



Keystone Citizen Advisory Group

Washington State Ferries' Proposed Harbor Studies **** DRAFT ****

The following is a list of proposed areas of study for the Keystone Harbor Study. These proposed studies cover the topics that were specified in the legislation that directed WSF to perform this study. Additional study areas may be added, subject to time and funding constraints. As the final scope of work is developed, WSF will determine the duration and method of each study and discuss these specifications with the CAG.

No.	Proposed Study Areas	Study Description	Questions to be Answered	Lead	WSF Support
1	Options for Operating Out of Keystone Harbor	Look at various options to maintain operations out of Keystone Harbor	<ul style="list-style-type: none"> ➤ What options should be considered for the Keystone Harbor and Terminal? ➤ What costs and benefits need to be analyzed for each option? ➤ What design considerations need to be addressed? ➤ <i>What else?</i> 	Dana Moreland, Project Manager	Terminal and Vessel Engineering; Operations; Maintenance; Environmental; and Budget

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2	Ridership Projections	Look at the ridership projections for this route	<ul style="list-style-type: none"> ➤ What are the throughput considerations for potential vessel types? ➤ What is the service plan for the route over the next 20 years? ➤ What type of vehicle ridership needs to be considered? ➤ <i>What else?</i> 	Dana Moreland, Project Manager	Planning; and Operations
3	Maintenance and Retrofit of Existing Vessels	Look at what is required to maintain and retrofit the existing vessels for continued service on the route	<ul style="list-style-type: none"> ➤ What are the preservation and maintenance costs per year? ➤ What is the U.S. Coast Guard's position on Steel Electric Vessels? ➤ What impact does keeping the Steel Electrics in service have on the rest of the WSF system? ➤ <i>What else?</i> 	Dana Moreland, Project Manager	Vessel Engineering; Budget; Operations; and Maintenance
4	Traffic Impacts	Look at the impact of vehicles from the ferry on local highway capacity	<ul style="list-style-type: none"> ➤ What geographical parameters should be developed for traffic modeling? ➤ For each potential vessel type, how will the immediate area around the terminal be affected by traffic? SR 525? 	Dana Moreland, Project Manager	Terminal Engineering; and Operations

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			<p>Coupeville? SR 20? Port Townsend?</p> <ul style="list-style-type: none"> ➤ For each potential vessel type, how will holding, queuing and exiting be addressed? ➤ What accessibility issues should be addressed? ➤ What are the impacts to the surrounding neighborhoods? ➤ <i>What else?</i> 		
5	New Vessels	Look at how many, if any, new vessels should be constructed	<ul style="list-style-type: none"> ➤ What are the vessel construction costs? ➤ What are the maintenance and preservation costs? ➤ What are the operational costs? ➤ What are the revenue potentials? ➤ What are the system-wide impacts? ➤ <i>What else?</i> 	Dana Moreland, Project Manager	Planning; Vessel Engineering; Budget; and Operations
6	Impact on the Environment	Look at what impacts to the environment may occur from each of the options being studied	<ul style="list-style-type: none"> ➤ What are the impacts to habitat and aquatic resources, such as Crockett Lake? ➤ What are the impacts to cultural and historical resources? 	Dana Moreland, Project Manager	Environmental; and Terminal Engineering

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			<ul style="list-style-type: none"> ➤ What are the impacts to the state park and recreational users? ➤ <i>What else?</i> 		
7-?	<i>What else should be studied?</i>				