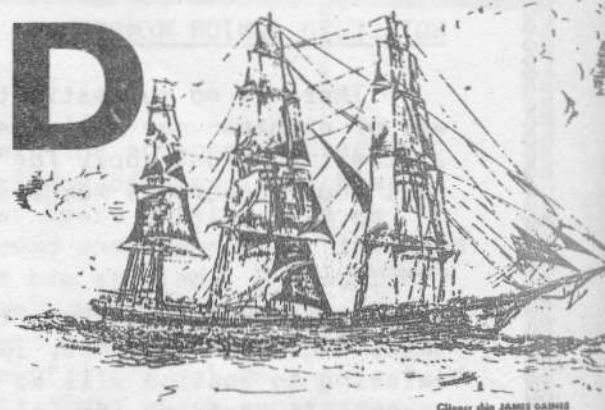


THE

# FAIRLEAD

## FRASER POWER SQUADRON NEWS



September 1983

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### FROM THE BRIDGE

It's hard to believe, but our summer cruising season is rapidly coming to an end and our fall training season is almost upon us.

I would like to take this opportunity to thank, in advance, all those of you who have volunteered your time and talents to the Training Department. Without your help, Fraser Power Squadron could not possibly conduct so many courses -- your help is definitely appreciated.

To those of you who have recently completed the "Boating" course and chosen to join our Squadron; "WELCOME." I hope you will now consider furthering your knowledge through the Advanced and Elective courses that we offer (details inside). In addition, I hope you will attend our monthly socials, our parties and our cruises in order to meet many new boating friends.

Our first monthly social this fall will be held Sept. 23 at the Town and Country Inn in Delta and will feature Capt. Chris Lovelidge and others talking about the new insurance scheme available only to Power Squadron members. Come and bring your questions with you.

Cdr. Carolyn A. Hoffman



### NOTICE TO JUNIOR MEMBERS

There is no automatic transfer to full member status when you attain the age of eighteen nor will headquarters notify you of the termination of Junior status. You must apply for a change of status to avoid reinstatement fees. Call your Squadron's Membership Officer, Martin Hoffman (277-4924) for details.

### WANTED

Fairlead needs input from the membership. Cruise stories, tips on seamanship, engine maintenance, local knowledge, food handling or any other subject relating to boating will be welcomed whether it be a one liner or several pages. If desired, the Fairlead staff will help with the writing, but they do need the basic material; we will even take dictation over the phone. Surely there are more than a half dozen members who have something interesting or useful to tell our readers.

### FALL & WINTER COURSES

Summer is over and it is now the time to reflect on increasing your knowledge and abilities in boating by taking one of our courses. Did you have some problems with your boating this last summer that could have been more easily solved if you had more knowledge?

The Core Courses are: One of the two seamanship courses -

Seamanship-Sail or Seamanship-Power

Advanced Piloting - It is NOT necessary to have taken a seamanship course before this one.

Junior Navigator - One must have passed either one of the seamanship courses and A.P. in order to receive credit for this course.

Navigator - One must have credit for Jr. Nav. to qualify for this course.

All of the other courses: Weather, Marine Maintenance, Marine Electronics, Local Knowledge, Instructor Training are ELECTIVES that may be taken in any order and without any necessity of having any of the core courses.

### MARINE MAINTENANCE

Basics of the maintenance of your boat and her equipment are given in this course. Engine maintenance applies both to the power boat and the sail boat but because of the great variety of makes and models of engines it must be quite general. This course is particularly useful for the person who is relatively new to boating and has not yet gained operating experience by the usual trial and error method.



## 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 an exercise, "The Cruise of the M.V. 'Aypae'" which progresses with the lessons. This course includes the New Canadian Buoyage System.

## 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 carburation 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.



### BASIC BOATING COURSE REGISTRATION

Location: RICHMOND - Hugh McRoberts Jr. Secondary School  
Williams Road at Garden City Road  
LADNER - Delta Secondary School  
4615 51st Street and 45th Ave., Ladner

Dates: MONDAY Sept. 19, 1983. ) at both schools  
WEDNESDAY Sept. 21, 1983. ) at both schools

Time: 1900 hours

Cost: Single \$55.00  
Couple \$80.00 - some course material will be shared

### ADVANCED AND ELECTIVE COURSES

1. Seamanship Sail - Hugh McRoberts Jr. Secondary School  
Tuesday, September 27, 1983. - 1930 hours.  
Instructor - ~~Seamanship Sail~~ not available  
Cost - Single \$55.00 Couple - \$65.00
2. Seamanship Power - Hugh McRoberts Jr. Secondary School  
Tuesday, September 27, 1983. - 1930 hours.  
Instructor - Jim DeVries  
Cost - Single \$35.00 Couple \$65.00
3. Marine Maintenance - Hugh McRoberts Jr. Secondary School  
Thursday, September 29, 1983. - 1930 hours  
Instructor - Garnet Jamieson  
Cost - Single \$40.00 Couple \$60.00
4. Advanced Piloting - Delta Secondary School  
Tuesday, September 20, 1983. - 1930 hours  
Instructor - to be announced  
Cost - Single \$55.00 Couple \$80.00
5. Weather - Delta Secondary School  
Tuesday, September 27, 1983. - 1930 hours.  
Instructor - Tony Merry  
Cost - Single \$45.00 Couple \$70.00

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## ADVANCED AND ELECTIVE COURSES (CONT'D)

- \*\* 6. Junior Navigation - Tsawwassen Yacht Club  
Classes on Monday evenings
- \*\* 7. Navigation - Registration - Tuesday, September 27, 1983.  
Instructor - Boyd Ivens  
Cost - to be announced

\*\* JN and N will be given subject to the number of students registering for each course.

