Washington State Ferries
2040 Long Range Plan

Policy Advisory Group

Stephanie Cirkovich, WSF Community Services and Planning Director
Ray Deardorf, WSF Senior Planning Manager

September 21, 2017
Meeting objectives

1. Confirm Policy Advisory Group roles
2. Provide background data on WSF existing conditions
3. Evaluate WSF strengths, weaknesses, opportunities, and threats
Agenda

• Welcome and introductions
• Affirm group roles and responsibilities
• Existing conditions
  – Fleet
  – Terminals
  – Origin and destination data
• SWOT analysis
• Next steps
Policy Advisory Group roles

The role of the Policy Advisory Group is to:

• Provide strategic advice on how to prioritize needs

• Represent group’s or communities’ interests and concerns

• Help disseminate plan updates and public involvement opportunities to key audiences

• Review and provide feedback on draft plan elements

• Collaboratively engage with other PAG members

• Assist in building/maintaining support for the plan
Policy Advisory Group roles

The WSF project team will:

- Provide background materials, data, and public input
- Respond to questions and requests quickly and as thoroughly as possible
- Attend PAG meetings to answer questions and inform discussion
- Consider and address PAG input when developing the plan
- Report back to PAG members on how the project team considered and addressed input in the final plan
<table>
<thead>
<tr>
<th>Category</th>
<th>Ship Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>Largest</td>
<td>Jumbo Mark II</td>
</tr>
<tr>
<td>Large</td>
<td>Jumbo</td>
</tr>
<tr>
<td>Smallest</td>
<td>Kwa-di Tabil</td>
</tr>
<tr>
<td>Medium</td>
<td>Issaquah</td>
</tr>
<tr>
<td>Newest</td>
<td>Olympic</td>
</tr>
<tr>
<td>Old</td>
<td>Super</td>
</tr>
<tr>
<td>Oldest</td>
<td>Evergreen State</td>
</tr>
</tbody>
</table>
Aging fleet

Vessel Age (2017)
New Olympic Class vessels

- 2014 – Tokitaе
- 2015 – Samish
- 2017 – Chimacum
- 2018 – Suquamish
Oldest vessels in the fleet

- Super Class, 1967
  - M/V Hyak
  - M/V Kaleetan
  - M/V Yakima
  - M/V Elwha

- Evergreen State Class
  - M/V Tillikum, 1959
Terminals
2017 Terminal operations: 100 year seismic event

- Red: Terminal out of service
- Green: Terminal remains open
  (May have reduced service)
2027 Terminal operations: 100 year seismic event

- Terminal out of service
- Terminal remains open (May have reduced service)
2017 Terminal operations: 1000 year seismic event

- Terminal out of service
- Terminal may require repairs
- Terminal remains open
2027 Terminal operations: 1000 year seismic event

- Terminal out of service
- Terminal may require repairs
- Life Safety Design Criteria
- Terminal remains open
Origin-Destination Travel Survey overview (2013)

- WSF conducts survey every 7 years to identify changing trends in ferry user travel patterns
- Topics include:
  - Trip origin and destination locations
  - Travel mode
  - Trip purpose, frequency
  - Demographics
- Paper and electronic format
- 16,000 completed surveys
- Cost: $600k
O-D Survey results: Rider home locations

Weekday

Saturday
O-D Survey results: Transit access to terminals

- Ferry riders connecting by transit account for:
  - 13% of weekday ridership
  - 4% of Saturday ridership

- Transit use concentrated close to ferry terminals
O-D Survey results: Non-motorized connections

**Walk** access to and from terminals:
- 15% of weekday ridership
- 11% of Saturday ridership

**Bike** access to and from terminals:
- 3% of weekday ridership
- 1% of Saturday ridership
O-D Survey results: Vehicle boardings that could shift to non-motorized

- Approximately **12%** of survey respondents who boarded by car live within 2 miles of the ferry terminal.
- About **15%** of vehicle boardings have a trip origin or destination within 2 miles of the terminal.
- **3%** of vehicle trips have both an origin and destination within 2 miles of the terminal.
O-D Survey results: Aging population of riders system-wide

- Baby Boomers are shifting into retirement age, while Millennials are emerging as a larger group than Generation X
- 18% of riders are retired
- Another 14% not already retired are planning to retire in the next 5 years

System-wide rider age
All survey periods

2006 Average age: 48
2013 Average age: 49
O-D Survey results: Aging population of riders system-wide

- Higher percentage of survey respondents in 50 to 64-year range compared to 12-county and statewide populations

Data Source: Washington State Office of Financial Management (OFM)
O-D survey results: System-wide findings

Population growth and ridership

<table>
<thead>
<tr>
<th>Year</th>
<th>12-county Population</th>
<th>System-wide Ridership</th>
</tr>
</thead>
<tbody>
<tr>
<td>1999</td>
<td>3.9 million</td>
<td>72,200 per day</td>
</tr>
<tr>
<td>2006</td>
<td>4.3 million</td>
<td>65,300 per day</td>
</tr>
<tr>
<td>2013</td>
<td>4.6 million</td>
<td>61,700 per day</td>
</tr>
<tr>
<td>2016</td>
<td>4.9 million</td>
<td>66,315 per day</td>
</tr>
</tbody>
</table>
O-D Survey results: Origin and destination district maps

Seattle–Bainbridge Island
Weekday PM Peak Period, Westbound

Fauntleroy–Vashon
Weekday PM Peak Period, Westbound
Long Range Plan SWOT analysis

• Strengths (Internal)
• Weaknesses (Internal)
• Opportunities (External)
• Threats (External)
Look ahead

• WSF finalizes plan scope and hires consultant

• Next PAG meeting: November