

# ON-TIME PERFORMANCE REPORT

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## I. INTRODUCTION

The purpose of this report is to respond to a proviso from the 2010 legislative session (below) and document several aspects of on-time performance in the operations of the Ferries Division of the Washington State Department of Transportation (WSF). The report documents what factors influence on-time performance, how WSF's on time performance in 2010 compares to 2009 citing route specific examples, case studies on how WSF has worked to improve on-time performance on specific routes, and how it is measured and will be reported to customers.

**THE PROVISIO STATES:** Sec. 18. 2010 c ... (ESSB 6381) s 222 (uncodified) is amended to:

FOR THE DEPARTMENT OF TRANSPORTATION--MARINE--PROGRAM X Puget Sound Ferry Operations Account (a) The department shall conduct a study to identify process changes that would improve on-time performance on a route-by-route basis. The study must include looking into the slowing down of vessels for fuel economy purposes and touch-and-go sailings on peak runs. The department shall report its findings to the transportation committees of the senate and House of Representatives by December 1, 2010. (b) The department shall, by November 1, 2010, report to the transportation committees of the legislature statistics regarding its on-time arrival and departure status on a route-by-route and month-by-month basis, as well as an annual route-by-route and systemwide basis, weighted by the number of customers on each sailing and distinguishing peak period on-time performance. The statistics must include reasons for any delays over ten minutes from the scheduled time. The statistics must be prominently displayed on the Washington state ferries' web site. Each Washington state ferries vessel and terminal must prominently display the statistics as they relate to their specific route.

The proviso report has been delayed because of time needed to set up a consistent means of capturing and reporting reasons for late departures.

### **Importance of On-Time Performance**

On-time performance is a measurement of how well the vessels are performing relative to their published departure times and the estimate of arrival times. On-time performance is defined as a vessel departing within 10 minutes of its scheduled departure time. On-time performance is important for several reasons. The most important is reliability and certainty for WSF's customers. It is important for making transit connections and customers being on-time for work and other appointments. Another benefit is the control of overtime costs that are incurred by WSF when vessels are late and go beyond the crew's normal shift. On-time performance almost always involves tradeoffs with other system goals. On-time performance could be improved simply by allowing more time in the schedule for each trip. This would

reduce the total number of trips resulting in a reduced capacity to serve customers. On-time performance could also be improved if vessels ran at higher speeds. However, an increase in speed generally results in a more than proportional increase in fuel consumption, resulting in higher diesel costs. One of WSF's goals is to conserve fuel, as detailed later in this report.

## II. CURRENT CONDITIONS

### WSF's On-Time Performance

Table 1 shows what the on-time performance has been route by route, as well as for the entire WSF system for the time period of Calendar Year 2010, with 160,000 sailings per year in 2010, 150,000 were within ten minutes of sailing time and 10,000 were late. On-time performance for the system has slightly improved in 2010 compared to 2009.

**Table 1: WSF System On-time Performance CY2009 and CY2010 by Route**

| Route                        | % Within 10 Minutes |      |
|------------------------------|---------------------|------|
|                              | 2009                | 2010 |
| Pt. Defiance - Tahlequah     | 94%                 | 96%  |
| Fauntleroy - Vashon          | 94%                 | 95%  |
| Fauntleroy - Southworth      | 94%                 | 94%  |
| Southworth - Vashon          | 93%                 | 94%  |
| Seattle - Bremerton          | 97%                 | 97%  |
| Seattle - Bainbridge Island  | 95%                 | 94%  |
| Edmonds - Kingston           | 89%                 | 93%  |
| Mukilteo - Clinton           | 96%                 | 98%  |
| Keystone - Port Townsend     | 82%                 | 89%  |
| Anacortes – San Juan Islands | 87%                 | 87%  |
| Anacortes – Sidney, BC       | 72%                 | 85%  |
| System Wide                  | 93%                 | 94%  |

Routes that were below the system average for on-time performance in 2009 included the Anacortes/San Juan Islands/Sidney, B.C. routes, Keystone (now Coupeville) – Port Townsend, and Edmonds/Kingston. Until November 2010, the Port Townsend route was served by a small, slow replacement vessel, which contributed to the less than average performance. Steps to address the Anacortes and Edmonds routes' performance are documented later in the Case Studies section.

### Factors influencing On-Time Performance

Factors that play a part in on-time performance include:

- Tightness of the schedule: The desire to maximize the overall route capacity and schedule convenience by including as many trips and (on multi-destination routes) stops/connections within a fixed number of service hours and vessel crew relief requirements; which is in turn affected by the need for reasonable amount of time for

crossing and loading/offloading at terminals, including security sweeps of the vessels after riders depart and before loading for the next departure.

- The need to provide emergency medical evacuations for island residents.
- Shore side loading and offloading issues including limited terminal facilities, traffic congestion, and, in the case of Edmonds, a busy railroad crossing.
- Periodic incidents of stalled vehicles.
- If the route have a consistent cut off time for loading (for example, the 2 minute cut off rule for loads on the Seattle/Bainbridge route).

The “tightness” of a schedule will determine its susceptibility to being delayed from specific incidents that can throw a vessel off schedule, and its ability to recover from those incidents.

### Seasonal Influences

There is a direct relationship between the amount of traffic carried on WSF routes and on-time performance. Figure 1 shows that, as traffic increases during the peak summer months, on-time performance deteriorates. This is due to several factors:

- There is more vehicle traffic to load and offload in the peak summer months – this means a vessel will need to be at the dock longer. Also, more routes tend to be fully loaded in both directions and not just the peak commuter direction, especially in the afternoon.
- The areas in which terminals are located are also more congested with traffic and pedestrians, which slows offloading and loading.
- Loading and offloading of vehicles is slower due to a larger percentage of recreational travelers who are not as familiar with the system as regular riders.
- On some routes, close to marinas, the seasonal increase in pleasure boat traffic can slow vessel travel time.

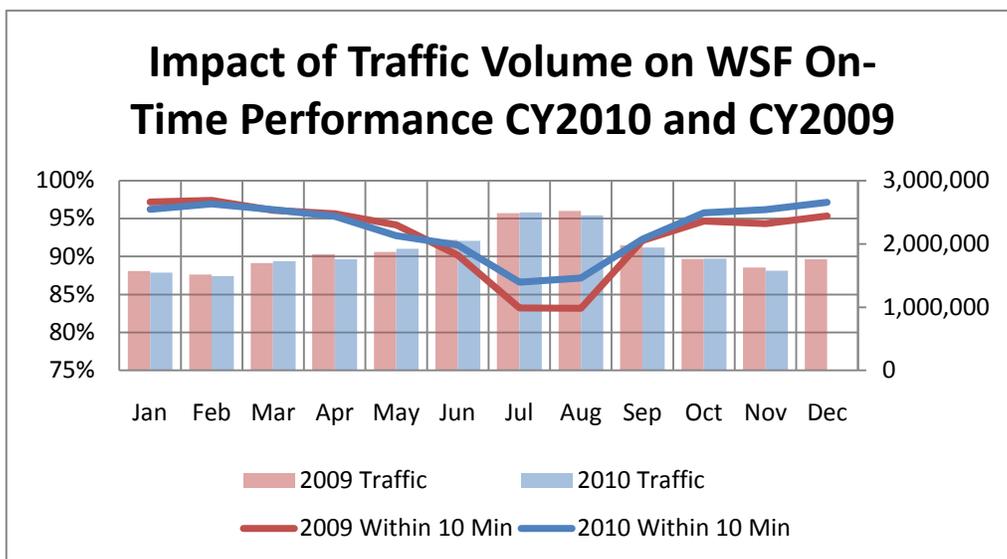


Figure 1

## Operational and Scheduling Process Changes

Several changes can be made to improve on-time performance; however, all have trade-offs with overall operating and capital costs, frequency of service, and an overall route's capacity:

- **Improving (by reducing) time in the terminal for loading and offloading.** This could be accomplished by expensive capital improvements to terminals, such as overhead passenger loading, additional slips, more holding space; additional staffing for traffic control on local streets; improvements to the process of loading and unloading; and ending the practice of squeezing the last few cars on board when traffic loads are very heavy. The recent Passenger Vessel Association Expert Review Panel report recommended three items for consideration, including setting a cut-off time for loading all vessels, offloading vehicles ahead of bicycles, and offloading the center lanes of the vessel first.
- **Spreading the schedule out to allow more time for loading and offloading.** This increases the time between sailings, resulting in reduced frequency for customers and fewer trips during the course of the day. Peak period congestion and wait times for customers can be exacerbated if the scheduled departure times are spaced out further.
- **On multi-destination routes, increasing the proportion of single destination sailings and decreasing the number of multi-destination runs.** While increasing overall throughput efficiency and capacity, this would have the effect of reducing the interconnectedness between terminals and reduce the actual number of sailings to any single destination.
- **Speeding up vessels** could result in some marginal improvements in crossing time and therefore improve on-time performance, but at a cost of a significant increase in fuel consumption.

