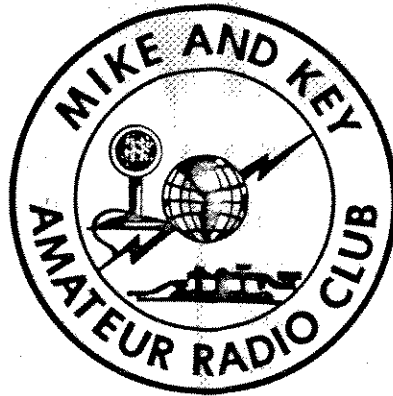


# K7LED



# RELAY

SEATTLE, WASHINGTON

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### K7LED RELAY EDITOR

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The K7LED RELAY is the official publication of the Mike and Key Amateur Radio Club, 23206 S.E. 53rd, Issaquah, WA. 98027. Articles may be quoted in full or in part without prior permission, providing the K7LED RELAY is credited. Deadline is the 1st of each month.

The Mike & Key net meets each Sunday morning at 10 a.m. on 3,930 Khz with Novice and CW check-in on 3,730 Khz and VHF on 146.58 Mhz and K7LED/R 52.37—53.37 Mhz.

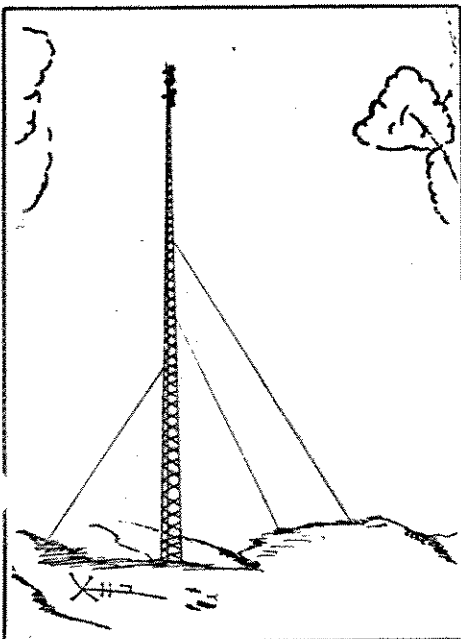
Club meets the third Saturday of each month at 10 a.m. at "The Good Neighbor Center" located at 305 S. 43rd St. in Renton, which is across the street from Valley General Hospital...

### MIKE AND KEY AMATEUR RADIO CLUB

4522 Brooklyn Ave. N.E., Apt. 316  
Seattle, WA 98105



ADDRESS CORRECTION REQUESTED



"Now, hand me the antenna!"

FIRST CLASS

WA7TRI  
BOB DONNELL  
4522 BROOKLYN AVE NE #316  
SEATTLE, WA 98105

AN ARRL AFFILIATED CLUB

CLUB OFFICERS

President	Harry Lewis	W7JWJ	523-9117
Vice President	Gene Jacobson	WA7TAI	822-3931
Secretary	Burr Rideout	KA7HNG	486-6610
Treasurer	Dick Lundstrom	WA7UEW	838-9559
Activity Manager	Jan Hedberg	WA7HWX	

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June 19 Business Meeting, 10 AM; Final planning  
for Field Day

June 26,27 Field Day Weekend (Hope to see YOU there)

The club now has the beginnings of a club-owned public address system; we now own an amplifier! Now we need a microphone mixer, some mikes, and lots of speakers. With lots of speakers we will be able to spread the sound around and have much more control of the loudness.

NEWSPAPERS \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ ALUMINUM CANS

HO, HO, HO and a Zing A - T DING!!!! Thanks to all who donated their newspapers during the newspaper drive. The ladies were the recipient of over one hundred dollars for their prize money. Had a few loads that put the old pick-up down on the springs. The biggest load was 1290 pounds. The newspaper project will continue as long as you keep bringing in the newspaper. By the way we handled aluminum cans a few times and the results is outstanding, so, all you beer drinkers save the cans and bring them to the club meeting also. Might even get the kids to clean up around the neighborhood and bring in the cans, how about the guy next door get his cans too. Thanks again to all and keep up the good work, the ladies will love you for it - see you at the next club meeting. 73. WA7EKH & WA7ELI.

