the model yacht. It was by means of this that the *Alice* was sailed and brought back to its dock without mishap

A TRIM brigantine rigged model yacht recently tacked back and forth across a lake at Pomona, Calif., and finally swung smartly into the wind for a clean landing at a model dock.

The helmsman of this seven-and-one-half-foot miniature sailing craft was some distance away on the shore of the lake. A radio transmitting key was the link between his hand and the steering mechanism of the boat, the latter being remotely controlled by impulses from a small amateur radio transmitter.

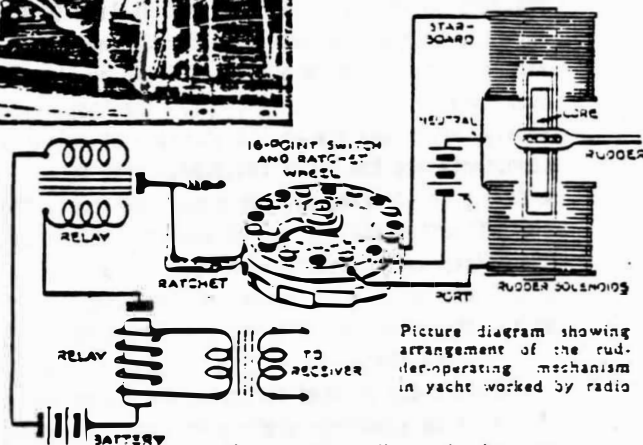
The radio-controlled model yacht *Alice* was built by two boys, David Bammes and Homer Howard, members of the Pomona Model Yacht Club, under the direction of Herman Howard, sponsor of the club.

As the photographs show, the *Alice* is a fine job of model building. Having a beam of fourteen inches and also a fourteen-inch draft, she has ample "cargo" capacity to take care of the weight of the three-tube battery operated radio receiving set and the radio-controlled rudder mechanism.

Both the transmitter on shore and the receiver in the yacht follow conventional amateur radio practice. A sensitive, high-resistance relay takes the place of the usual headphones in the receiving circuit. When this relay closes in response to a radio signal, it allows current to operate a magnet which moves the pawl of a circular-disk ratchet switch. The contacts on this switch close the circuit to a double solenoid, the armature of which is attached to the end of the tiller. Every other con-

tact is "neutral," and the remaining contacts alternately throw the rudder to starboard and port.

Assuming that the switch is resting on a neutral contact, the boat will sail straight ahead till the helmsman on shore sends a dash. This will throw the rudder to one side or the other, depending on which operating contact comes next on the ratchet disk switch. If the contact happens to throw the rudder in the right direction,



Picture diagram showing arrangement of the rudder-operating mechanism in yacht worked by radio

the operator allows the boat to turn as far as desired and then sends another dash to return the switch to the neutral position. If the rudder is turned in the wrong direction, two dashes sent in quick succession immediately turn the rudder to the position desired.

The picture diagram shows the arrangement of the rudder-operating mechanism. It would, of course, not be practical to apply radio control to a model boat of smaller size because of the weight of batteries necessary to operate the radio receiving circuit and the relays.

The home construction of the parts that operate the rudder when signals are received by the set on the boat should present no difficulty to the radio and electrical experimenter. The transformer connected between the radio receiver and the first relay should be of the step-down type such as is used to couple the plate circuit of a power tube to the voice coil of a dynamic speaker. The first relay will then operate on low voltage current. This method is satisfactory if the transmitting wave is interrupted at relatively low frequency.



Herman Howard, sponsor of the Pomona, Calif., model yacht club, with the radio-controlled craft