## Implications of Vessel Speed

Generally, there are fuel and cost savings associated with slowing vessels. However, reducing the speed of vessels, even slightly, can make the goal of on-time performance more difficult to achieve. Three routes have been analyzed in detail for fuel saving opportunities from strategically slowing down certain sailings: Seattle/Bremerton, Seattle/Bainbridge, and Edmonds/Kingston. These routes' schedules have opportunities during a portion of the sailing day to slow the crossing time slightly and still maintain the existing schedule during the non-summer months.

- For Seattle/Bremerton, applying the slowdown to 8 sailings out of the total daily 30, during the non summer season would conserve approximately 33,000 gallons per year, or \$94,700 at January 2011 prices.
- For Seattle/Bainbridge, applying the slowdown to 12 weekday and 17 weekend sailings out of the total daily 46, during the non summer season would conserve approximately 31,000 gallons per year, or \$90,000 at January 2011 prices.

- For Edmonds/Kingston, applying the slowdown to 27 sailings out of the total daily 46 during the non summer season would conserve approximately 98,000 gallons per year, or \$280,000 at January 2011 prices.

The reduction in number of trips and the reduction in speed on selected sailings on the Edmonds/Kingston route has been implemented on a trial basis with the start of the Winter Schedule 2011 on January 2, and will be monitored closely for impacts to on-time performance and overall fuel consumption.

Table 2 shows the fuel savings that could be achieved with slightly longer crossing times.

**Table 2: Fuel Savings with Increased Crossing Times/Slower Speeds**

| <b>Seattle/Bremerton</b>  |             | <b>Gallon/Hour<br/>54 min. crossing</b> | <b>Gallons/Hour<br/>57 min. crossing</b>       | <b>Gallons/Hour<br/>Savings</b> | <b>Percent<br/>Reduction</b> |
|---------------------------|-------------|---|--|---------------------------------|------------------------------|
| Vessel Class              | Super       | 187                                     | 165  | 21.6                            | 12.0%                        |
|                           | Jumbo       | 200                                     | 180  | 20.0                            | 10.0%                        |
|                           | Issaquah    | 133                                     | 129  | 4.3                             | 3.3%                         |
| <b>Seattle/Bainbridge</b> |             | <b>Gallon/Hour<br/>31 min. crossing</b> | <b>Gallons/Hour<br/>33.5 min.<br/>crossing</b> | <b>Gallons/Hour<br/>Savings</b> | <b>Percent<br/>Reduction</b> |
| Vessel Class              | Jumbo Mk II | 239                                     | 214  | 25.4                            | 11%                          |
| <b>Edmonds/Kingston</b>   |             | <b>Gallon/Hour<br/>22 min. crossing</b> | <b>Gallons/Hour<br/>23.5 min.<br/>crossing</b> | <b>Gallons/Hour<br/>Savings</b> | <b>Percent<br/>Reduction</b> |
| Vessel Class              | Jumbo Mk II | 218                                     | 193  | 24.3                            | 11%                          |
|                           | Jumbo       | 157                                     | 141  | 15.8                            | 10%                          |

### Touch and Go Sailings

The concept of “touch and go” sailings is defined as an operating protocol to carry traffic only in the peak direction during heavy travel times, allowing traffic in only the peak direction and not carrying loads back in the off peak direction. In this manner, overall loading and offloading time is shortened and would allow a vessel to return to the other side of the sound more quickly. This would allow more sailings to be made and move peak direction traffic faster.

The concept as defined raises several issues:

- Gaps in the schedule in the off-peak direction. Most routes have significant reverse direction traffic, especially in the afternoons. The exceptions to this are the routes that serve islands with no other access points, such as Vashon and the San Juan Islands.

- On routes with significant reverse direction traffic, overloads would be created and result in an undesirable public relations situation with an empty vessel pulling away from the dock with a load of traffic on the dock.

### **Potential Future Applications of Touch and Go Sailings**

WSF's long range plan of 2009 identified a growth strategy of using vehicle reservations and potentially other demand management options on underutilized sailings as a first step to accommodate growth instead of adding new capacity. As loads on underutilized sailings increase in volume, it will further constrain the ability to designate existing sailings as empty deadhead trips to move peak direction traffic faster and maintain on time performance.

### **Current Off-Peak Applications**

WSF has incorporated related operational techniques into its scheduling to take advantage of lighter traffic in the off-peak direction:

- On the multi-stop route Fauntleroy/Vashon/Southworth, the schedule takes advantage of appropriate opportunities to send a vessel straight back to the terminal where there is peak traffic waiting instead of making intervening stops. This means a lower frequency of service for some travelers going in the off-peak direction, but more capacity and frequency in the peak direction.
- WSF has already taken advantage of lighter reverse direction traffic in the morning vs. afternoon, and cycles the vessels in slightly less time to allow more morning peak direction scheduling flexibility on several routes.

On the Fauntleroy/Vashon route, one of the off-peak morning trips is left off the schedule. It is used for carrying hazardous cargo to the island. If no hazardous cargo is traveling, then whatever vehicles and passengers are waiting at the Fauntleroy terminal are loaded onto that sailing.

## **III. CASE STUDIES**

This section provides what WSF has done to improve on-time performance on three routes, and the trade-off issues associated with that improvement. Also, efforts to improve the on-time performance on two major routes in the early part of the last decade are reviewed.

### **Anacortes/San Juan Islands/Sidney, BC Summer Schedule**

The route through the San Juan Islands to Sidney, BC, poses many challenges to keeping vessels on time:

- Single slips at island terminals prevent two vessels from being in vehicle loading dock at the same time; if one vessel gets behind it can delay the next vessel and will have a ripple effect throughout the day.
- Small terminals, with vehicle holding areas that are separated from the landing slip.

- At Orcas and especially Friday Harbor, vessels offload into intersections with cross traffic, both vehicle and pedestrian.
- Delays by Customs and Immigration at the Sidney, BC terminal.
- Large volumes of traffic and corresponding increases in loading and offloading time during the peak season.

Although one vessel is dedicated to providing interisland service, the desire for more frequent connections between the islands increases the number of mainland-to-islands sailings that stop at more than one destination. This increases the likelihood of a vessel falling behind, since interisland traffic frequently has to be backed on and off, and the increased number of stops increases the likelihood of a vessel needing to wait offshore if a delayed vessel is in the dock.

The percentage of sailings in the San Juan Islands within 10 minutes of sailing time was 76% in the summer of 2009, well below the WSF system average of 93% for all of 2009. WSF set about to restructure the summer 2010 schedule to improve on-time performance with a schedule that:

- Provided more single island destination sailings from Anacortes and not as many multi-stop trips.
- Provided less connectivity between the islands and altered times for trips to the mainland.
- Provided more daily capacity.
- Provided adequate time for loading and offloading vehicles.

The schedule development process is iterative, and the initial public reaction was that there needed to be a re-establishment of the more traditional travel access times between the islands and Anacortes, especially in the afternoon. As a result, the end result was a schedule that restored some of the multi-stops in the afternoons and subsequently had a tendency to run late. Even with that, the schedule did provide some improvement in on-time performance compared to 2009, with 80% on-time performance compared to 76% in 2009.

### **Edmonds/Kingston**

The Edmonds/Kingston route has historically been one of WSF's worst on-time performers. This is a challenging route, with very heavy recreational and commercial traffic (which can take longer to load and offload), heavy marine traffic, and a less than ideal location at the BNSF railroad crossing. An iterative process with the community and route customers over a period of several months yielded a multi-faceted approach to the issue. Changes included:

- Improving the load/offload time by bringing cars down ahead of time at the Edmonds terminal and "shaving" the bumps in the road at the railroad tracks, which slowed loading and offloading.
- Significantly restructuring the schedule to allow more time for loading and offloading.
- Reducing the total number of trips.

The schedule rewrite was done over a period of several months and involved three community meetings, review of schedule options on the vessels with customers on two occasions, plus several additional meetings with the Kingston Ferry Advisory Committee. The result was a schedule that had two fewer trips Monday through Thursday, three fewer trips Saturday and one fewer trip Sunday.

**Impact of Schedule Rewrite**

The experience at Edmonds/Kingston is a good example of the public policy tradeoffs in weighing on-time performance versus overall route capacity. On-time performance improved significantly – Table 3 shows that sailings within 10 minutes of departure time improved from 74% in summer 2009 to 92% in summer 2010. Table 4 shows a month by month comparison: The new schedule went into effect in mid-June 2010. Note that in May 2009, on-time performance improved substantially as there was a 30% reduction in vehicle traffic on the route during the Hood Canal Bridge replacement. Table 4 shows that the new schedule implemented in June 2010 had an immediate positive impact for on-time performance compared to 2009.