FIELD DAY\*\*\*\*\*FIELD DAY\*\*\*\*\*FIELD DAY

Well June is here and Field Day is upon us. Looks like we may be missing a band or two this year, too bad. Seems we can't get any CW enthusiasts interest in 20 CW. How about it Elmo--Dan??? A check list has been printed in this months relay so there won't be and excuses about what you forgot. The June meeting will be used to clear up and last minute detail. The Ferry schedule changes this weekend so we didnt get one for print as it would be out of date.

YES, VIRGINIA, THERE WILL BE A FLEA MARKET!

I guess we must have done well, since the membership voted to have an Electronics Flea Market again next year. Despite what seems like an age away we really have some important things to accomplish this summer to make next spring really successful. There was a kick-off meeting on June 3rd at the de Jong's. Since I'm typing this before the meeting I can't report on what went on. Hopefully, we will have had a good brainstorming session. I want as many ideas and input as possible. Next year we would like to make the computer part of the Flea Market much more important than it was last March. The only reason for the past was a lack of planning time. If you have any contacts with computer dealers or computer clubs, please give me names and numbers to follow up on. I'd like to take this opportunity to thank all the people that made March's effort so successful; Bill for his tireless needling and pushing; Hal for all the running and lay-out work; all the people that came to ARS to stuff mailers; all the people that went home from the FM with sore backs from hauling all that "junque", promise we won't commit you to that again next year; and lastly to all the Club for supporting us last year.

HAPPY BIRTHDAY!!!!!!!!!!!!HAPPY BIRTHDAY!!!!!!!!!!!!HAPPY BIRTHDAY!!!!!!!!!!!!

We only have two birthday boys in June. One the 20th Karl, N7AMX, gets several more gray, oophs, silver hairs. At the end of the month on the 28th, right after Field Day, Tom, WB7OUT, carves another notch on his HT. That's it for June, have a nice one Karl and Tom!!!!

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A PARTY - AUGUST 21st., 1982

Actually it's a Fourth of July party in August. Why - because the Fourth of July os so much fun why not double our fun with a second celebration. Save a firework from the 4th and we'll have another display. That ought to confuse the tourists. Location - about 3 miles from beautiful downtown Redmond. Plan on comming for an hour, a day, or a week-end. Plenty of room - lots of fun. More details in the next issue.

P.S. This is not a club sponsered event.

K7WTG

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Please inform Al, WA7TIB if you have any club property as Al is going to enter all the data (what all we own) on his computer so as to make auditing if easier. We don't want you to return the item (to whom?) just to tell us where we can find it!

BUSINESS MEET MAY 10, 1982

The meeting was called to order by Harry Lewis, W7JWJ.

Minutes of the preceding meetings were read and approved as corrected.

The treasurer reported a balance of 1099.16 dollars.

JimW7GPW reported on preparations for Field Day.

Jan, WA7HWX reported of future club activities.

Gibb, W7JIE reported on the calendar of events.

Joe Winter, WA7RWK Washington Section Communications manager, gave a special report on official observers and official bulletin stations.

Al, WA7TIB reported that the club Inventory Committee had been disbanded.

Chuck Wa7EBH reported on two meter communications for the Ballard parade.

In response to a query from Hal, N7NW, Pete, K7WTG, reported that Chuck would be in charge of communications for Seafair, but that members of Mike and Key club would serve individually, not as a club.

Karl, N7AMX asked for volunteers for net control for the Mike and Key Sunday morning net.

It was moved and seconded that the Flea Market be held. An amendment was offered that Debra, N7AVO be the chair person. The motion was passed as amended.

It was moved and seconded that the club accept the check for Bill Balzarnini and a letter be written thanking him. An amendment was offered that if the money were not to be used for Pete's transportation the money should be returned. The motion was passed as amended.

Debra, N7AVO announced that the kick-off meeting for the Flea Market would take place at her home June 3.

It was moved and seconded that the club hold an auction. An amendment was offered that Karl, N7AMX be chairperson. The motion was passed as amended.

It was moved seconded and passed that the Board assume the responsibility for publishing the Relay by establishing communications between the secretary and the editor before deadline.

It was moved seconded and passed that we adjourn...

Following the business meeting Mary, W7QGP brought us news of Federal legislation and ARRL policies of special concern to the Mike and Key club and its members.

## UPGRADE:

The following information may be useful to M&K members who are interested in upgrading their license class. One of the greatest obstacles seems to be the Morse Code. However, there are a number of stations providing on the air practice sessions on a regular basis at all of the necessary speeds.