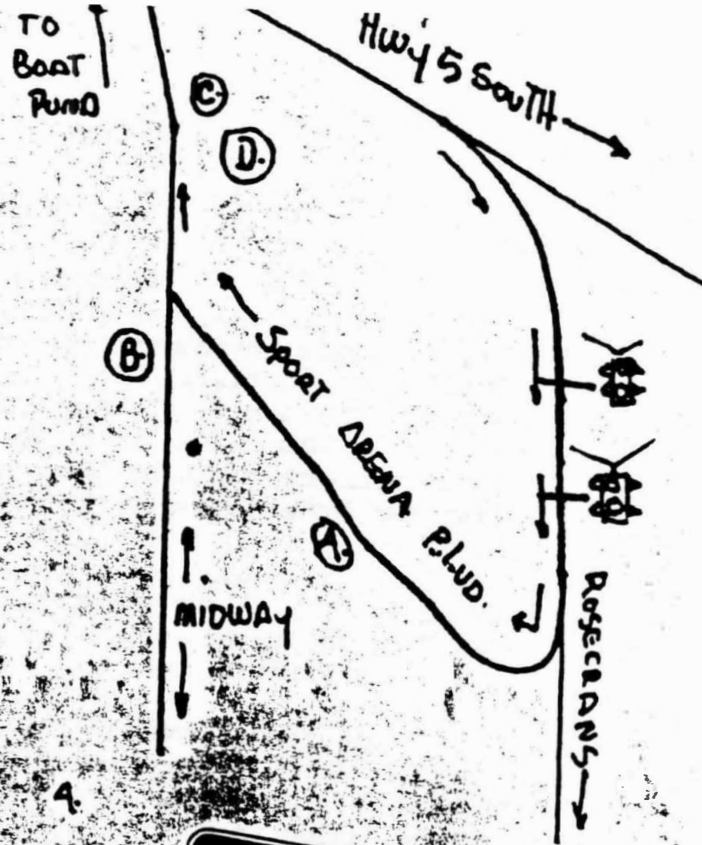


HERE IS A LIST OF PLACES TO STAY WHILE VISITING THE SAN DIEGO MODEL SHIP GUILD, 1993 REGATTA:

HWY- 5 SOUTH TO THE ROSECRANS EXIT, TWO TRAFFIC LIGHTS, TURN RIGHT ON SPORT ARENA BLVD. THESE MOTELS ARE ALL UNDER \$50.00 PER NIGHT AND ARE WITHIN TWO MILES OF THE BOAT POND.

A LIST OF RESTAURANTS IN THE IMMEDIATE AREA:

- A LA FRANCAISE (FRENCH BAKERY BREAKFAST/ SWEETS)
- DENNYS
- COCO'S
- RED LOBSTER (SEAFOOD)
- BAKERS SQUARE
- BLACK ANGUS (STEAKHOUSE)
- OLIVE GARDEN (ITALIAN FOOD)
- GARCIA'S (MEXICAN FOOD)
- WENDY'S (FAST FOOD)
- MCDONALDS
- ARBY'S
- JACK IN THE BOX



**SAN DIEGO PRINCESS**  
A PRINCESS CRUISES RESORT

DEBRA BOGOSLOVSKI  
Executive Meeting Manager  
(619) 581-5914  
FAX (619) 581-5977

1404 WEST VACATION ROAD  
SAN DIEGO CALIFORNIA 92109  
619/274-4630

RESERVATIONS: 1-800-32 MOTEL (326-6835)  
Then press motel extension number (see reverse side)

GARY & LEANNE LEFFEL  
Managers

**E-Z 8 Motels, Inc.**

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PATTY SKINNER  
DIRECTOR OF SALES  
3737 Sports Arena Blvd., San Diego, CA 92110  
(619) 226-3711 FAX (619) 224-9248  
Dunthorpe Forte Hotels Inc.

Sharon Pierson  
General Manager

**Comfort Inn**

**Comfort Inn-Mission Bay**  
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San Diego, CA 92110  
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800-662-2355

Joseph  
**Holiday Inn EXPRESS**  
Sea World area

3950 Jupiter Street  
San Diego, CA 92110  
off Interstate 8 at Sports Arena Boulevard  
Phone 619/226-8000  
Toll Free 800/356-3307



## SAN DIEGO BAY WORKBOATS AND SERVICE VESSELS

A "workboat" is defined as a vessel that performs a task for a fee as a ferry, tug, dredge, and the like, whereas "service" vessels are construed to be, as a rule, government vessels engaged in the common good (see Table 3, "A Preliminary List...1992"). The dividing line is not always distinct. Vessels-for-hire perform a multitude of chores needed in the development and maintenance of a harbor and its adjacent coasts. San Diego's commercial fleet was already well-organized by the turn-of-the-century. At that time "Ultissima" and "Butcher Boy"—together with their larger sisters working the coasts of Lower California and north to what is now called Avila—composed a cloud of sail hauling firewood, salt, eel grass, and such marine products of commerce up and down San Diego Bay. Along the shore there was a host of lesser bottoms...dredges, pile drivers, scows, and others...most un-named or un-numbered which have never appeared on any printed page.

Photographs from the 1900-20 era are relatively common (those of earlier years are hard to come by) and portray such craft as "Silver Gate", "Hercules", "Santa Fe", and "Bill Kettner". Plans of most are missing altogether; some may yet be culled from obscure files, but that hope continues to fade daily. A rare exception were the two sets of plans drawn by Jerry Mackfullen for the ferries "Ramona" and "Silver Gate" as part of the local historical studies begun in the 1940s by members of the San Diego Maritime Research Society but which languished. Perhaps a dozen photographic images are extant of the San Diego Fire Department-built "Bill Kettner", however, hull lines and deck plan layouts will not likely ever be seen, although the building specifications (recently found) allude to them.