**Table 3: Edmonds-Kingston OTP, Summer 2009 vs Summer 2010**

| % Within 10 Min |      |
|-----------------|------|
| 2009            | 2010 |
| 74%             | 92%  |

**Table 4: Edmonds-Kingston OTP  
CY 2009 through November 2010 by Month**

|     | 2009<br>% Within 10 Min | 2010<br>% Within 10 Min |
|-----|-------------------------|-------------------------|
| Jan | 98%                     | 97%                     |
| Feb | 96%                     | 91%                     |
| Mar | 94%                     | 92%                     |
| Apr | 92%                     | 88%                     |
| May | 99% **                  | 87%                     |
| Jun | 84%                     | 89%                     |
| Jul | 72%                     | 87%                     |
| Aug | 69%                     | 90%                     |
| Sep | 85%                     | 98%                     |
| Oct | 94%                     | 100%                    |
| Nov | 93%                     | 98%                     |
| Dec | 90%                     | 100%                    |

\*\* Hood Canal bridge closure

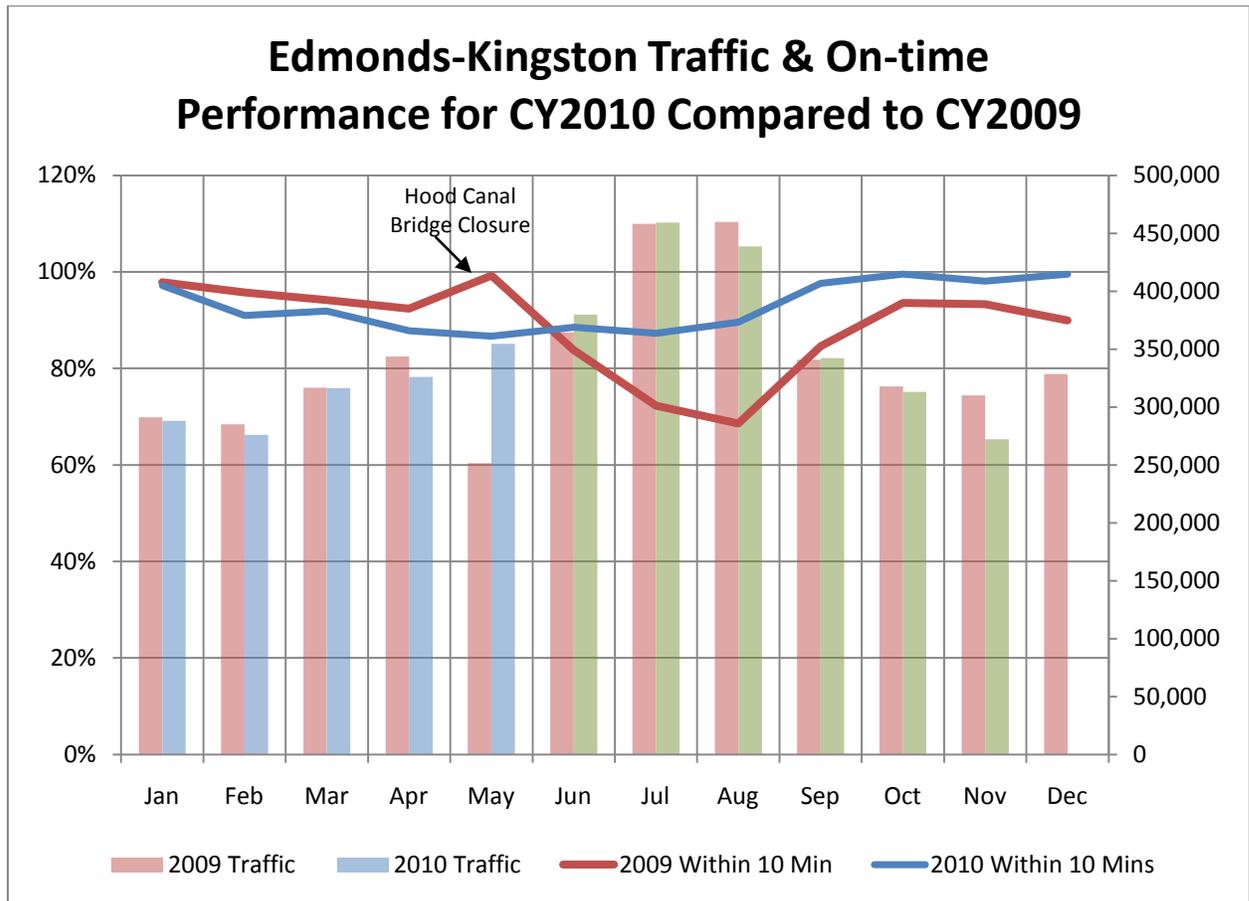


Figure 2

Overtime costs for vessel crews were diminished significantly with the new schedule. In July and August of 2009, the overtime cost on the route was \$120,108. For the same time period in 2010, overtime costs dropped to \$44,770, a reduction of over 60% for a savings of \$75,000.

Review of rider alerts showed a slight increase in the amount of time the route was overloaded during peak periods. From a customer perspective, the perception was that lines were much longer on busy days than the previous summer. Certain days, such as Saturdays, were identified by the Kingston community as particularly bad.

Moving forward, WSF will pursue the following to continue improving on-time performance and address capacity concerns on the new schedule:

- WSF will continue working with the City of Edmonds on the timing of the traffic lights that impact both loading from the upper vehicle holding area to the terminal and offloading traffic that travels straight into town on Main Street.

- BNSF will raise the railroad tracks, eliminating the “bump” that slows loading and offloading.
- Revisit the schedule with the community to review options for alleviating Saturday evening bottlenecks.

**Mukilteo/Clinton**

This route is an example of how a larger holding area capacity and additional terminal operations staffing contribute to better on-time performance. Prior to 2009, the Mukilteo terminal had vehicle queuing space for less than one vessel load – about 110 vehicle spaces for vessels that carry 124. This meant that some of the load could only start to be processed through the toll booth after the vessel started to load, contributing to delayed departures. With the expansion of the vehicle holding area to more than one boat load, a full load can be staged so there is no delay to loading. The expanded holding area was fully staffed by the summer schedule of 2010. This contributed to improvement in that route’s on-time performance, especially when comparing the percent of sailings within five minutes of departure time.

**Table 5: Mukilteo-Clinton OTP, Summer 2009 vs Summer 2010**

| % Within 5 Min |      | % Within 10 Min |      |
|----------------|------|-----------------|------|
| 2009           | 2010 | 2009            | 2010 |
| 77%            | 82%  | 92%             | 94%  |

**Previous Experience on Other routes**

Two routes in the WSF system had their schedules modified in the 2002 – 2003 time period to improve on-time performance – Seattle/Bainbridge and Fauntleroy/Vashon/Southworth.

**Seattle/Bainbridge**

This schedule change, implemented in the fall of 2002, was part of an overall rewrite to accomplish not only improving on-time performance but also rearranging the entire service day to add a sailing from Bainbridge Island before 5:00 am on weekdays, with the tradeoff of moving the last sailing of the night earlier. To improve on-time performance, one round trip was dropped during the course of the service day to build more loading and offloading time into the schedule.

As shown in Table 6, the Bainbridge route functions reasonably well during the fall/winter/spring months with 96% of sailings leaving within 10 minutes of departure time. However, during the summer months that percentage deteriorates to 87%. Consistent with the system as a whole, when ferry loads increase and there is more pedestrian, bicycle and other cross traffic at both the Bainbridge and Seattle terminals, on-time performance degrades.

**Table 6: Seattle-Bainbridge Island OTP, Fall-Winter-Spring vs Summer**

| % Within 10 Min |        |
|-----------------|--------|
| F-W-S           | Summer |
| 96%             | 88%    |

Note: Fall 2009-Winter 2010-Spring 2010-Summer 2010

### **Fauntleroy/Vashon/Southworth**

This route’s schedule was significantly restructured in the fall of 2003 in response to chronic on-time performance issues. This also is a very challenging route to schedule due to several factors:

- It is a multiple destination route with traffic on the Vashon to Southworth leg needing to back on or off or turn around on the vessel.
- The single slip terminal at Fauntleroy means that a delay in one boat’s schedule likely will hold up at least one if not both of the other vessels on the route.
- The lack of overhead passenger loading at Fauntleroy means more time is required to load foot passengers before and after vehicle loading.
- Limited vehicle queuing at Fauntleroy means that vehicles need to be brought in from the queue on the street to finish loading; those vehicles can only be processed through the tollbooth after the vessel starts to load.

A schedule was developed, in an iterative process with all three communities on the route, that reduced overall daily capacity by one round trip and created more direct and fewer multi-stop runs, especially in the afternoon. This improved on-time performance and maintained peak period capacity but with the tradeoff of fewer Vashon to Southworth connections in the afternoons.