The following is a partial list of stations. The times listed are local (Pacific) time and will not change when we go into Daylight Savings.

1. WA7YCM Elmo, 146.52 8:30-9:30 P.M. Mon-Tue-Wed  
Elmo's objective is to help you to step up to a higher grade license class.
2. K7HLR Clearfield, Ut. 3698 Khz 7:00-8:30 P.M. Mon-Tue-Wed-Fri  
7098 Khz 9:30-11:00 A.M. Mon-Tue-Wed-Fri  
Code speed begins at 5 wpm, then, 7.5, 12.5, 15, 17.5, 20, 25, 30, 35, and ends at 40 wpm.
3. W6QIE 3590 Khz Daily except Mondays 8:00-9:00 P.M.  
Code speed begins at 5 wpm, then 8, 11, 14, 17, 20, 25, and ends at 30 wpm.
4. W1AW 7080, 14080, 21080, and 28080. (All sessions one hour)  
Fast CW on Mon-Wed-Fri at 1:00 and 7:00 P.M.  
Tue-Thr-Sat-Sun at 4:00 P.M.  
Tue-Thr at 6:00 A.M.  
Code speed begins at 35 wpm, then, 30, 25, 20, 15, 13, and 10  
  
Slow CW on Mon-Wed-Fri at 6:00 A.M. and 4:00 P.M.  
Tue-Thr-Sat-Sun at 1:00 and 7:00 P.M.  
Code speed begins at 5 wpm, then 7.5, 10, 13, and ends at 15.  
  
Daily bulletins are sent on CW at various hours. These bulletins are sent at 18 wpm. Consult April 1982 QST page 84.
5. K7YOM Tacoma 21180 Khz. 6:00-7:00 P.M. Mon thru Fri.  
Code speed from 5 to 13 wpm. (I have not been able to confirm this. Information was received through another source.)
6. According to W7JWJ Harry: There are plans to set up a low power cw station to send practice cw for several hours per day on a regular basis. Further details will be posted as they become available.

If anyone knows of any other code practice stations, please let me know so that it can be made available to the membership.

# FIELD DAY CHECK - LIST

(Revised and Updated Ver. 1.2)