Local historically-oriented literature provided items utilized for the compilation of Table 3.

*er*

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WKB-1992-299-655



1944

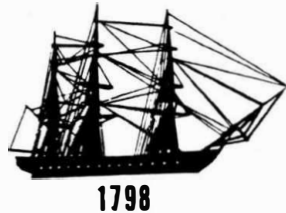
Table 3. A PRELIMINARY LIST...(cont'd)

<u>Research</u>	<u>Charter</u>	<u>Fire and Police</u>
Alexander Agassiz	Amigo	Ballast Point
Alpha Helix	Apole	Bill Kettner
Argo	Avanti	Chief Almgren
Beaver	Bottom Scratcher	Harbor Island
Black Douglas	Cat	Louis Almgren
Bluefin	Cortez	Point Loma
Crest	Conquest	Shelter Island
David Starr Jordan	Grand 85	
Deep Quest	Kohala	
Dolphin	Ike Walton	
Ellen Browning	Pacific Dawn	
Ellen B. Scripps	Pacific Queen	
E.W. Scripps	Phantom	
FLIP	Point Loma	
Gianna	Polaris	
Horizon	Pronto	
Hugh M. Smith	Qualifier	
John Isaacs	Red Rooster 1	
Melville	Red Rooster 2	
N.B. Scofield	Royal Polaris	
New Horizon	Royal Star	
ORB	Sand Dollar	
Oconostota	Searcher	
Orca	Shogun	
Paolina T.	Tracer	
Red Rooster		
Robert Gordon Sproul		
Sea Diver		
Sea Quest		
Spencer F. Baird		
S.T. 908		
Stranger		
T-441		
Thomas Washington		
Yellowfin		
Saluda		

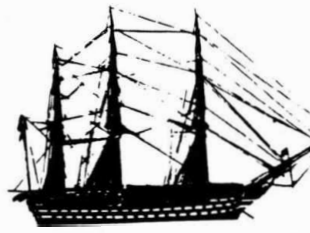
<u>Training</u>
Berkeley
Bottom Scratcher
Morena
Sea Quest
Transquest
Star of India

Additions

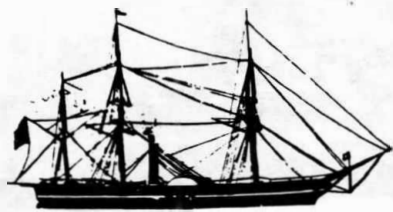
- Bowers 3 dredge
- Point Loma powered barge
- Imperial ferry
- Alamitos dredge
- Fighting Bob tug
- El Capitan kelp
- Pineola kelp barge



1798



1843



1841

CC/653  
SDHS West Point  
SDPL alley  
SIO Day

Prior Listings

Table 1, 1991-213-001  
Table 1, 1992-090-001

WKB-1992-116-655  
C/655



Table 3. A PRELIMINARY LIST OF LOCAL WORK AND SERVICE VESSELS THAT OPERATED IN SAN DIEGO AND MISSION BAYS BETWEEN 1850 and 1990. Robert L. Eberhardt as of 25 October 1992.

<u>Workboat</u>	<u>Tug</u>	<u>Ferry and Excursion</u>
Butcher Boy tender	Bahada	Benicia
Case American dredge	Ballena	Bonita
Cosay scow	Cuyamacha 1	Cabrillo
Dallas dredge	Cuyamacha 2	Coronado 1
Derrick barge 1	Defiance	Coronado 2
Derrick barge 2	Emma	Crescent
Derrick barge 3	E. Whitney Olson	Crown City
El Rey kelper	General McPherson	Della
La Encina dredge	Hercules	Del Mar
Goliath tender	USS Iroquois	Dolphin
Kelmar kelper	Golden West	Estrella
Madrono tender	Hyack	Fortuna
Nip barge 2	J.D. Murphy	General de Russy
Number 30 crane	Kamine	Glorietta
Point Loma kelper	Katy	Golden West
Salt Lake City dredge	USS Koka	Hercules
S.C. Hinds dredge	Lieutenant George M. Harris	Marietta
Seattle dredge	Mister Don	McKinely Junior
Sharpy "n"	Pacific Saturn	Monterey
Texas dredge	Palomar 1	Morena
Titan tender	Palomar 2	North Island
Tom Ellis pilot boat	Point Loma	Owl
Tuck barge 2	Relief	Ramona
25-ton crane	Rover	Roseville
Ultissimo scow schooner	Santa Fe	San Diego 1
Vulcan tender	T 20	San Diego 2
	Tia Juana	Scout
	Tortuga	Silver Gate
		Silver Strand
		The Grant
		Virginia
		William D. Evans