## **IV. ON-TIME PERFORMANCE MONITORING AND REPORTING**

WSF has now set up a reporting system for regular public dissemination of on-time performance data. Vessel staff now has the ability to record the reasons why sailings are more than 10 minutes behind schedule via the mechanism of a pop-up window on the vessel’s computer screen. The choice of reason codes are listed below:

### **Late Reason Descriptions**

#### Crew Issues

- Crew did not report
- Error in Dispatch
- Added time for Crew familiarization
- Accumulated delay due to earlier crew issue(s)

#### Incidents

- Medical incident
- Rescue incident
- Vehicle stalled
- Vehicle stuck on ramp
- Dangerous goods incident
- Other incident (lost keys, police activity, etc.)
- Accumulated delay due to earlier incidents(s)

#### Mechanical Issues

- Vessel propulsion system
- Vessel propulsion control
- Vessel steering system
- Vessel auxiliary system
- Terminal dock closure
- Other vessel mechanical problem
- Accumulated delay due to earlier mechanical issue(s)

#### Procedural Problems

- Vessel congestion at dock
- Vessel substitution delay
- Receiving lube oil delivery
- Receiving fueling delivery
- Receiving stores from warehouse
- Vessel cannot keep to schedule (speed, etc.)
- Drills
- Right-of-way yield, etc.
- Terminal requested delay (long load, etc.)
- Other, including unscheduled stops (for medical transport), extra run, deadhead trips, etc.
- Accumulated delay due to earlier procedural issue(s)

#### Traffic Issues

- Heavy traffic
- Schedule abandoned in favor of constant trips – “load and go”
- Sailing cancelled by WSF headquarters
- No traffic, sailing cancelled (if vessel late already, particularly in San Juan Islands)
- Other traffic issues (i.e. high center trucks, trains in Edmonds, snow accumulation = slower loading)

Unknown Delay

- Reason for delay unknown

Weather

- Tides
- Winds
- Visibility (fog, etc.)
- Accumulated delay due to earlier weather issue(s)

Figure 3 shows the distribution of reason codes for the last six months of calendar year 2010. Delays associated with traffic issues make up about half, followed by procedural problems and weather.

In the second half of 2010, on 1,942 occasions out of 81,000 sailings, reason codes were documented for WSF vessels that were off scheduled departure by greater than 10 minutes, which is depicted in figure 3. WSF has instituted a tracking system and appendices A through D depict the detailed data for the example months of October and November 2010, although not the exact numbers or ratios of figure 3 for vessel departure delays by route, by reason code, by month and by vessel.

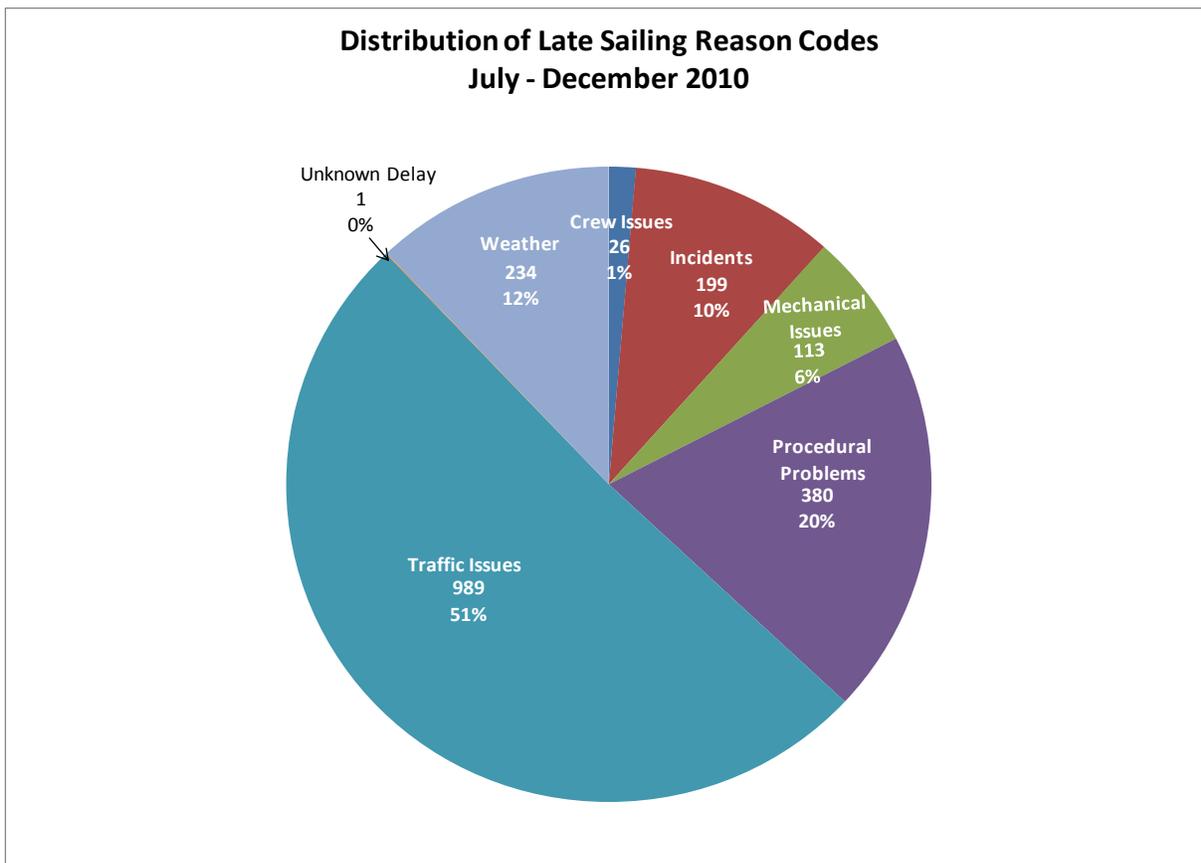


Figure 3

#### **IV. CONCLUSION**

Good on-time performance is critical to the customers of Washington State Ferries and to the cost effective operations of the system. It is especially critical for transit connections and therefore the desire to accommodate more of WSF's future ridership growth as foot passengers.

There are operational and scheduling process changes that can be applied to improve on-time performance, however these can result in tradeoffs such as increased operational costs (such as additional landside staff to manage traffic or increased fuel consumption by operating vessels faster), capital costs (physical improvement of terminals to speed loading and offloading) or reduction in service frequency and capacity (such as fewer sailings or fewer multiple stop links on routes with more than one destination).

As of 2010 WSF operates all routes with on-time departures (within 10 minutes of schedule) over 90 percent of the time with the exception of the Port Townsend/Coupeville (served until November 2010 with a leased replacement vessel) and Anacortes routes. The significant improvements to on-time performance on the Edmonds/Kingston route between 2009 and 2010 came with a trade-off of the public perception of longer wait times for drivers, due to there being fewer sailings through the course of the day. WSF will continue to work with the affected riders to see if there are improvements that can be made while keeping within the overall goal of good on-time performance.

Tracking and reporting late departures and arrivals by reason code will assist WSF management in identifying problem areas. The ability to sort by reason code, route, month and vessel will give additional tools to isolating and addressing on-time performance problems.

#### **V. APPENDICES**

- On-time Performance by Reason Code
- On-time Performance by Route
- On-time Performance by Month
- On-time Performance by Vessel

## Appendix A – Sample Reason Codes by Route for October and November 2010

### Anacortes / San Juan Islands

#### Chelan

| Arrival or Departure | From Terminal Name | To Terminal Name | Late Reason Full Desc   | Minutes Late | Late Count |
|----------------------|--------------------|------------------|---|--------------|------------|
| Departure            | Lopez Island       | Friday Harbor    | TZ Traffic Issues: Accumulated delay due to earlier traffic issues(s)         | 11.0         | 1          |
| Departure            | Lopez Island       | Friday Harbor    | PZ Procedural Problems: Accumulated delay due to earlier procedural issues(s) | 14.0         | 1          |
| Departure            | Lopez Island       | Friday Harbor    | PA Procedural Problems: Vessel congestion at dock                             | 43.0         | 1          |
| Departure            | Lopez Island       | Friday Harbor    | IZ Incidents: Accumulated delay due to earlier incidents(s)                   | 20.0         | 1          |
| Departure            | Lopez Island       | Friday Harbor    | WY Weather: Visibility (fog, etc.)  | 17.0         | 1          |
| Departure            | Lopez Island       | Anacortes        | TZ Traffic Issues: Accumulated delay due to earlier traffic issues(s)         | 23.0         | 2          |
| Departure            | Lopez Island       | Anacortes        | PZ Procedural Problems: Accumulated delay due to earlier procedural issues(s) | 16.3         | 4          |
| Departure            | Lopez Island       | Anacortes        | TA Traffic Issues: Heavy traffic  | 15.0         | 1          |
| Departure            | Lopez Island       | Anacortes        | IC Incidents: Vehicle Stalled   | 28.0         | 1          |
| Departure            | Lopez Island       | Anacortes        | IZ Incidents: Accumulated delay due to earlier incidents(s)                   | 37.0         | 1          |
| Departure            | Lopez Island       | Anacortes        | WY Weather: Visibility (fog, etc.)  | 33.0         | 1          |
| Departure            | Lopez Island       | Anacortes        | WZ Weather: Accumulated delay due to earlier weather issue(s)                 | 17.0         | 2          |
| Departure            | Friday Harbor      | Anacortes        | PZ Procedural Problems: Accumulated delay due to earlier procedural issues(s) | 22.3         | 3          |
| Departure            | Friday Harbor      | Anacortes        | TA Traffic Issues: Heavy traffic  | 25.0         | 1          |
| Departure            | Friday Harbor      | Anacortes        | IC Incidents: Vehicle Stalled   | 33.0         | 1          |
| Departure            | Friday Harbor      | Anacortes        | IZ Incidents: Accumulated delay due to earlier incidents(s)                   | 40.0         | 1          |
| Departure            | Friday Harbor      | Anacortes        | CZ Crew Issues: Accumulated delay due to earlier crew issues(s)               | 15.0         | 1          |
| Departure            | Friday Harbor      | Anacortes        | WZ Weather: Accumulated delay due to earlier weather issue(s)                 | 25.5         | 2          |
| Departure            | Anacortes          | Lopez Island     | TZ Traffic Issues: Accumulated delay due to earlier traffic issues(s)         | 25.5         | 2          |
| Departure            | Anacortes          | Lopez Island     | PZ Procedural Problems: Accumulated delay due to earlier procedural issues(s) | 14.0         | 1          |
| Departure            | Anacortes          | Lopez Island     | IE Incidents: Dangerous goods incident  | 22.0         | 1          |
| Departure            | Anacortes          | Lopez Island     | IC Incidents: Vehicle Stalled   | 13.0         | 1          |
| Departure            | Anacortes          | Lopez Island     | IZ Incidents: Accumulated delay due to earlier incidents(s)                   | 26.0         | 1          |
| Departure            | Anacortes          | Lopez Island     | TX Traffic Issues: Other traffic issue  | 43.0         | 1          |
| Departure            | Anacortes          | Lopez Island     | WZ Weather: Accumulated delay due to earlier weather issue(s)                 | 16.0         | 1          |
| Departure            | Anacortes          | Friday Harbor    | TZ Traffic Issues: Accumulated delay due to earlier traffic issues(s)         | 21.0         | 1          |
| Departure            | Anacortes          | Friday Harbor    | PZ Procedural Problems: Accumulated delay due to earlier procedural issues(s) | 15.0         | 2          |
| Departure            | Anacortes          | Friday Harbor    | IZ Incidents: Accumulated delay due to earlier incidents(s)                   | 34.0         | 1          |

