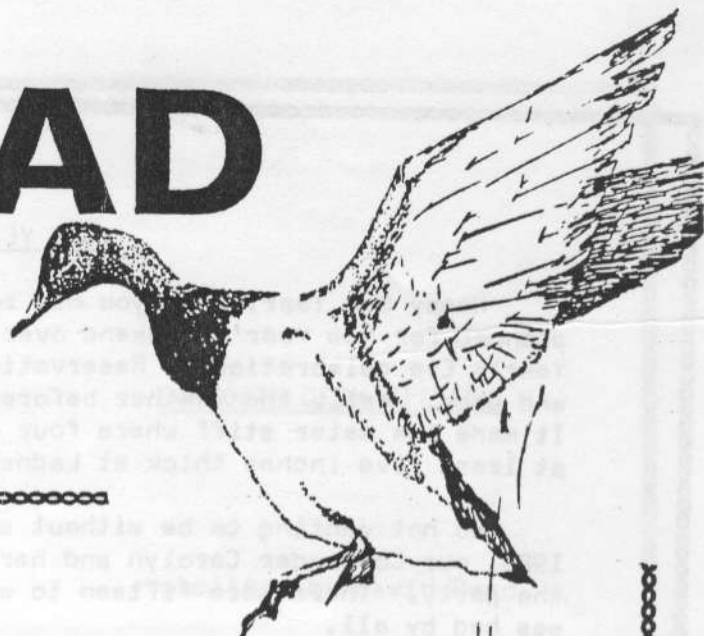


THE

# FAIRLEAD

## FRASER POWER SQUADRON NEWS



JANUARY 1984

Vol. 9

No. 8

### FROM THE BRIDGE

As you already know Fraser is a very active Squadron, and much time and effort must be expended to ensure that activities like the presentation of various courses, organization of cruises, planning of social evenings, publication of a newsletter, etc. are carried out as effectively as possible.

All of this requires teamwork and a great deal of volunteer help. Unfortunately, much of the workload seems to fall to a rather small percentage of the membership.

As an example of what is meant, every year we experience difficulties in recruiting sufficient instructors and proctors for our courses. Invariably considerable arm-twisting is needed to obtain enough officers for our Bridge and Executive.

I would like to ask all members to give serious consideration to what they might be able to do to contribute. Why not vounteer to teach or proctor next year? Quite a number of you will be approached soon to serve on next year's Bridge and Executive. Are you sure you can't spare a few hours a month?

It is only through the volunteer efforts of all the membership that Fraser can continue to operate on the scale it has in the past. Be a VOLUNTEER! Please say YES when you are asked to help. I'm sure you will find it a satisfying experience.

Cdr. Carolyn Hoffman

### NEW YEAR CRUISE

Happy New Year!! As you may remember there was a squadron Cruise planned for New Year's weekend over to join Silva Bay Yacht Club in New Year's Eve celebrations. Reservations were made for five brave yachtsmen and crew. Well, the weather before Xmas didn't co-operate as you know. It made the water stiff where four of the boats are moored. The ice was at least five inches thick at Ladner Yacht Club.

So not wanting to be without something to do on the last night of 1983, our Commander Carolyn and her husband Martin offered their home for the party. There were fifteen to welcome in the New Year; and a good time was had by all.

Six of us braved the elements and went into the hot tub to start the year completely relaxed. You know that you never go to Hoffman's without your swim suit.

Then on New Year's Day, Marg and Del Dash invited those who could, to go out on Dauntless to English Bay to see the Polar Bear swim. George and Lois Schurman and Lois's mother from Oakville, Ontario, Don and Flo Delves and another couple joined the Dash's for the trip. It was a very entertaining day because of all the action around English Bay. Boats of all shapes and sizes were cruising back and forth trying to find anchorage. It was also fun watching the anchoring procedures. There are a great many that need lessons!