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## OPERATING

## PERSONAL

<p><input type="checkbox"/> TRANSMITTER</p> <p><input type="checkbox"/> RECEIVER</p> <p><input type="checkbox"/> POWER SUPPLY</p> <p><input type="checkbox"/> SPARE FUSES FOR ABOVE</p> <p><input type="checkbox"/> EXTENSION CORDS</p> <p><input checked="" type="checkbox"/> TRANSMATCH</p> <p><input type="checkbox"/> SWR BRIDGE</p> <p><input type="checkbox"/> OPERATING LIGHTS</p> <p><input type="checkbox"/> F.C.C. LICENSE</p> <p><input checked="" type="checkbox"/> LOG SHEETS</p> <p><input type="checkbox"/> DUPE SHEETS</p> <p><input type="checkbox"/> SCRATCH PAPER</p> <p><input checked="" type="checkbox"/> LOTS OF PENCILS</p> <p><input type="checkbox"/> PENCIL SHARPENER</p> <p><input type="checkbox"/> MICROPHONE</p> <p><input checked="" type="checkbox"/> KEYER, BUG, OR KEY</p> <p><input type="checkbox"/> CLOCK</p> <p><input type="checkbox"/> OPERATING TABLE</p> <p><input type="checkbox"/> CHAIRS</p> <p><input type="checkbox"/> HEADPHONES</p> <p><input type="checkbox"/> ANTENNAS</p> <p><input type="checkbox"/> TOWER OR MAST</p> <p><input checked="" type="checkbox"/> GUYLINE - ROPE</p> <p><input checked="" type="checkbox"/> GUY ANCHORS "REBAR"</p> <p><input type="checkbox"/> ROTOR WITH CABLE</p> <p><input type="checkbox"/> FEEDLINE WITH CONNECTORS</p> <p><input type="checkbox"/> EXTRA FEEDLIN</p> <p><input type="checkbox"/> EXTRA CONNECTORS</p> <p><input type="checkbox"/> BARREL CONNECTORS</p> <p><input type="checkbox"/> MECHANICS TOOL BOX (WITH NUTS &amp; BOLTS)</p> <p><input type="checkbox"/> ELECTRONICS TOOL BOX ( WITH SOLDER AND SOLDERING IRON )</p> <p><input checked="" type="checkbox"/> AMERICAN FLAG FOR TOWER</p> <p><input checked="" type="checkbox"/> CHRISTMAS TREE LIGHTS FOR TOWER</p> <p><input checked="" type="checkbox"/> RIBBON FOR GUY-LINES</p> <p><input type="checkbox"/> SLEDGE HAMMER</p> <p><input type="checkbox"/> HARD HAT</p> <p><input checked="" type="checkbox"/> CLIMBING BELT</p> <p><input type="checkbox"/> 146.58 SIMPLEX RIG</p> <p><input checked="" type="checkbox"/> BACKUP RIG - COMPLETE</p> <p><input type="checkbox"/> SPARE LIGHT BULBS</p> <p><input type="checkbox"/> GROUND STAKE, WIRE, AND CLAMPS</p> <p><input type="checkbox"/> ELECTRICAL TAPE</p> <p><input type="checkbox"/> DUCT TAPE</p>	<p><input type="checkbox"/> FOOD &amp; UTENSILS</p> <p><input type="checkbox"/> SNACKS</p> <p><input type="checkbox"/> RAIN GEAR</p> <p><input type="checkbox"/> WARM COAT</p> <p><input type="checkbox"/> BOOTS</p> <p><input type="checkbox"/> GLOVES</p> <p><input type="checkbox"/> TOILETRIES</p> <p><input type="checkbox"/> GAS LANTERN</p> <p><input type="checkbox"/> STOVE</p> <p><input type="checkbox"/> FUEL FOR ABOVE</p> <p><input type="checkbox"/> FLASHLIGHT</p> <p><input type="checkbox"/> EXTRA BATTERIES</p> <p><input type="checkbox"/> MATCHES</p> <p><input type="checkbox"/> SLEEPING GEAR</p> <p><input type="checkbox"/> NON-ELECTRIC CLOCK</p> <p><input type="checkbox"/> FIRST AID KIT</p> <p><input type="checkbox"/> TRASH BAGS</p> <p><input type="checkbox"/> WATER</p> <p><input type="checkbox"/> INSECT REPELENT</p> <p><input checked="" type="checkbox"/> SUN SCREEN LOTION</p> <p><input type="checkbox"/> CAMERA</p> <p><input type="checkbox"/> FILM FOR ABOVE</p> <p><input type="checkbox"/> CASH FOR CAMP FEE</p> <p><input type="checkbox"/> DRUGS FOR THOSE</p> <p><input type="checkbox"/> MALADIES YOU ARE</p> <p><input type="checkbox"/> SUCEPTIBLE TO</p>
--	--

ALSO: Leave phone numbers of hams who are not going to Field Day that can contact the site in case of an emergency. Be certain to bring plenty of water as there is NONE at the operating site!!!

Victoria

Fort Flagler State Park  
Field Day 1982 !!!  
June 26,27

B.C.  
WASH.