|           |           |               |   |             |           |
|-----------|-----------|---------------|---|-------------|-----------|
| Departure | Anacortes | Friday Harbor | CB Crew Issues: Error in Dispatch                             | 15.0        | 1         |
| Departure | Anacortes | Friday Harbor | WY Weather: Visibility (fog, etc.)                            | 29.0        | 2         |
| Departure | Anacortes | Friday Harbor | WZ Weather: Accumulated delay due to earlier weather issue(s) | 25.0        | 1         |
|           |           |               | <b>Average Minutes Late / Total Trips</b>                     | <b>22.9</b> | <b>42</b> |

### Elwha

| Arrival or Departure | From Terminal Name | To Terminal Name | Late Reason Full Desc   | Minutes Late | Late Count |
|----------------------|--------------------|------------------|---|--------------|------------|
| Departure            | Anacortes          | Friday Harbor    | WB Weather: Winds   | 16.0         | 1          |
| Departure            | Anacortes          | Shaw Island      | TZ Traffic Issues: Accumulated delay due to earlier traffic issues(s) | 16.0         | 1          |
| Departure            | Anacortes          | Shaw Island      | TA Traffic Issues: Heavy traffic                                      | 19.8         | 4          |
| Departure            | Anacortes          | Shaw Island      | WB Weather: Winds   | 38.0         | 3          |
| Departure            | Orcas Island       | Anacortes        | TZ Traffic Issues: Accumulated delay due to earlier traffic issues(s) | 18.5         | 4          |
| Departure            | Orcas Island       | Anacortes        | WB Weather: Winds   | 46.0         | 3          |
| Departure            | Shaw Island        | Anacortes        | TZ Traffic Issues: Accumulated delay due to earlier traffic issues(s) | 20.0         | 2          |
| Departure            | Shaw Island        | Anacortes        | TA Traffic Issues: Heavy traffic                                      | 21.0         | 1          |
| Departure            | Shaw Island        | Anacortes        | WB Weather: Winds   | 49.0         | 2          |
| Departure            | Shaw Island        | Orcas Island     | TZ Traffic Issues: Accumulated delay due to earlier traffic issues(s) | 20.3         | 3          |
| Departure            | Shaw Island        | Orcas Island     | TA Traffic Issues: Heavy traffic                                      | 21.0         | 1          |
| Departure            | Shaw Island        | Orcas Island     | WB Weather: Winds   | 51.3         | 3          |
|                      |                    |                  | <b>Average Minutes Late / Total Trips</b>                             | <b>29.7</b>  | <b>28</b>  |

### Hyak

| Arrival or Departure | From Terminal Name | To Terminal Name | Late Reason Full Desc   | Minutes Late | Late Count |
|----------------------|--------------------|------------------|---|--------------|------------|
| Departure            | Lopez Island       | Friday Harbor    | PA Procedural Problems: Vessel congestion at dock                             | 23.5         | 2          |
| Departure            | Lopez Island       | Friday Harbor    | WZ Weather: Accumulated delay due to earlier weather issue(s)                 | 32.0         | 1          |
| Departure            | Lopez Island       | Friday Harbor    | WB Weather: Winds   | 18.0         | 1          |
| Departure            | Lopez Island       | Anacortes        | TZ Traffic Issues: Accumulated delay due to earlier traffic issues(s)         | 16.0         | 1          |
| Departure            | Lopez Island       | Anacortes        | PZ Procedural Problems: Accumulated delay due to earlier procedural issues(s) | 20.0         | 1          |
| Departure            | Lopez Island       | Anacortes        | PA Procedural Problems: Vessel congestion at dock                             | 34.0         | 1          |
| Departure            | Lopez Island       | Anacortes        | TX Traffic Issues: Other traffic issue  | 15.0         | 1          |
| Departure            | Lopez Island       | Anacortes        | WZ Weather: Accumulated delay due to earlier weather issue(s)                 | 18.7         | 3          |
| Departure            | Lopez Island       | Anacortes        | WB Weather: Winds   | 27.0         | 1          |
| Departure            | Friday Harbor      | Lopez Island     | TZ Traffic Issues: Accumulated delay due to earlier traffic issues(s)         | 12.0         | 1          |
| Departure            | Friday Harbor      | Lopez Island     | TA Traffic Issues: Heavy traffic  | 32.0         | 1          |
| Departure            | Friday Harbor      | Lopez Island     | WZ Weather: Accumulated delay due to earlier weather issue(s)                 | 21.0         | 1          |
| Departure            | Friday Harbor      | Lopez Island     | WB Weather: Winds   | 27.5         | 2          |
| Departure            | Friday Harbor      | Anacortes        | PZ Procedural Problems: Accumulated delay due to earlier procedural issues(s) | 24.0         | 1          |

|           |               |               |   |             |           |
|-----------|---------------|---------------|---|-------------|-----------|
| Departure | Friday Harbor | Anacortes     | TA Traffic Issues: Heavy traffic                              | 20.0        | 1         |
| Departure | Friday Harbor | Anacortes     | WB Weather: Winds   | 12.0        | 1         |
| Departure | Anacortes     | Lopez Island  | TA Traffic Issues: Heavy traffic                              | 19.5        | 2         |
| Departure | Anacortes     | Lopez Island  | PA Procedural Problems: Vessel congestion at dock             | 36.0        | 1         |
| Departure | Anacortes     | Lopez Island  | WZ Weather: Accumulated delay due to earlier weather issue(s) | 21.0        | 2         |
| Departure | Anacortes     | Friday Harbor | TA Traffic Issues: Heavy traffic                              | 13.0        | 1         |
| Departure | Anacortes     | Friday Harbor | IZ Incidents: Accumulated delay due to earlier incidents(s)   | 12.0        | 1         |
| Departure | Anacortes     | Friday Harbor | TX Traffic Issues: Other traffic issue                        | 13.0        | 1         |
| Departure | Anacortes     | Friday Harbor | WA Weather: Tides   | 12.0        | 1         |
| Departure | Anacortes     | Friday Harbor | WB Weather: Winds   | 22.0        | 2         |
| Departure | Anacortes     | Friday Harbor | PH Procedural Problems: Right-of-way yield, etc.              | 30.0        | 1         |
|           |               |               | <b>Average Minutes Late / Total Trips</b>                     | <b>21.3</b> | <b>32</b> |

### Sealth

| Arrival or Departure | From Terminal Name | To Terminal Name | Late Reason Full Desc   | Minutes Late | Late Count |
|----------------------|--------------------|------------------|---|--------------|------------|
| Departure            | Lopez Island       | Anacortes        | TZ Traffic Issues: Accumulated delay due to earlier traffic issues(s)         | 13.0         | 1          |
| Departure            | Lopez Island       | Anacortes        | TX Traffic Issues: Other traffic issue  | 21.0         | 1          |
| Departure            | Friday Harbor      | Lopez Island     | TZ Traffic Issues: Accumulated delay due to earlier traffic issues(s)         | 18.0         | 1          |
| Departure            | Anacortes          | Lopez Island     | TZ Traffic Issues: Accumulated delay due to earlier traffic issues(s)         | 11.0         | 1          |
| Departure            | Anacortes          | Lopez Island     | PZ Procedural Problems: Accumulated delay due to earlier procedural issues(s) | 20.0         | 1          |
| Departure            | Anacortes          | Lopez Island     | TX Traffic Issues: Other traffic issue  | 11.0         | 1          |
| Departure            | Anacortes          | Friday Harbor    | TZ Traffic Issues: Accumulated delay due to earlier traffic issues(s)         | 17.0         | 1          |
| Departure            | Anacortes          | Friday Harbor    | TA Traffic Issues: Heavy traffic  | 13.0         | 1          |
|                      |                    |                  | <b>Average Minutes Late / Total Trips</b>                                     | <b>15.5</b>  | <b>8</b>   |

