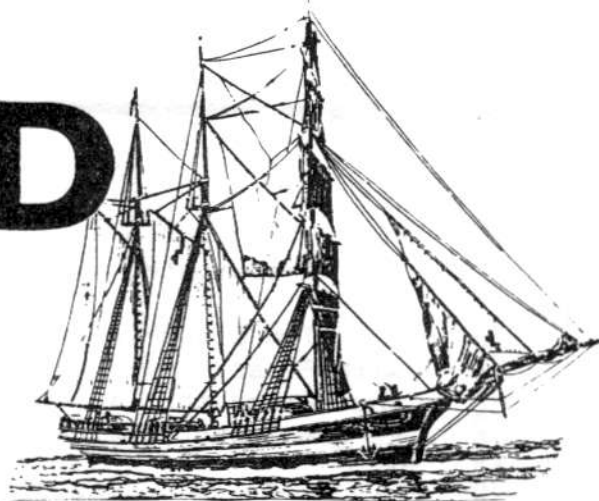


THE

FAIRLEAD

FRASER POWER SQUADRON NEWS



July/August 1982

Vol. 8

No. 2

FROM THE BRIDGE

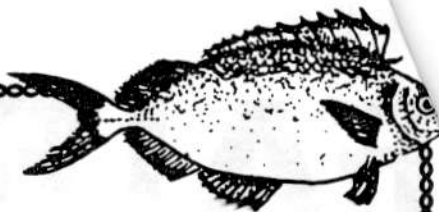
A brief but sincere message of thanks to all the members (and their families) who participated in "Safe Boating" Week.

First, to those who filled the kits at the Coast Guard Base: Tony and Susan Erdesz, Brian and Lindsay Smith, and Fred and Lillian Willett--without their help, Fraser would not have received kits to hand out to boaters at launching ramps and marinas.

Next, to Marg and Del Dash, for organizing volunteers to work at the ramps. Special thanks go to all the hardy souls who kept their promise to do a shift at marinas and ramps, in spite of the miserable, wet weather they had to contend with. They are: Judy Alexander, Flo Delves, Terry Ezart, Vic Forster, Dale and Patty Gisborne, John Grabher, John Lewisch, Randy Lutman, Dave McDiarmid, Patti Miller, George Schurman and Fred Willett. As always, a job well done by members who know that a Squadron is a team effort, and did their share in making sure Fraser did its duty.

See you in September.

Sue Dyck, Commander.



MEET YOUR EXECUTIVE

This month: 1st Lt. Treasurer Tom Grant

Tom lives in Richmond with his wife, Joyce. He became involved with Fraser Power Squadron in 1979 after he heard from friends around the marina that it was a good way to learn about the local waters. He graduated from Desmond McManus' class.

Tom was in the Canadian Air Force and was a volunteer for the overseas combined operations with the Canadian Navy. As a naval commando he did a lot of boating with landing craft.

Tom is selling "Corky" his 28' FibreForm boat, but he will still be active in Power Squadron because he is concerned about safety and doing things the right way. He is looking for a smaller boat just for fishing.

THE UNOFFICIAL CRUISE

Fraser's unofficial cruise took place in Desolation Sound between August 4 and August 8. Eight boats rafted together in Pendrell Sound. They were: "Fairtide", Dave and Daphne Williams, "Kne ripshen", Brian and Verna Payne and children, "Lisa", Randy and Bev Lutman and children, "Miss Maeda", Perry Millar, "Caromar", Martin and Carolyn Hoffman, "Kuu Lani", Don and Flo Delves and Becky, the dog, "Monsoon II", Norm and Sue Dyck, and "Cheena", Gene and Lorna Foss and children and dog.

The first evening was spent on board Dyck's new 32' Bayliner. The next morning we awoke to a dull, rainy day. Most of us spent the morning in our boats but by afternoon cabin fever had hit and people started to boat hop. That evening was spent on Fairtide. The next day was sunny so everyone felt much better and spent the time swimming and soaking up the sun. Some of the boats left but Bob and Marie Dodd in "Meriloma" joined the raft. That night we were given a real treat by the Northern Lights. It was a great show.