1943



San Diego Ship Modelers Guild  
 c/o San Diego Maritime Museum  
 1306 North Harbor Drive  
 San Diego CA 92101

Registration ( 1 per model)

Name \_\_\_\_\_

Phone ( ) \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Model Name \_\_\_\_\_

\*\*\*\*\*

**Category Entered**

Tug \_\_\_\_\_ (Size; 14" or down \_\_\_\_\_; 15" to 25" \_\_\_\_\_;

25" & up \_\_\_\_\_) Salvage (Work Boats) \_\_\_\_\_ Steam \_\_\_\_\_

Submarine \_\_\_\_\_ Military \_\_\_\_\_ Civilian \_\_\_\_\_ Junior (under 18)

Electric Military \_\_\_\_\_ Electric, Civilian \_\_\_\_\_

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**Score Sheet**

**ALL MODELS WILL BE GRADED ON THIS CRITERIA**

Level Of Difficulty: (20) \_\_\_\_\_

Accuracy and Uniformity of scale: (15) \_\_\_\_\_

Extent of Detailing: (15) \_\_\_\_\_

Neatness and Craftsmanship: (20) \_\_\_\_\_

Originality: (10) \_\_\_\_\_

Historical Authenticity: (10) \_\_\_\_\_

Overall Impression: (10) \_\_\_\_\_

Total Points: (100) \_\_\_\_\_

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**RC Score Sheet**

Total Points from Static Judging; (100) \_\_\_\_\_

Special Functions; (30) \_\_\_\_\_

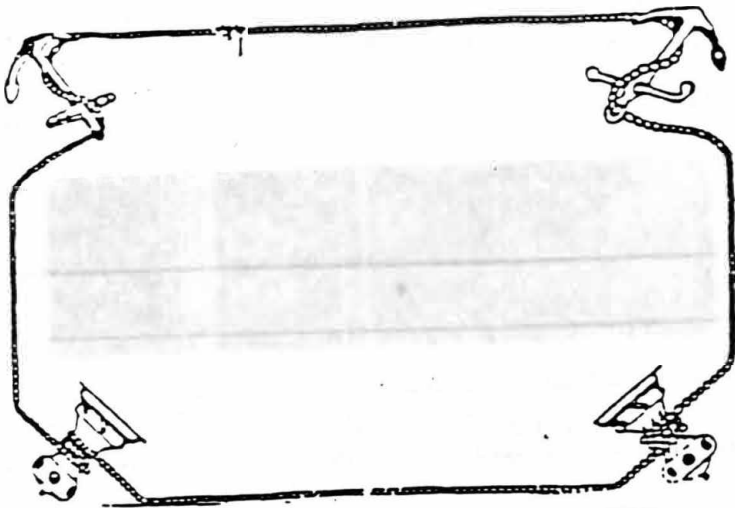
Scale-like operation; (40) \_\_\_\_\_

Scale Speed (30) \_\_\_\_\_

Subtotal; \_\_\_\_\_

Turns Missed or markers hit: (-2 X #) - \_\_\_\_\_

Total Points: (200) \_\_\_\_\_



San Diego Ship Modelers Guild  
c/o Maritime Museum Assoc. of SD  
/redacted/  
/redacted/s

San Diego Ship Modelers Guild  
Officers for 1993

Master  
First Mate  
Purser  
Logkeeper/Secretary  
Newsletter Editors

Bob Crawford  
Jim Hawkins  
Ed White  
Bob Cornell  
Fred Fraas  
Gordon Jones  
Bob Wright  
Ed White  
Bob O'Brien  
Dan LePage

Steering Committee

Regatta Committee Chairman

Schedule of Activities:

Meetings --Third Thursday of the month  
7:00PM Social; 07:30PM Meeting

Static Workshops -- (discontinued)

R/C Operations --Saturday mornings at the  
Model Yacht Pond. (Mission Bay)

Annual Regatta-- Third weekend in June  
\*\*\*\*\*

Membership:

Dues are \$15 annually  
(\$7.50 after July 1st)

We strongly encourage  
all to join the San Diego  
Maritime Museum as express-  
ion of appreciation for  
the facilities they pro-  
vide for our benefit.