### Yakima

| Arrival or Departure | From Terminal Name | To Terminal Name | Late Reason Full Desc   | Minutes Late | Late Count |
|----------------------|--------------------|------------------|---|--------------|------------|
| Departure            | Lopez Island       | Shaw Island      | PZ Procedural Problems: Accumulated delay due to earlier procedural issues(s) | 24.0         | 1          |
| Departure            | Anacortes          | Lopez Island     | PG Procedural Problems: Drills  | 28.0         | 1          |
| Departure            | Orcas Island       | Anacortes        | PZ Procedural Problems: Accumulated delay due to earlier procedural issues(s) | 20.0         | 1          |
| Departure            | Shaw Island        | Anacortes        | PZ Procedural Problems: Accumulated delay due to earlier procedural issues(s) | 20.0         | 1          |
|                      |                    |                  | <b>Average Minutes Late / Total Trips</b>                                     | <b>23.0</b>  | <b>4</b>   |

## Anacortes / Sidney B.C.

### Elwha

| Arrival or Departure | From Terminal Name | To Terminal Name | Late Reason Full Desc   | Minutes Late | Late Count |
|----------------------|--------------------|------------------|---|--------------|------------|
| Departure            | Sidney             | Friday Harbor    | PX Procedural Problems: Other, including unscheduled stops, extra run, deadhead trips, etc. | 19.0         | 1          |
|                      |                    |                  | <b>Average Minutes Late / Total Trips</b>   | <b>19.0</b>  | <b>1</b>   |

## Edmonds / Kingston

### Puyallup

| Arrival or Departure | From Terminal Name | To Terminal Name | Late Reason Full Desc  | Minutes Late | Late Count |
|----------------------|--------------------|------------------|--|--------------|------------|
| Departure            | Edmonds            | Kingston         | MM Mechanical Issues: Terminal dock closure                                | 16.0         | 1          |
| Departure            | Edmonds            | Kingston         | IA Incidents: Medical Incident   | 15.0         | 1          |
| Departure            | Edmonds            | Kingston         | MZ Mechanical Issues: Accumulated delay due to earlier mechanical issue(s) | 13.0         | 1          |
| Departure            | Kingston           | Edmonds          | MZ Mechanical Issues: Accumulated delay due to earlier mechanical issue(s) | 11.5         | 2          |
|                      |                    |                  | <b>Average Minutes Late / Total Trips</b>                                  | <b>13.4</b>  | <b>5</b>   |

## Spokane

| Arrival or Departure | From Terminal Name | To Terminal Name | Late Reason Full Desc                     | Minutes Late | Late Count |
|----------------------|--------------------|------------------|---|--------------|------------|
| Departure            | Kingston           | Edmonds          | ID Incidents: Vehicle stuck on ramp       | 14.0         | 1          |
|                      |                    |                  | <b>Average Minutes Late / Total Trips</b> | <b>14.0</b>  | <b>1</b>   |

## Faultleroy / Southworth

### Issaquah

| Arrival or Departure | From Terminal Name | To Terminal Name | Late Reason Full Desc   | Minutes Late | Late Count |
|----------------------|--------------------|------------------|---|--------------|------------|
| Departure            | Southworth         | Faultleroy       | TZ Traffic Issues: Accumulated delay due to earlier traffic issues(s) | 33.0         | 1          |
| Departure            | Southworth         | Faultleroy       | TA Traffic Issues: Heavy traffic                                      | 33.0         | 1          |
| Departure            | Faultleroy         | Southworth       | TZ Traffic Issues: Accumulated delay due to earlier traffic issues(s) | 17.0         | 1          |
|                      |                    |                  | <b>Average Minutes Late / Total Trips</b>                             | <b>27.7</b>  | <b>3</b>   |

## Klahowya

| Arrival or Departure | From Terminal Name | To Terminal Name | Late Reason Full Desc                       | Minutes Late | Late Count |
|----------------------|--------------------|------------------|---|--------------|------------|
| Departure            | Southworth         | Faultleroy       | TA Traffic Issues: Heavy traffic            | 11.0         | 1          |
| Departure            | Southworth         | Faultleroy       | MM Mechanical Issues: Terminal dock closure | 13.0         | 1          |
| Departure            | Faultleroy         | Southworth       | TA Traffic Issues: Heavy traffic            | 14.0         | 1          |
|                      |                    |                  | <b>Average Minutes Late / Total Trips</b>   | <b>12.7</b>  | <b>3</b>   |

## Sealth

| Arrival or Departure | From Terminal Name | To Terminal Name | Late Reason Full Desc                     | Minutes Late | Late Count |
|----------------------|--------------------|------------------|---|--------------|------------|
| Departure            | Southworth         | Faultleroy       | TA Traffic Issues: Heavy traffic          | 12.0         | 1          |
| Departure            | Faultleroy         | Southworth       | WY Weather: Visibility (fog, etc.)        | 17.0         | 1          |
|                      |                    |                  | <b>Average Minutes Late / Total Trips</b> | <b>14.5</b>  | <b>2</b>   |

## Tillikum

| Arrival or Departure | From Terminal Name | To Terminal Name | Late Reason Full Desc                                       | Minutes Late | Late Count |
|----------------------|--------------------|------------------|---|--------------|------------|
| Departure            | Southworth         | Fauntleroy       | MM Mechanical Issues: Terminal dock closure                 | 14.5         | 2          |
| Departure            | Southworth         | Fauntleroy       | IZ Incidents: Accumulated delay due to earlier incidents(s) | 20.0         | 1          |
| Departure            | Fauntleroy         | Southworth       | MM Mechanical Issues: Terminal dock closure                 | 12.0         | 2          |
| Departure            | Fauntleroy         | Southworth       | IZ Incidents: Accumulated delay due to earlier incidents(s) | 24.0         | 1          |
|                      |                    |                  | <b>Average Minutes Late / Total Trips</b>                   | <b>16.2</b>  | <b>6</b>   |

## Fauntleroy / Vashon Issaquah

| Arrival or Departure | From Terminal Name | To Terminal Name | Late Reason Full Desc   | Minutes Late | Late Count |
|----------------------|--------------------|------------------|---|--------------|------------|
| Departure            | Fauntleroy         | Vashon Island    | TZ Traffic Issues: Accumulated delay due to earlier traffic issues(s)         | 28.8         | 4          |
| Departure            | Fauntleroy         | Vashon Island    | PZ Procedural Problems: Accumulated delay due to earlier procedural issues(s) | 13.0         | 1          |
| Departure            | Fauntleroy         | Vashon Island    | IX Incidents: Other Incident (lost keys, police activity, etc.)               | 17.0         | 1          |
| Departure            | Fauntleroy         | Vashon Island    | PA Procedural Problems: Vessel congestion at dock                             | 12.0         | 2          |
| Departure            | Fauntleroy         | Vashon Island    | IZ Incidents: Accumulated delay due to earlier incidents(s)                   | 24.0         | 1          |
| Departure            | Fauntleroy         | Vashon Island    | TX Traffic Issues: Other traffic issue  | 14.0         | 1          |
| Departure            | Fauntleroy         | Vashon Island    | MZ Mechanical Issues: Accumulated delay due to earlier mechanical issue(s)    | 15.0         | 1          |
| Departure            | Vashon Island      | Fauntleroy       | TZ Traffic Issues: Accumulated delay due to earlier traffic issues(s)         | 30.0         | 2          |
| Departure            | Vashon Island      | Fauntleroy       | IX Incidents: Other Incident (lost keys, police activity, etc.)               | 17.0         | 1          |
| Departure            | Vashon Island      | Fauntleroy       | TA Traffic Issues: Heavy traffic  | 11.0         | 1          |
| Departure            | Vashon Island      | Fauntleroy       | MM Mechanical Issues: Terminal dock closure                                   | 13.5         | 2          |
| Departure            | Vashon Island      | Fauntleroy       | IC Incidents: Vehicle Stalled   | 11.0         | 1          |
| Departure            | Vashon Island      | Fauntleroy       | IZ Incidents: Accumulated delay due to earlier incidents(s)                   | 26.5         | 2          |
| Departure            | Vashon Island      | Fauntleroy       | TX Traffic Issues: Other traffic issue  | 30.0         | 1          |
|                      |                    |                  | <b>Average Minutes Late / Total Trips</b>                                     | <b>20.5</b>  | <b>21</b>  |

