



San Diego Ship Modelers' Guild

Volume 5 Number 11

November 15, 1981

Notes on the October Meeting

The October meeting was devoted to members models. A list of Models present follows:

<u>Boat Name</u>	<u>Builder</u>	<u>Type and means of Construction</u>
Fletcher	Bob Crawford	Destroyer - scratch/solid
USS Crackett (PG-88)	A.J. Neubouer	Patrol boat - Dumas Kit
Emma C. Berry	Bill Kelly-Flemming	POF Schooner - Sterling Kit
Essex	Bill Kelly-Flemming	Solid hull - Model Shipways Kit
Natchez (Plans)	Doug McFarland	To be POF
Duke	Lew Harmeling	Tug - Carved hull/RC steam
Fair American	Egon Muehlner	Brig - M.S. solid hulled kit
Lake Freighter	Roy Nilson	Freighter- R/C scratch
Gaff Cutter	George Baggette	POF Scratch
Missouri	Bill Vecera Sr.	POF Sterling Kit
Miss Fit	Bill Vecera III	Dumas SK-20 Kit
Monterey Fisherman	Bill Benson	Scratch
Seripis	Chuck Hill	Aripecola Kit

A great deal of information was exchanged and a number of problems delt with and hopefully solve.

Notes on the November Meeting

The November meeting will consist in part of an auction. If you have any tools, kits, books, or other items that you no longer need and feel that others may want them, bring them to this months meeting. If you will set a price that you would like to recieve (you do not have to donate the proceeds to the club) any money above the asking price will go to the club kitty.

Vic Crosby will be explaining ships in the bottle techniques as the main feature.

Notes on the December Meeting

Due to conflicting comitments of the Maritime Museum, the Star of India and the Berkeley will not be available the third friday of December. It has been suggested that our Cristmas Party be advanced one week to Friday, December 11. We will be making a final decision at this months meeting, but to be on the safe side, set asidethis date.