It was difficult to see the beach as there were so many people. All you saw was the splash and you heard the squeals. We were getting cold sitting on the top deck, but just imagine standing around in a bathing suit on the cold sand. Not for this chicken; thank you!

Now that it is known that some of the boaters would like a winter cruise around the Xmas season, maybe next year we can try again. Something to think about!

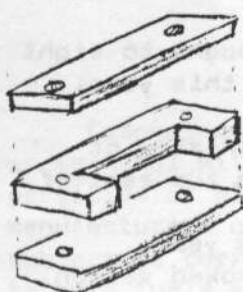
Flo Delves.

### Salmon Spread

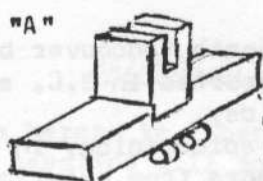
1 can salmon  
1 pkg. cream cheese  
1 tsp lemon juice  
1 tsp. horseradish  
1/2 cup chopped green onion  
Chopped walnuts  
Chopped parsley

Drain and mash salmon. Add remaining ingredients except walnuts and parsley. Chill. Shape into ball. Roll in walnuts and parsley. Serve with assorted crackers.

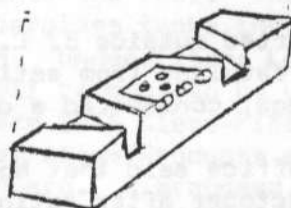




"C"



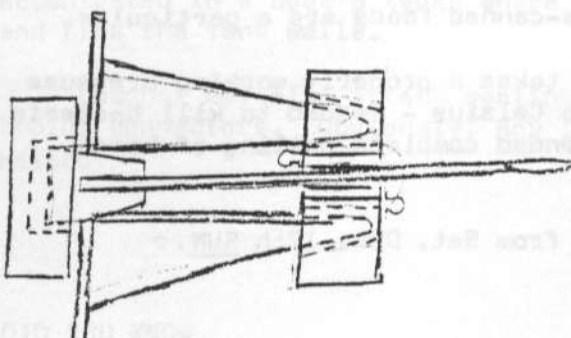
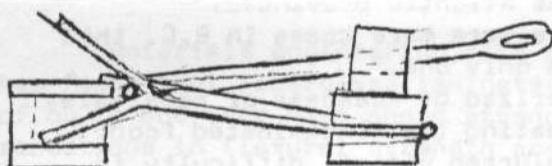
"A"



"B"

# DANFORTH DECK FITTING

submitted by David Reed



NOTE: "C" is shown built up of 3 pieces. It could be routed from one piece.

## DECK FITTING IN TEAK FOR A DANFORTH

- Size to fit specific anchor
- "B" and "C" are bolted to the deck
- "A" is hinged on "B"
- TO STOW
  - "A" is hinged open
  - anchor flukes are laid down onto "B" with shank held up
  - "A" is closed
  - shank is laid into groove in "A"
  - shock cord is tied from base "B" over the shank securing the whole system.



## BOTULISM INCIDENCE PLAGUES B.C.

The recent death of a 15 year old North Vancouver boy brought to eight the total number of cases of botulism reported in B.C. so far this year, a provincial government official said Friday.

Dr. Timothy Johnstone, director of epidemiology in the ministry of health, said British Columbians suffer more from botulism than the rest of the country.

Only one case of botulism was reported outside B. C. this year.

Johnstone said all the B.C. cases resulted from eating smoked salmon, home-canned corn or fermented salmon eggs, considered a delicacy by north coast natives.

On Thursday, the B. C. coroner's office said that North Vancouver resident Warren Gerald Conroy died in October after eating smoked salmon obtained locally.

In an interview Friday night, Johnstone said he did not know why there are more cases of botulism in B.C. than the Atlantic provinces.

He added: "I also don't know why there were more cases in B.C. this year than other years. In 1982, there was only one."