## Klahowya

| Arrival or Departure | From Terminal Name | To Terminal Name | Late Reason Full Desc   | Minutes Late | Late Count |
|----------------------|--------------------|------------------|---|--------------|------------|
| Departure            | Fauntleroy         | Vashon Island    | TZ Traffic Issues: Accumulated delay due to earlier traffic issues(s)         | 11.0         | 1          |
| Departure            | Fauntleroy         | Vashon Island    | TA Traffic Issues: Heavy traffic  | 15.0         | 2          |
| Departure            | Fauntleroy         | Vashon Island    | IA Incidents: Medical Incident  | 13.5         | 2          |
| Departure            | Fauntleroy         | Vashon Island    | TC Traffic Issues: Schedule abandoned in favor of constant trips              | 22.0         | 1          |
| Departure            | Fauntleroy         | Vashon Island    | TX Traffic Issues: Other traffic issue  | 16.0         | 1          |
| Departure            | Vashon Island      | Fauntleroy       | TZ Traffic Issues: Accumulated delay due to earlier traffic issues(s)         | 14.5         | 2          |
| Departure            | Vashon Island      | Fauntleroy       | PZ Procedural Problems: Accumulated delay due to earlier procedural issues(s) | 12.0         | 1          |

|           |               |            |  |             |           |
|-----------|---------------|------------|--|-------------|-----------|
| Departure | Vashon Island | Fauntleroy | PA Procedural Problems: Vessel congestion at dock                | 14.0        | 2         |
| Departure | Vashon Island | Fauntleroy | IA Incidents: Medical Incident                                   | 11.0        | 1         |
| Departure | Vashon Island | Fauntleroy | TC Traffic Issues: Schedule abandoned in favor of constant trips | 12.0        | 1         |
|           |               |            | <b>Average Minutes Late / Total Trips</b>                        | <b>14.1</b> | <b>14</b> |

### Sealth

| Arrival or Departure | From Terminal Name | To Terminal Name | Late Reason Full Desc   | Minutes Late | Late Count |
|----------------------|--------------------|------------------|---|--------------|------------|
| Departure            | Fauntleroy         | Vashon Island    | TZ Traffic Issues: Accumulated delay due to earlier traffic issues(s)         | 13.0         | 1          |
| Departure            | Fauntleroy         | Vashon Island    | PZ Procedural Problems: Accumulated delay due to earlier procedural issues(s) | 14.0         | 1          |
| Departure            | Fauntleroy         | Vashon Island    | IC Incidents: Vehicle Stalled   | 13.0         | 1          |
| Departure            | Vashon Island      | Fauntleroy       | PG Procedural Problems: Drills  | 15.0         | 1          |
| Departure            | Vashon Island      | Fauntleroy       | WY Weather: Visibility (fog, etc.)  | 14.0         | 1          |
|                      |                    |                  | <b>Average Minutes Late / Total Trips</b>                                     | <b>13.8</b>  | <b>5</b>   |

### Tillikum

| Arrival or Departure | From Terminal Name | To Terminal Name | Late Reason Full Desc                                       | Minutes Late | Late Count |
|----------------------|--------------------|------------------|---|--------------|------------|
| Departure            | Fauntleroy         | Vashon Island    | TA Traffic Issues: Heavy traffic                            | 15.0         | 4          |
| Departure            | Fauntleroy         | Vashon Island    | IA Incidents: Medical Incident                              | 16.0         | 2          |
| Departure            | Fauntleroy         | Vashon Island    | IZ Incidents: Accumulated delay due to earlier incidents(s) | 17.0         | 2          |
| Departure            | Vashon Island      | Fauntleroy       | TA Traffic Issues: Heavy traffic                            | 16.0         | 1          |
| Departure            | Vashon Island      | Fauntleroy       | IA Incidents: Medical Incident                              | 13.0         | 1          |
|                      |                    |                  | <b>Average Minutes Late / Total Trips</b>                   | <b>15.5</b>  | <b>10</b>  |

### Mukilteo / Clinton Cathlamet

| Arrival or Departure | From Terminal Name | To Terminal Name | Late Reason Full Desc  | Minutes Late | Late Count |
|----------------------|--------------------|------------------|--|--------------|------------|
| Departure            | Clinton            | Mukilteo         | IZ Incidents: Accumulated delay due to earlier incidents(s)                | 15.0         | 1          |
| Departure            | Clinton            | Mukilteo         | MZ Mechanical Issues: Accumulated delay due to earlier mechanical issue(s) | 57.8         | 11         |
| Departure            | Clinton            | Mukilteo         | MX Mechanical Issues: Other vessel mechanical problem                      | 30.0         | 3          |
| Departure            | Clinton            | Mukilteo         | ID Incidents: Vehicle stuck on ramp  | 32.0         | 1          |
| Departure            | Clinton            | Mukilteo         | MA Mechanical Issues: Vessel propulsion system                             | 11.0         | 1          |
| Departure            | Mukilteo           | Clinton          | MZ Mechanical Issues: Accumulated delay due to earlier mechanical issue(s) | 63.3         | 8          |
| Departure            | Mukilteo           | Clinton          | MX Mechanical Issues: Other vessel mechanical problem                      | 43.6         | 8          |
| Departure            | Mukilteo           | Clinton          | PB Procedural Problems: Vessel substitution Delay                          | 12.0         | 1          |
| Departure            | Mukilteo           | Clinton          | MA Mechanical Issues: Vessel propulsion system                             | 17.0         | 1          |
|                      |                    |                  | <b>Average Minutes Late / Total Trips</b>                                  | <b>47.7</b>  | <b>35</b>  |

## Chelan

| Arrival or Departure | From Terminal Name | To Terminal Name | Late Reason Full Desc                     | Minutes Late | Late Count |
|----------------------|--------------------|------------------|---|--------------|------------|
| Departure            | Mukilteo           | Clinton          | TA Traffic Issues: Heavy traffic          | 11.0         | 1          |
| Departure            | Mukilteo           | Clinton          | IC Incidents: Vehicle Stalled             | 13.0         | 1          |
|                      |                    |                  | <b>Average Minutes Late / Total Trips</b> | <b>12.0</b>  | <b>2</b>   |

## Kitsap

| Arrival or Departure | From Terminal Name | To Terminal Name | Late Reason Full Desc                     | Minutes Late | Late Count |
|----------------------|--------------------|------------------|---|--------------|------------|
| Departure            | Mukilteo           | Clinton          | IC Incidents: Vehicle Stalled             | 12.0         | 2          |
|                      |                    |                  | <b>Average Minutes Late / Total Trips</b> | <b>12.0</b>  | <b>2</b>   |

## Port Townsend / Keystone Chetzemoka

| Arrival or Departure | From Terminal Name | To Terminal Name | Late Reason Full Desc   | Minutes Late | Late Count |
|----------------------|--------------------|------------------|---|--------------|------------|
| Departure            | Keystone           | Port Townsend    | TZ Traffic Issues: Accumulated delay due to earlier traffic issues(s) | 24.7         | 3          |
| Departure            | Keystone           | Port Townsend    | WZ Weather: Accumulated delay due to earlier weather issue(s)         | 18.0         | 1          |
| Departure            | Keystone           | Port Townsend    | WB Weather: Winds   | 37.0         | 2          |
| Departure            | Port Townsend      | Keystone         | TZ Traffic Issues: Accumulated delay due to earlier traffic issues(s) | 25.0         | 3          |
| Departure            | Port Townsend      | Keystone         | WB Weather: Winds   | 31.0         | 2          |
|                      |                    |                  | <b>Average Minutes Late / Total Trips</b>                             | <b>27.5</b>  | <b>11</b>  |

## Pt. Defiance / Tahlequah Rhododendron

| Arrival or Departure | From Terminal Name | To Terminal Name | Late Reason Full Desc   | Minutes Late | Late Count |
|----------------------|--------------------|------------------|---|--------------|------------|
| Departure            | Point Defiance     | Tahlequah        | IZ Incidents: Accumulated delay due to earlier incidents(s)     | 20.0         | 2          |
| Departure            | Tahlequah          | Point Defiance   | IX Incidents: Other Incident (lost keys, police activity, etc.) | 13.0         | 1          |
| Departure            | Tahlequah          | Point Defiance   | IZ Incidents: Accumulated delay due to earlier incidents(s)     | 21.0         | 1          |
| Departure            | Tahlequah          | Point Defiance   | TI Traffic Issues: Sailing cancelled by HQ                      | 22.0         | 1          |
| Departure            | Tahlequah          | Point Defiance   | ID Incidents: Vehicle stuck on ramp                             | 20.0         | 1          |
|                      |                    |                  | <b>Average Minutes Late / Total Trips</b>                       | <b>19.3</b>  | <b>6</b>   |

## Seattle / Bainbridge Island Sealth

| Arrival or Departure | From Terminal Name | To Terminal Name   | Late Reason Full Desc                     | Minutes Late | Late Count |
|----------------------|--------------------|--------------------|---|--------------|------------|
| Departure            | Colman Dock - P 52 | Bainbridge Island  | TA Traffic Issues: Heavy traffic          | 16.0         | 1          |
| Departure            | Bainbridge Island  | Colman Dock - P 52 | TA Traffic Issues: Heavy traffic          | 12.0         | 1          |
|                      |                    |                    | <b>Average Minutes Late / Total Trips</b> | <b>14.0</b>  | <b>2</b>   |