The next morning Norm gave us a show, too. He was pulling up his anchor line and came to the end of the chain and exclaimed, "I have no anchor!!" So Martin got into the act by diving for it and coming up with anchor, shackle and pin! (lesson here: check your anchors). The swimming was good, the prawns even better, and the company great. Finally, on August 8 everyone left and headed to different parts of the Sound with the idea of meeting in Pender Harbour on August 11. Finally saying farewell we left Pender Harbour and then saw Jack and Marie Gibbons in their new boat "Kolone." She looks good, Jack.

Maybe next year an official cruise could be arranged. This one was great.



ELECTRONICS AFLOAT

by Vic Ramos

The array of electronics available to the boater today is staggering. At one time all that was around that could be considered was a radio and there were no requirements to have one.

Now due to the realization of their value, large and small vessels are being equipped with all sorts of gadgets. On the larger vessels, some are even required by law.

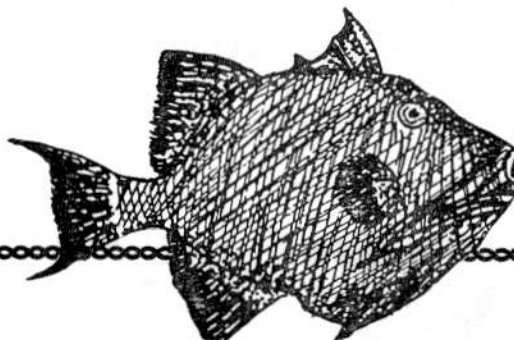
On a recent trip up the Inside Passage aboard a newly commissioned 36,000 ton ship, I saw some of the more advanced electronics. In addition to what one would expect to find on the bridge, i.e. VHF, HF and SSB radios, there is a weather facsimile and not one, but two radar displays. One radar is for scanning 360°; the other for viewing forward. A satellite navigation system that displays the vessels' actual position and Loran C are used with land based radio transmitters to plot the location of the ship.

There is also a sophisticated fire detection and fighting system. The inter-ship communications system is just as elaborate as the telephone company's. Five telephones on the main console have direct lines to key persons.

Gone is the engine room telegraph; now it is push buttons. A computer monitors and may modify an officer's command to achieve fuel efficient operation. There is, however, a manual override in case of emergency.

There are two wheels at the helm station although under normal conditions the autopilot does the work while the quartermaster stands by. One wheel is used for moderately rough conditions and the smaller wheel for severe sea conditions. The course is programmed into the computer and when the autopilot is set the satellite and shore stations are monitored by the computer to maintain the course.

With all this modernization there is still the vigilant watch of the officers and crew. After all, large or small, if it were not for the skill of the skipper and the crew the safety and well being of the vessel and all persons aboard would be in jeopardy. All you would have is floating debris, a hazard to navigation.



"SUNDAY"

"Sunday" had a good passage and some excellent sailing to Hawaii. with Dr. John and Ruby Friesen were Carol, David, and Ian Quartermain.

SAFETY TIPS

Water skiing is lots of fun, but it can become a nightmare. Have a look-out to keep an eye on the skier at all times. Have fun, do it right, do it safely.

The waters are becoming more and more crowded--don't we just know it. Now we have wind surfers. We can all have fun on the water if we take time to consider the other guy. Slow down when around wind surfers.

Air to Sea Rescue by Helicopter.

If you must evacuate an injured or seriously ill person, a helicopter can be sent to your aid. Head into sea and wind at five knots and allow two miles of sea-room for rescue to be effected. Do NOT touch any of the lines until helicopter crewman has grounded them. They can be highly charged with static electricity.

IT'S THAT TIME AGAIN--TRAINING

Now is the time to start planning your winter training program, whether it be to help with the training or to take one of the advanced courses.