The symptoms of botulism are characterized by weakness or paralysis, typically beginning 18 to 26 hours after eating the contaminated food. It is also accompanied by double vision, blurred vision, difficulty in speaking and swallowing, diarrhea and vomiting.

Johnstone said the basic precaution would be to avoid food sold by unlicensed operations. "Non-pickled home-canned foods are a particular problem," he said.

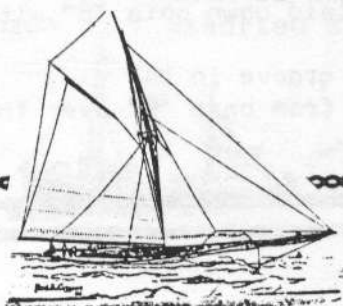
Many home canners do not realize it takes a properly working pressure cooker to generate the heat - 116 degrees Celsius - needed to kill bacteria spores in the process. Johnstone recommended complete boiling of home-canned foods before serving.

copied from Sat. Dec. 17th SUN.

## WIND TURBINE & DIESEL ENGINE COMBINED FOR POWER GENERATION

Experiments are being carried out using a wind turbine geared to the shaft of a diesel powered generator to decrease the consumption of fuel used to generate electrical power for small isolated communities. The governor will adjust the fuel flow to allow the engine to make up the difference between the electrical load and the contribution from the wind turbine. This avoids some of the problems of speed control, energy storage and intermittent output of a generator being driven only by a wind turbine. An automatic clutch will disconnect the wind turbine at times when there is insufficient wind for it to develop adequate speed.

John Moran.



### HAZARDS OF GASOHOL

Gasohol can be a hazard to fiberglass tanks. A mixture of 10% ethanol or methanol with 90% gasoline will soften fiberglass and release resins and particles of glass into the fuel. There has been misleading advertising by manufacturers of fiberglass tanks indicating that these tanks are not subject to corrosion. Underwriters Laboratories (UL) standards for tanks to hold fuels are well recognized by various insurance and fire prevention agencies. UL standard 1316 Glass-Fiber Reinforced Plastic Underground Storage Tanks for Petroleum Products states that alcohol blends are not covered by this standard. A proposed revision to the Uniform Fire Code states in part that underground tanks shall not contain petroleum products containing mixtures of a non-petroleum nature without evidence of compatibility. This shall include ethanol or methanol blends.

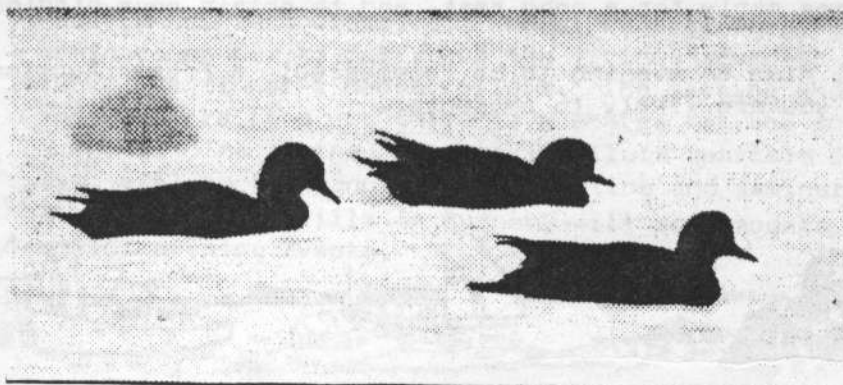
A materials engineering firm that specializes in reinforced plastics has found that fiberglass laminates exposed to gasohol blends for periods of up to one year have shown strength retentions of only 50%. Dramatic reductions in flexural strength are also typical during this period. The softening of the resins may allow gasohol to work through the tank walls to form a wicking type of leakage. All of these failure modes may be accentuated in a boat's tanks where motion will help to dislodge particles and flex the tank walls.

Gasohol may also attack sealing compounds in some types of pipe or tubing connectors. Obviously, any leakage of fuel constitutes a real hazard.