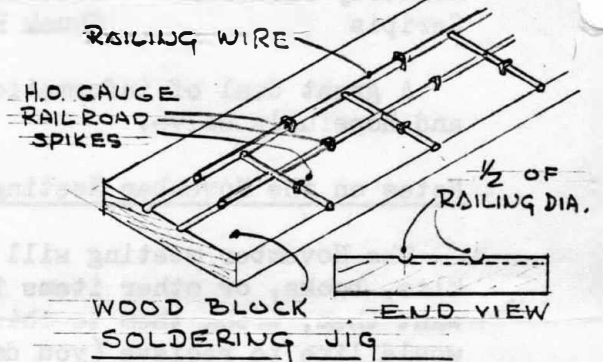
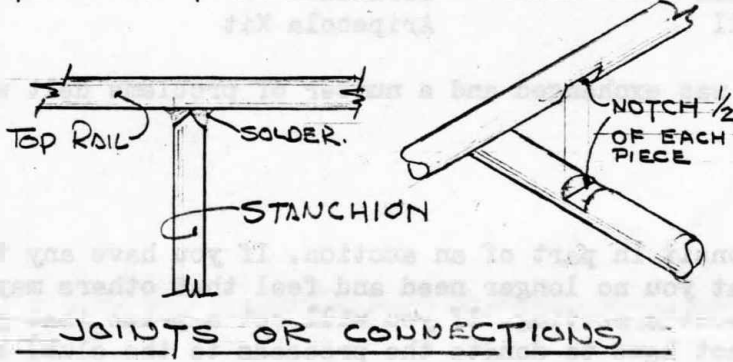
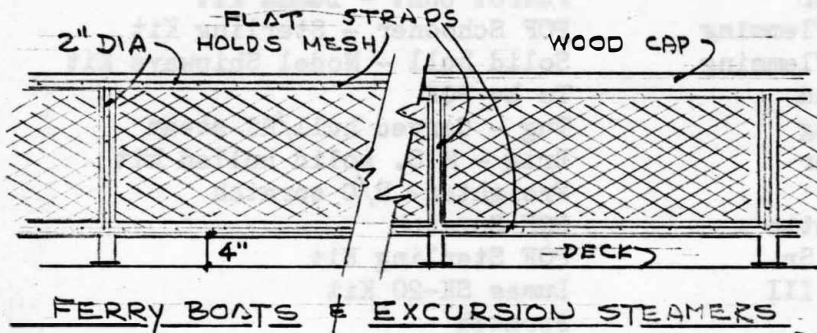
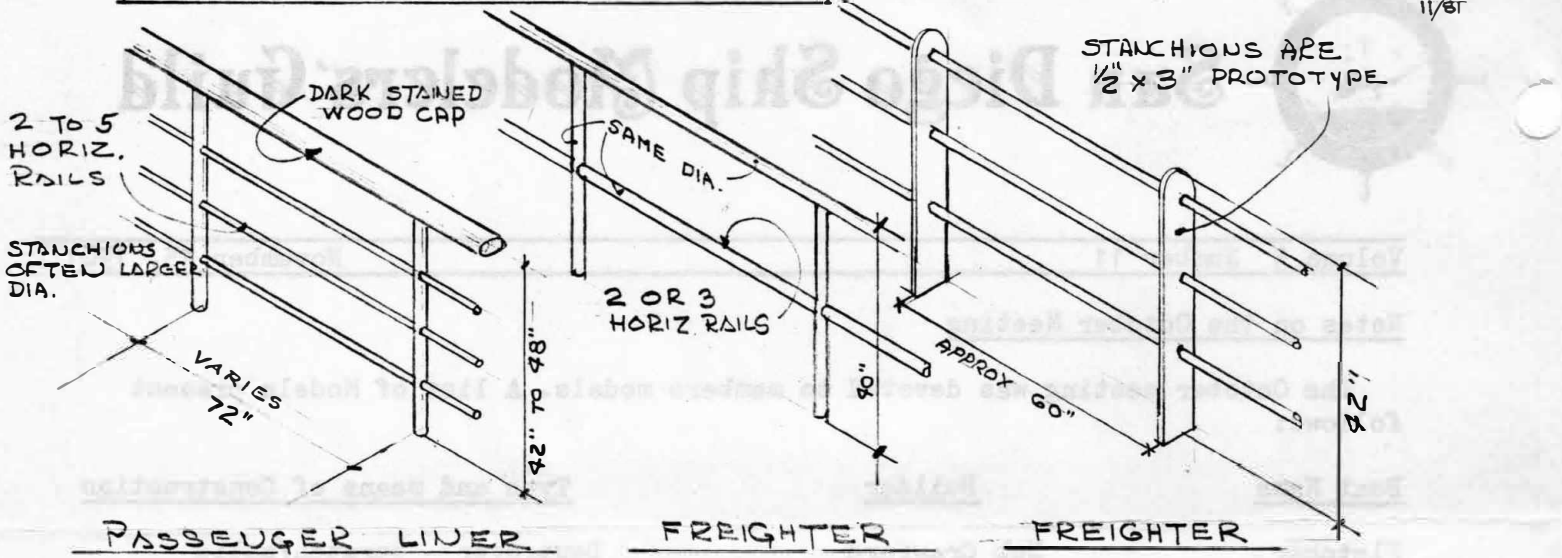
Elections of Officers

Nominations for Fresident will be accepted at this months meeting so that ballots may be mailed with the January newsletter along with membership renewals. A decision on a new newsletter editor will also be made at this time.