8. Marine Electronics - This course will not be offered this 1983-84 season.
9. Instructor Training - These courses may be offered in the spring of 1984 after the regular classes have been completed.
10. Local Knowledge -

## TRAINING PROGRAM

One of our members mentioned that he ran into considerable patchy fog while on a trip up the west coast of Vancouver Island. In that region there are few safe anchorages just where you wish they were located so it may be necessary to carry on in adverse conditions. This skipper used his basic DR plot refined with fixes from RDF and sun sights and of course arrived safely at his intended destination. CPS courses will give you the tools (of knowledge) to allow you to safely cruise out of the home territory. Remember, our local area has probably got the best conditions in the world for boating and we tend to get lazy, relying on eyeballing our way along in waters where aids to navigation are plentiful. Other parts of our coast are very attractive and less crowded but travel in these parts requires greater ability in piloting to maintain the same degree of safety. Come and try one of our courses. This is a good way to meet the more serious boaters while improving your own ability. For further information please contact the appropriate member of the training staff.

Cliff Cunningham (274-3073) Squadron Training Officer

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

Orley Stewart (274-7899) Assistant T.O. in charge of Basic Boating in Delta (Ladner)

Don Hancock (271-8949) Assistant T.O. in charge of all advanced and elective courses.



### LABOUR DAY CRUISE

What a great weekend! Weather was good - super turnout - great fun!

We - that is to say Carolyn & Martin Hoffman with guests Brian Smith and his ever loving yours truly, on board Cunamara, joined the cruise at Newcastle Island on Saturday having spent Friday night at Silva Bay - it being almost dark on arrival.

Fraser had a VIP along, in the person of Wally Kiss, District Commander, and his wife Eleanor, on board Cricket.

Six boats assembled in Degnen Bay on Friday night including Gabrielle and Brian Ailey, Chris and Aaron aboard Pacific High; Dave and Daphne Williams, Richard and Michael on Fairtide II; Marg and Del Dash on Dauntless; Verna and Brian Payne, Marilyn and Robbie on Khenipsen; Sue and Norm Dyck on Hanalei II; and Eleanor and Wally Kiss on board Cricket. Apparently a pleasant evening was spent, before departing for Newcastle Island on Saturday.

Dauntless, Khenipsen, Cricket, Hanalei II, Fairtide II and Pacific High were seen by Cunamara to be trying to catch the big one off Thrasher Rock, the frantic race to change the name from Fane on the trophy! It seems it would be easier to change ones own name to Fane!

At Newcastle Island, the cruise was joined by John and Gene Jones on board Eugenie K VI, Harry and Nessie Fane on board Yahtzee III, and Flo and Don Delves on the only sailboat present, Kuu-Lani. Flo and Don were "Beckie-less" as she is presently vacationing at 100 Mile House! Harry and Nessie limped in from Pender Harbour on one engine; which was put right by helpful Fraser members. John and Gene have added a hard-top surrounded by canvas over their cockpit, a welcome addition for them.

The stay at Newcastle Island was not without its excitement! Flo and Don's sabot was put to good use by all and sundry! Two of the youngsters on board the sabot, escorted by more on a powered dinghy, sped around the bay, seemingly having some difficulty changing direction in the keen wind on Sunday morning. Several 360°'s were executed, until finally the inevitable happened and two youngsters ended up in the water, amidst the laughter and enjoyment of the onlookers!

Most of the cruise went ashore on Saturday evening to barbecue various dishes. Yours truly and you know who thoroughly enjoyed the ribs provided by our hosts, Carolyn and Martin! Richard Williams provided dinghy service - which put yours truly back a few years when Rob would provide the same service!

After supper - all assembled on the stern of Dauntless where it was decided that another 5 feet and a hot tub would be just right! Yours truly was surprised by no less than 4 Birthday cakes - one with a candle, and one with smarties in the shape of 40. A tee-shirt bearing the credo "39 and holding" was also presented. Beware - you may be the next to receive it! Thank you to all who participated!

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### LABOUR DAY CRUISE (continued)

On Sunday morning, the 10 boat raft broke up, and all but Dauntless, Kuu-Lani, Eugenie K VI and Yahtzee proceeded to the dock at Telegraph Harbour. Eight of us went to the restaurant for an excellent dinner, while the remainder assembled on board Fairtide II, where a full report on the dinner was given on our return.

Monday saw more attempts at breaking the fish record, with, we understand, no success!

A fair crossing was made to return to home ports, and yours truly and you know who said our good-byes to our hosts at Butterworth's gas barge, with many thanks for a most enjoyable weekend, aboard a very comfortable vessel!

Yours truly??

LINDSAY SMITH  
P.R.O.

P.S. The house was still standing when we got home -  
With no signs of anything amiss!

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### COMING EVENTS

- Sept. 19 and 21 - Boating Class Registrations.
- Sept. 20 - Registration for Advanced Piloting.
- Sept. 23 - This will be the first of the season's monthly social evenings with guest speaker Chris Lovelidge of Nautilus Insurance Services talking on the marine insurance program being developed for C.P.S. members.
- Sept. 27 - Registration for Seamanship-Power, Jn and N.
- Sept. 29 - Registration for Marine Maintenance.
- October - Thanksgiving Day Cruise  
For details on this cruise call Cruisemaster - Del Dash.