Further information may be obtained from:

Martin Hoffman (277-4924) Squadron Training Officer

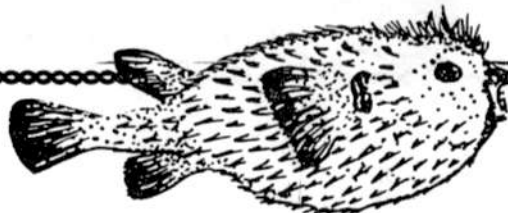
Terry Ezart (274-7330) Assistant T.O. in charge of Basic Boating in Richmond

Randy Lutman (946-2701) Assistant T.O. in charge of Basic Boating in Delta

Don Hancock (271-8949) Assistant T.O. in charge of all Advanced Courses

ATTENTION TRAINING STAFF

Fraser's Training Planning Meeting will be held September 9, 1982 at 1930 hours in Martin Hoffman's home at 10691 Dennis Crescent in Richmond. All ATD's, Basic Boating Instructors, and the Chairman of Training Aids are required to attend but other instructors will be welcomed.



BOATING COURSE REGISTRATION

Location: Richmond Hugh McRoberts Junior Secondary School
Ladner Delta Secondary School
Date: Monday September 20, 1982
Wednesday September 22, 1982
Time: 1900 hours
Cost: Single \$ 55.00
Couple 80.00

ADVANCED COURSES

1. Seamanship Sail Hugh McRoberts Junior Secondary School
Tuesday, Sept. 28, 1982 1930 hours
Instructor--to be announced.
Cost Single \$ 40.00 Couple \$ 60.00
2. Seamanship Power Hugh McRoberts Junior Secondary School
Tuesday, September 28, 1982 1930 hours
Instructor--John Jones
Cost Single \$ 30.00 Couple \$ 60.00
3. Marine Maintenance Hugh McRoberts Junior Secondary School
Thursday, September 30, 1982 1930 hours
Instructor--Garnet Jamieson
Cost Single \$ 35.00 Couple \$ 55.00
4. Advanced Piloting Delta Secondary School
Tuesday, September 21, 1982 1930 hours
Instructor--John Moran/Jack Gibbons
Cost Single \$ 50.00 Couple \$ 75.00
- * 5. Weather Hugh McRoberts Junior Secondary School
Thursday, Sept. 30, 1982 1930 hours
Instructor--to be announced
Cost Single \$ 40.00 Couple \$ 65.00

* weather will be given provided an instructor can be obtained and also a minimum of 8 students.

ADVANCED COURSES REGISTRATION (Continued)

- ** 6. Junior Navigation Tsawwassen Yacht Club
Classes on Monday evenings
Registration Tuesday, Sept. 28, 1982
at Hugh McRoberts Junior Secondary School
Instructor--Boyd Ivens.
Cost Single \$ 120.00 Couple \$ 175.00

** JN will be given provided a minimum of 6 students.



ADVANCED PILOTING

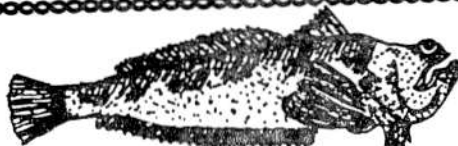
A.P. provides the theoretical knowledge to aid the advanced boater who wishes to travel beyond the regions of local knowledge of himself or his associates. The coverage of some of the topics of Basic Boating such as charts, compass, and aids to navigation are reviewed and expanded. Tides and currents with their effects on laying out courses are studied. A number of techniques for determining position with both common equipment and electronic aids is explored. There is an opportunity to learn how to use a sextant in piloting (not celestial navigation). These new skills are put to the test in working on a classroom exercise, "The Cruise of the M.V. 'Aypee'" which progresses with the lessons. This course has been revised for presentation this winter and it will include the new Canadian Buoyage System coming into effect in 1983.