Ediz Hook  
To Neah Bay  
Port Angeles

To Forks, Lake Quinault,  
Aberdeen

Olympic National Park

### FERRY ROUTES and CONNECTING HIGHWAYS

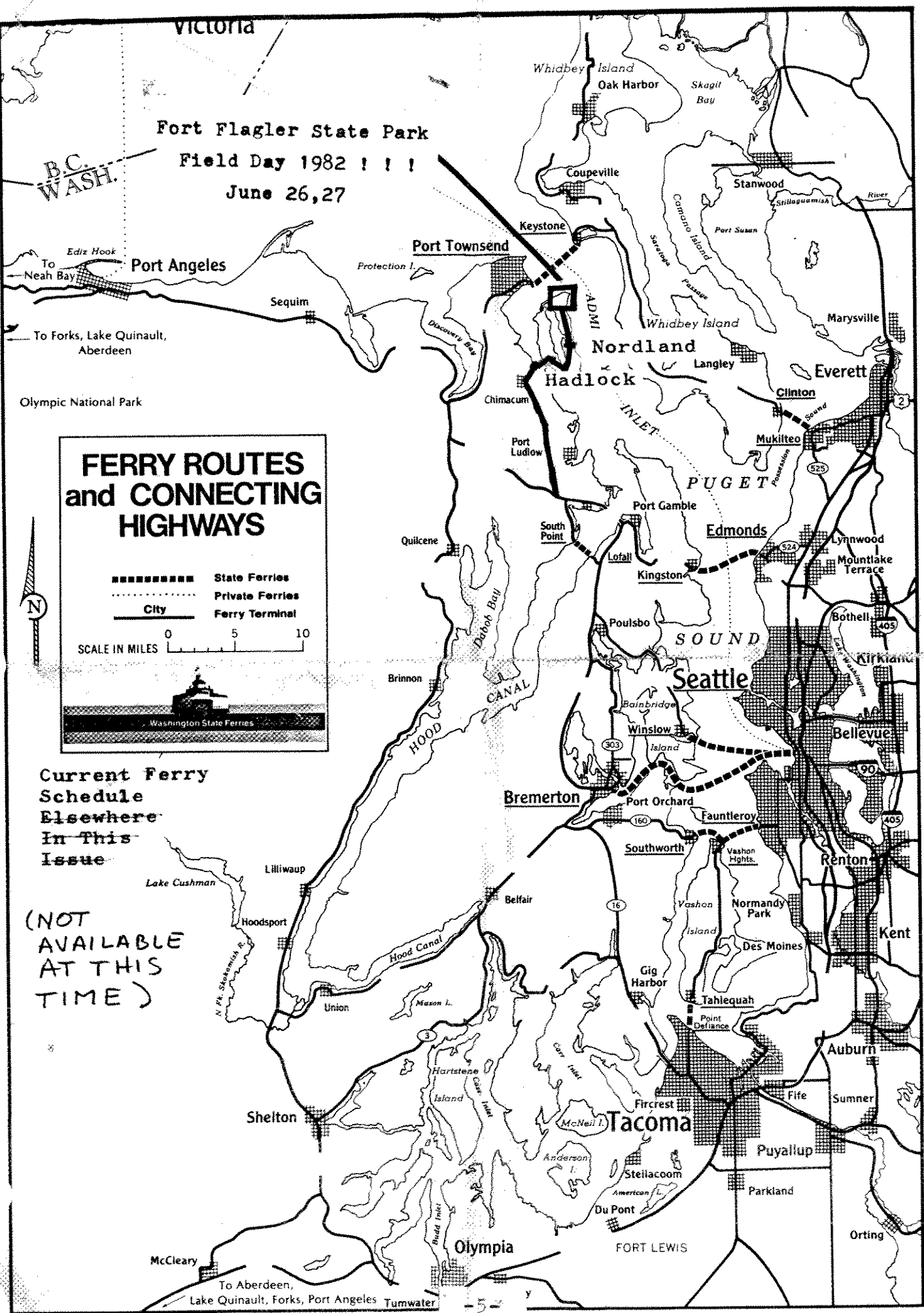
- State Ferries
- ..... Private Ferries
- City
- Ferry Terminal

SCALE IN MILES 0 5 10



Current Ferry  
Schedule  
Elsewhere  
In This  
Issue

(NOT  
AVAILABLE  
AT THIS  
TIME)



Lake Cushman

Lilliwaup

Hoodport

N. Pk. Skokholm R.

Union

Shelton

McCleary

To Aberdeen,  
Lake Quinault, Forks, Port Angeles  
Tumwater

Whidbey Island

Oak Harbor

Skagit Bay

Coupeville

Stanwood

Shillagumish River

Keystone

Port Townsend

Protection I.

Sequim

Whidbey Island

Marysville

Nordland

Everett

Hadlock

Chimacum

Clinton

Port Ludlow

Mukilteo

Port Gamble

Edmonds

Quilcene

South Point

Lofall

Kingston

Lynnwood

Mountlake Terrace

Brinnon

Poulsbo

Bothell

Bainbridge

Winslow Island

Bellevue

Bremerton

Port Orchard

Fauntleroy

Southworth

Vashon Hights.

Renton

Lilliwaup

Belfair

Vashon Island

Normandy Park

Kent

Hood Canal

Gig Harbor

Tahlequah

Auburn

Shelton

Hartstene Island

Fircrest

Fife

Sumner

McNeil I.

Tacoma

Puyallup

Anderson I.

Steilacoom

Parkland

American I.

Du Pont

Fort Lewis

Orting

Olympia