SAN DIEGO SHIP MODELERS GUILD

SCRATCHBUILDING RAILINGS

BY R.T. NILSON
11/87



ABOVE RAILING DRAWINGS ARE TYPICAL - ALWAYS REFER TO YOUR PLAN AND ANY PHOTOGRAPHS THAT ARE AVAILABLE. DIAMETER OF STANCHIONS AND HORIZ. RAILINGS ARE FROM 1" TO 3". DEPENDING ON YOUR SCALE, RAILINGS CAN BE CONT HANGER WIRE TO THE SMALLEST MUSIC WIRE (GUITAR STRINGS). WIRE MESH ON ABOVE RAILINGS CAN BE SCREENING OR TULLE (TOOL) ASK THE WIFE ABOUT TULLE. NEEDLE FILES OR MOTO-TOOL CAN BE USED TO NOTCH WIRE (MOTO-TOOL ON BRASS ONLY). FOR WIRE SIZE IN THOUSANDTHS LOOK TO YOUR SCALE LISTED BELOW

SCALE:

$1/192 = 1/16 = 1'-0" = .0625$	$1/96 = 1/8 = 1'-0" = .125$	$1/64 = 3/16 = 1'-0" = .1875$	$1/48 = 1/4 = 1'-0" = .250$	$1/32 = 3/8 = 1'-0" = .375$	$1/24 = 1/2 = 1'-0" = .500$
1" = .0035	1" = .010	1" = .0156	1" = .020	1" = .0312	1" = .040
2" = .007	2" = .020	2" = .0312	2" = .040	2" = .0625	2" = .080
3" = .0156	3" = .030	3" = .0469	3" = .062	3" = .0938	3" = .125

Proper usage & maintenance will extend the life of your new Craftsman Soldering Kit. Read the instructions, file this card for future reference.

Assembly Instructions

There are 2 tips included in this package:

- 1/8" chisel for light electronics' work — kit assembly
- 5/16" pyramid for medium duty work — electrical & craft

Tip Selection

For best results... select a tip approximately the same size as the joint you are soldering.

Iron Stand

Always use iron stand to help prevent work surface damage.

Solder

Use Sears' Rosin Core Solder for all electronic & electrical applications. Available from local stores or catalog.

Operation

Plug iron into a 120V outlet, heat for approximately 90 seconds and tin tip by applying solder to the working area. Let iron idle for 2

or 3 minutes, do not wipe, add more solder & iron is ready to use. After soldering, clean tip on damp sponge, add solder & return to stand. Un-plug iron when not in use.

Tip Maintenance

Copper tips may be reshaped by filing or rubbing on emery cloth. Always re-tin after reshaping. When soldering iron is not being used, loosen tip to prevent tip from "freezing" to heater. Tight tips can be removed by holding tip and metal heater tube with pliers and turning clockwise as illustrated. Always clean heater threads with wire brush when changing tips.

**HOW TO SOLDER****1. Prepare the surfaces to be joined**

Solder makes a good connection only with clean, bare metal. If the metal is dirty or grimy, it should be cleaned with steel wool or sandpaper. If the wire or connection is new, this may not be necessary, and light rubbing with a file or emery paper will remove oxidation from the surface.

When making solder connections on a printed circuit board, both pads and circuit should be clean and free of oxidation. This may require the use of a standard de-oxidizing cleaner, followed with a moisture removing agent. Properly prepared PC boards should present no problem, even for the beginner.

2. Heat the work, not the solder

The joint itself must melt the solder, not the iron. Apply the tip to the work at the point where you wish to apply solder and hold in this position for two to three seconds. Since heat rises, apply the tip beneath the joint, if possible. The tip should contact all wires & terminals in the joint; however, if

this is not possible, make sure it touches and heats the largest piece of metal involved.

**3. Apply rosin-core solder...**

Letting it flow between the parts you want joined. Apply enough, but only enough, solder to make a smooth globular joint, with solder filling all spaces and crevices. This should take about two seconds. Remove tip from connection.

4. Allow joint to cool

Don't disturb the soldered connection in any way until it has cooled. You have a good connection if solder has flowed over all surfaces to be connected, following the shape of the surfaces. It should appear smooth and bright, with all wires and surfaces of the connection covered.

SEARS REPLACEMENT PARTS**Copper Alloy Tips**

5/16" Pyramid



9 53516

1/8" Chisel



9 53517

Replacement tips available from local stores or catalog.

IRON STAND

Stand

Make it a habit to always place a hot soldering iron in the specially designed iron stand.

