



Bremerton Seattle Wake Research Field Test Service Frequently Asked Questions

WHAT IS THE RICH PASSAGE WAKE RESEARCH PROJECT?

In 2004, recognizing that the key to sustainable fast ferry service between Bremerton and Seattle was a scientifically sound and environmentally sensitive passenger ferry fleet and service plan, a team of consultants was engaged to:

- Establish science regarding wake impacts using both data and predictive tools
- Establish wake criteria to minimize shoreline damage in Rich Passage from fast ferry wake damage
- Optimize the design for and build a low-wake prototype vessel
- Engage shoreline property owners through continuous communication of study and technical findings
- Apply science to identify and address the environmental impacts in an open, public forum
- Conduct impact studies in a full-scale operating environment using the prototype vessel

WHAT HAS BEEN ACCOMPLISHED SO FAR?

Much has been accomplished over the course of the project:

- An integrated set of impact modeling tools have been developed that can be used for Rich Passage and other confined waterways around the world.
- A low-wake hull has been designed and optimized for the prototype vessel using computational fluid dynamics (CFD) analysis.
- The Rich Passage 1 (RP 1), a low-wake prototype vessel, has been built that meets the performance criteria established through past research.
- A comprehensive database has been compiled to form a baseline for future testing of the Rich Passage 1 in Rich Passage.

WHAT'S THE NEXT STEP?

The next step in the project is to measure the shoreline response to the Rich Passage 1 in a field operating test. The field test is designed to simulate a high-speed passenger ferry service. Wake data will be collected to measure wakes, waves and water levels at multiple locations in sensitive areas along the ferry route. Shoreline data will be collected through geo-referenced beach photos, observations, extensive beach profile surveys, direct measurement of gravel transport and ground-based laser scanning surveys.

WHAT IS THE FIELD TEST SERVICE AND WILL PASSENGERS BE CARRIED?

The Rich Passage 1 will operate Monday through Friday during the morning and evening commute periods between Bremerton and Seattle. Passengers will be carried to simulate as closely as possible a regular high-speed ferry service. The passenger capacity of the RP 1 is 113 plus four wheel chair locations.

WHEN WILL SERVICE BETWEEN BREMERTON AND SEATTLE BEGIN AND HOW LONG WILL IT LAST?

Service is scheduled to begin Monday, June 25th. If the RP 1 performs as expected, the test service is planned to operate through October 2012.

WHAT IS THE CROSSING SCHEDULE?

In the beginning there will be two round trips in the morning and two in the afternoon. An additional trip may be offered after initial measurement data is evaluated. The service schedule is below:

Weekdays			
To Seattle		To Bremerton	
Depart Bremerton	Arrive Seattle	Depart Seattle	Arrive Bremerton
AM 5:35	AM 6:10	AM 6:20	AM 6:55
7:12	7:50	7:55	8:30
PM 4:25	PM 5:00	PM 5:07	PM 5:45
5:55	6:35	6:43	7:18

WHERE WILL THE RICH PASSAGE 1 BOARD?

RP 1 will land at the Bremerton Transportation Center and at Pier 50 next to the Washington State Ferry auto terminal in Seattle.

HOW MUCH WILL IT COST TO RIDE THE RP 1?

Fares will be collected round-trip in Seattle. The fare will be \$7 round-trip or \$3.50 round-trip for reduced –fare eligible ORCA cardholders and can be paid through an ORCA E-purse or in cash. Exact fare only. No change will be made.

CAN I “RESERVE” A SPOT ON A TRIP?

Yes. A reservation system will be available for eighty five (85) seats in each sailing. Beginning June 18, you can make a reservation for a round-trip on-line. You must select both legs of the round-trip and you may reserve round trip boardings for a week in advance. Riders with reservations will load first. Five minutes before departure the remaining seats will be filled first-come, first-served. More information will be available about the reservation system soon.

WHERE CAN I LEARN MORE ABOUT THE WAKE RESEARCH PROJECT?

More information about the research project is available at <http://www.pugetsoundpoff.com/home.htm>

HOW CAN STAY UP-TO-DATE ON THE UPCOMING FIELD TEST SERVICE?

There are a number of ways you can stay current on the service:

- Sign up for rider alerts at www.kitsaptransit.org
- Watch for service announcements at the Bremerton Transportation Center
- Check the Kitsap Transit website at www.kitsaptransit.org.
- Contact Kitsap Transit at 1-800-501-7433
- Check the MTAK website at <http://www.mtak.org/>