J. R. Moran

### DID YOU KNOW

Red King Crabs are becoming scarce in Alaskan waters for reasons that are not known. Several areas were closed to harvesting to try to conserve the dwindling population.



*Trio of widgeon.*

## SAMSON V

Samson V has been retired as a snag puller on the Fraser since October 1980 and is now a museum. She was built in New Westminster by the Mercer Star Shipyards in 1937 from the original boat building material. The steam engine that drives the stern paddle wheel was built in 1905 by the Victoria Machinery Depot. It was formerly used in Samson III and was transferred to Samson V after the latter was badly damaged by fire in 1954. The oil fired boiler was produced by the Vancouver Iron Works in 1959. Samson's dimensions are: length 115 feet, beam 31 feet and depth 6.6 feet.

Although Samson V is owned by the City of New Westminster, her management was turned over to Hyack Festival Association. The volunteer staff is presently working to make the machinery deck safe for opening to the public. The vessel is open to the public on Saturdays and Sundays from 10.00 am to 4.00 pm. Admission is by donation. Samson V is moored between 4th and 6th Streets in New Westminster but access is gained from the foot of 8th Street and walking along the wharf towards the Pattullo Bridge. She is adjacent to the Fraser River Market and would make a fine destination for an afternoon outing.

### FRASER'S AUCTION - FEBRUARY 24, 1984.

As you know that time of year is here again - when you can start clearing out your basements, hunting for the bargain you bought last year, getting rid of unwanted Christmas gifts; bring them to Fraser's Auction!

If you haven't been to our auction, you have missed a lot! People resolved not to buy, have been convinced of the bargain being offered! People have been known to buy an article that defies description! Those who have been to our auction before, hate to miss it! Our numbers have increased each year - as well as the amount of money changing hands.

Fraser's auction has become a tradition - an institution! A real fun evening of entertainment, and bargains galore; an opportunity to sell something, or buy something you need; while helping to support your squadron.

If you want to sell, bring items early to be catalogued. If you want to buy, come early for a good seat, and to obtain your bidding paddle.

Don't miss an evening to be remembered! A Fraser Auction is unlike any other you are likely to encounter.

Brian Smith  
Lt. Social





## REMINDER

The contest for the design of Fraser's Tee Shirt ends at 2359 hrs. Jan 31, 1984. Refer to your November issue of Fairlead for the contest rules or call Brian or Lindsay Smith at 277-7981. The entries must be turned in to the Smiths by the closing time to be considered.

## NOTICE

Membership renewals must be recorded at headquarters in Toronto by the end of January or a \$5.00 reinstatement fee will be charged.

## INFORMATION WANTED

The John Murray award for the person who displays the greatest effort to help a person or persons in distress on the water may be made at the Grad. Party on May 12 if a suitable candidate can be found. If you have any information that may help to locate such a candidate please call - George Schurman at 271-7439.

## COMING EVENTS

- Jan 27, 1984 - This will be Fraser's first social evening of the new year. John Moran will show slides of his rowing/camping trip to the Broken Islands in Barkley Sound. Jack Hunter will show a film commissioned by I.C.B.C. to illustrate safety in a car both as a driver and a passenger.
- Feb. 4-12 Annual Vancouver Boat Show at B. C. Place. Here is a good chance to see the new stadium, new boats and old friends or new acquaintances at the CPS booth.
- Feb. 24 Fraser's Annual Auction
- April 27 Fraser's Annual General Meeting & Social Evening.
- May 12 Graduation Party
- May 26 Pacific Mainland District's Annual General Meeting and seminars on how to carry out the various squadron officers tasks. A dinner & dance follows. The meeting and seminars are free but there is a charge for the social evening. The Marine Training Institute quarters in North Van. will be the venue for the meeting and seminars where as the Sheraton Villa in Burnaby will accommodate the social evening events.