Sold by SEARS, ROEBUCK & CO. Chicago, IL 60684 U.S.A.

MYSTIC SEAPORT SHIPS

Are you building, or considering building, a model of a boat that is part of the Mystic Seaport collection--like the EMMA C. BERRY, or CHARLES MORGAN, or L. A. DUTON, or JOSEPH CONRAD? The Mystic Seaport Museum Store has books and other materials on most of these boats. For example, the book, RESTORATION OF THE SMACK EMMA C. BERRY, has complete descriptions and details of that vessels history, construction, and restoration. The book also includes a detailed set of plans.

To purchase a book or to request information, write:

Anne H. McNeil
Bookstore Manager
Mystic Seaport Museum Stores, Inc.
Mystic, Connecticut 06355
phone: (203) 536-9688

MODELING TIP

Model train shops often carry scale lumber of various sizes. I have found this to be a particularly good source for deck planing.

NOVEMBER MODELER OF THE MONTH

DOUG McFARLAND

by Bill Kelly-Fleming

This month's modeler of the month has been getting a lot of ribbing lately about the lack of any progress on a ship model. However, we will never find a more dedicated member of our Guild than this individual who has not missed a meeting since he joined in November of 1976. In addition this person has been Guild Master a few times, served on the steering committee since its inception, and coordinated cruises on the CALIFORNIA. Doug McFarland has definitely been a key to the success of our Guild.

Doug started building airplane models when hospitalized in the Air Force, however, he never built a gas powered plane. He built one sail plane, and it flew once! Later, while recuperating from a leg operation, he got a kit of the Santa Maria and built it. Seven years ago he saw the NORSKE LOVE, and since this Billings kit has more detail, he bought it. At the time he lived in Anaheim, and joined the ship modelers club there. The NORSKE LOVE has made some progress and one of these days he'll take it off the shelf to continue the beautiful work he's done on it so far.

In 1976 he moved down here to San Diego. Soon after he arrived here, in September 1976, he stopped by West Coast Hobbies and there he met Albert Lhreuroux. Albert told him about our Guild. Doug came and signed up that November, and he has been active ever since.

Doug's interest in ship models was sparked by a co-worker in the San Gabriel Valley, who brought in a model boat which needed some lettering work done on it. That acquaintance led to the involvement in the Anaheim club. That Club had occasional dinner cruises, an idea Doug brought to us.

In between work on NORSKE LOVE, he built his first RC model, the Chris Craft he named the PATTY ANN. He also started, before NORSKE, a cabin crutter. Future plans include an RC of the stern wheeler NATCHEZ, and an RC square rigger. The NATCHEZ will start off electric, but hopes are to eventually build a steam engine for it. Plus, he has a few other kits on the shelf.

Doug has most of the essential modeling tools, including a lathe, bench sander, Dremel with a drill press, plus very helpful dental tools. As an electronics assembler, he has developed several skills and tools from his profession.

The aspects of modeling Doug finds most exciting are, "the people I've met, and "to COMPLETE a model." We salute Doug McFarland as our Modeler of the Month.

San Diego Ship
Modelers Guild Bob Crawford -
Logkeeper /redacted/

NON PROF OF



TO: Fred Frass
/redacted/

San Diego Ship Modelers Guild
Officers for 1981

Master:	John Woodard	Point Loma	/redacted/
Mate:	Doug McFarland	Mira Mesa	/redacted/
Logkeeper:	Bob Crawford	State College	/redacted/
Steering Committee:	Bill Kelly-Flemming	Hill Crest	/
	Al L'heureux	Poway	redacted
	George Oliver	Santee	/
	Bob Ross	Chula Vista	redacted

Meetings: 3rd Friday of each month, 8:00 pm aboard the Bark
Star of India, on the Orlop Deck.

Membership: Dues for Members of the San Diego Maritime Museum
and anyone living outside San Diego County -\$7.50
Non-Museum Members - \$15.00. After July 31, 1981
dues are $\frac{1}{2}$ for the remainder of the year.