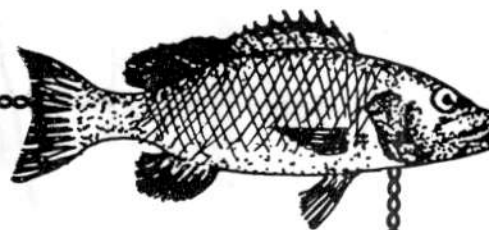
SEAMANSHIP--SAIL

For those interested in sail, starting with terminology and rigging, major types and classes of boats, construction and operating equipment. General techniques of handling, sailing on all points, mooring, docking and casting off. Marlinspike including care and types of ropes, blocks and tackles, knots and their uses, splices and whipping. Sources and characteristics of winds, fog and visibility factors, wave characteristics and effects. Sailing balance, geometric and actual centres of effort, aerodynamic and hydrodynamic forces. Rigging stresses. Buoyancy and stability, equilibrium, righting moment, hull shape and performance characteristics. Safety and emergency procedures under various conditions. Sailing under adverse conditions such as squalls, heavy seas and fog. Review of the Boating course, lights, signals and rules of the road. Small boat selection and fitting out. Boat maintenance haul-out and on-shore storage, engine care, lay-up afloat. Marine engines--trouble diagnosis, most common engine failures. Racing and basic rules, handicap systems and tactics. Long distance racing, equipment, supplies and safety requirements. A classroom sailing cruise which affords the discussion of virtually every facet of seamanship under sail.

SEAMANSHIP--POWER

For those more interested in power boats, starting with terminology on power boats for communication aboard, docking and undocking, positions on board and commands. Power trains available for different hull types and sizes, including outboards, inboards, in-out drives and vee-drives. Propeller and drive lines, engine controls and instruments. Hull shapes and construction with equilibrium and stability. Handling under power, mooring, anchoring and towing along with lights and signals also covered. Engines in basic principle described on both 2 stroke cycle and 4 stroke cycle, gas and diesel. Fuel systems such as carburetion and injection, fuel filters, tank and storage installations and some trouble diagnosis discussed. Electrical systems, generators and alternators as well as batteries. Cooling and lubrication of various types. Cruising under power, emergency situations, adverse boating conditions discussed. Ship maintenance and marlinspike seamanship also covered. A very thorough course.





Frosted Salad Bowl

1 medium head of lettuce
2 carrots, diced
2 stalks celery, diced
1 - 10oz. pkg. frozen green peas

1 large onion, thinly sliced
1 - 8 oz. carton sour cream
8 slices of bacon
salt and pepper

Line sides and bottom of bowl with shredded lettuce. Fill centre of lettuce with carrots and celery. Cook peas for 2 minutes, rinse well and place on top of lettuce, carrots and celery. Cover vegetables with onion. Frost the top with sour cream. Fry bacon to light brown and drain well; crumble and sprinkle on top of salad. Dust with salt and pepper; cover and refrigerate for several hours. Yield: 6 servings

COMING EVENTS

Labour Day Cruise - Sept. 3, 4, 5, and 6, 1982. Rendezvous at Degnen Bay in Gabriola Pass for the night of Sept. 3 and then on to Ladysmith and Newcastle Island.
Call Del Dash at 274-2352. The former 278 number is no longer in service as "Dauntless" has moved to Vancouver Harbour.

Sept. 9	Training Staff meeting. See details elsewhere in this issue.
Sept. 20, 22	Boating Class registrations.
Sept. 21	Advanced Piloting registration.
Sept. 28	Seamanship Sail & Power and JN registrations.
Sept. 30	Weather, Marine Maintenance registrations.
Oct. 9, 10, 11	Thanksgiving Day Cruise. Details will be announced later.

FOR SALE

"CORKY" - 1981 - 28' Fibreform. Command Bridge, long cabin. Twin 470 Merc's, CNG stove with oven, fridge with freezer. 92 hrs. Full blue canvas, loaded, everything included. Trade or cash, property, condo--what have you. 273-6465 or 277-1552. Berthed at Delta River Inn Marina.