## Tacoma

| Arrival or Departure                      | From Terminal Name | To Terminal Name   | Late Reason Full Desc   | Minutes Late | Late Count |
|---|--------------------|--------------------|---|--------------|------------|
| Departure                                 | Colman Dock - P 52 | Bainbridge Island  | TZ Traffic Issues: Accumulated delay due to earlier traffic issues(s) | 21.0         | 1          |
| Departure                                 | Colman Dock - P 52 | Bainbridge Island  | TA Traffic Issues: Heavy traffic                                      | 15.3         | 4          |
| Departure                                 | Bainbridge Island  | Colman Dock - P 52 | TZ Traffic Issues: Accumulated delay due to earlier traffic issues(s) | 16.3         | 3          |
| Departure                                 | Bainbridge Island  | Colman Dock - P 52 | TA Traffic Issues: Heavy traffic                                      | 16.5         | 2          |
| Departure                                 | Bainbridge Island  | Colman Dock - P 52 | IA Incidents: Medical Incident  | 15.0         | 1          |
| Departure                                 | Bainbridge Island  | Colman Dock - P 52 | TX Traffic Issues: Other traffic issue                                | 16.0         | 1          |
| <b>Average Minutes Late / Total Trips</b> |                    |                    |   | <b>16.3</b>  | <b>12</b>  |

## Wenatchee

| Arrival or Departure                      | From Terminal Name | To Terminal Name   | Late Reason Full Desc  | Minutes Late | Late Count |
|---|--------------------|--------------------|--|--------------|------------|
| Departure                                 | Colman Dock - P 52 | Bainbridge Island  | TA Traffic Issues: Heavy traffic   | 12.0         | 1          |
| Departure                                 | Colman Dock - P 52 | Bainbridge Island  | MA Mechanical Issues: Vessel propulsion system                             | 100.0        | 1          |
| Departure                                 | Bainbridge Island  | Colman Dock - P 52 | MZ Mechanical Issues: Accumulated delay due to earlier mechanical issue(s) | 55.0         | 1          |
| <b>Average Minutes Late / Total Trips</b> |                    |                    |  | <b>55.7</b>  | <b>3</b>   |

## Seattle / Bremerton

### Kaleetan

| Arrival or Departure                      | From Terminal Name | To Terminal Name   | Late Reason Full Desc   | Minutes Late | Late Count |
|---|--------------------|--------------------|---|--------------|------------|
| Departure                                 | Colman Dock - P 52 | Bremerton          | WY Weather: Visibility (fog, etc.)                            | 13.0         | 1          |
| Departure                                 | Colman Dock - P 52 | Bremerton          | WZ Weather: Accumulated delay due to earlier weather issue(s) | 16.0         | 1          |
| Departure                                 | Colman Dock - P 52 | Bremerton          | WB Weather: Winds   | 17.0         | 1          |
| Departure                                 | Bremerton          | Colman Dock - P 52 | IZ Incidents: Accumulated delay due to earlier incidents(s)   | 12.0         | 1          |
| Departure                                 | Bremerton          | Colman Dock - P 52 | WY Weather: Visibility (fog, etc.)                            | 17.0         | 1          |
| Departure                                 | Bremerton          | Colman Dock - P 52 | WZ Weather: Accumulated delay due to earlier weather issue(s) | 23.0         | 1          |
| Departure                                 | Bremerton          | Colman Dock - P 52 | MX Mechanical Issues: Other vessel mechanical problem         | 13.0         | 2          |
| <b>Average Minutes Late / Total Trips</b> |                    |                    |   | <b>15.5</b>  | <b>8</b>   |

## Kitsap

| Arrival or Departure | From Terminal Name | To Terminal Name | Late Reason Full Desc   | Minutes Late | Late Count |
|----------------------|--------------------|------------------|---|--------------|------------|
| Departure            | Colman Dock - P 52 | Bremerton        | IX Incidents: Other Incident (lost keys, police activity, etc.) | 24.0         | 1          |
| Departure            | Colman Dock - P 52 | Bremerton        | IC Incidents: Vehicle Stalled                                   | 16.0         | 1          |
| Departure            | Colman Dock - P 52 | Bremerton        | IZ Incidents: Accumulated delay due to earlier incidents(s)     | 20.0         | 1          |

|           |           |                    |   |             |          |
|-----------|-----------|--------------------|---|-------------|----------|
| Departure | Bremerton | Colman Dock - P 52 | TA Traffic Issues: Heavy traffic                  | 12.0        | 1        |
| Departure | Bremerton | Colman Dock - P 52 | IC Incidents: Vehicle Stalled                     | 24.0        | 1        |
| Departure | Bremerton | Colman Dock - P 52 | PB Procedural Problems: Vessel substitution Delay | 12.0        | 1        |
|           |           |                    | <b>Average Minutes Late / Total Trips</b>         | <b>18.0</b> | <b>6</b> |

### Southworth / Vashon Issaquah

| Arrival or Departure | From Terminal Name | To Terminal Name | Late Reason Full Desc  | Minutes Late | Late Count |
|----------------------|--------------------|------------------|--|--------------|------------|
| Departure            | Southworth         | Vashon Island    | IX Incidents: Other Incident (lost keys, police activity, etc.)            | 11.0         | 1          |
| Departure            | Southworth         | Vashon Island    | TA Traffic Issues: Heavy traffic   | 25.0         | 1          |
| Departure            | Southworth         | Vashon Island    | IA Incidents: Medical Incident   | 20.0         | 2          |
| Departure            | Southworth         | Vashon Island    | TX Traffic Issues: Other traffic issue                                     | 11.0         | 1          |
| Departure            | Southworth         | Vashon Island    | MZ Mechanical Issues: Accumulated delay due to earlier mechanical issue(s) | 11.0         | 1          |
| Departure            | Vashon Island      | Southworth       | TA Traffic Issues: Heavy traffic   | 33.0         | 1          |
| Departure            | Vashon Island      | Southworth       | MM Mechanical Issues: Terminal dock closure                                | 16.0         | 2          |
|                      |                    |                  | <b>Average Minutes Late / Total Trips</b>                                  | <b>18.1</b>  | <b>9</b>   |

### Klahowya

| Arrival or Departure | From Terminal Name | To Terminal Name | Late Reason Full Desc   | Minutes Late | Late Count |
|----------------------|--------------------|------------------|---|--------------|------------|
| Departure            | Southworth         | Vashon Island    | TZ Traffic Issues: Accumulated delay due to earlier traffic issues(s)         | 14.0         | 1          |
| Departure            | Southworth         | Vashon Island    | PZ Procedural Problems: Accumulated delay due to earlier procedural issues(s) | 11.0         | 1          |
| Departure            | Southworth         | Vashon Island    | TA Traffic Issues: Heavy traffic  | 13.0         | 1          |
| Departure            | Vashon Island      | Southworth       | TZ Traffic Issues: Accumulated delay due to earlier traffic issues(s)         | 12.0         | 2          |
| Departure            | Vashon Island      | Southworth       | PA Procedural Problems: Vessel congestion at dock                             | 15.0         | 1          |
| Departure            | Vashon Island      | Southworth       | IZ Incidents: Accumulated delay due to earlier incidents(s)                   | 13.0         | 1          |
|                      |                    |                  | <b>Average Minutes Late / Total Trips</b>                                     | <b>12.9</b>  | <b>7</b>   |

### Sealth

| Arrival or Departure | From Terminal Name | To Terminal Name | Late Reason Full Desc   | Minutes Late | Late Count |
|----------------------|--------------------|------------------|---|--------------|------------|
| Departure            | Southworth         | Vashon Island    | PZ Procedural Problems: Accumulated delay due to earlier procedural issues(s) | 12.0         | 1          |
| Departure            | Vashon Island      | Southworth       | PZ Procedural Problems: Accumulated delay due to earlier procedural issues(s) | 12.0         | 1          |
|                      |                    |                  | <b>Average Minutes Late / Total Trips</b>                                     | <b>12.0</b>  | <b>2</b>   |

## Tillikum

| Arrival or Departure | From Terminal Name | To Terminal Name | Late Reason Full Desc   | Minutes Late | Late Count |
|----------------------|--------------------|------------------|---|--------------|------------|
| Departure            | Southworth         | Vashon Island    | IX Incidents: Other Incident (lost keys, police activity, etc.) | 14.0         | 1          |
| Departure            | Southworth         | Vashon Island    | TA Traffic Issues: Heavy traffic                                | 17.3         | 3          |
| Departure            | Southworth         | Vashon Island    | MM Mechanical Issues: Terminal dock closure                     | 12.0         | 1          |
| Departure            | Southworth         | Vashon Island    | IZ Incidents: Accumulated delay due to earlier incidents(s)     | 18.0         | 1          |
| Departure            | Vashon Island      | Southworth       | IX Incidents: Other Incident (lost keys, police activity, etc.) | 14.0         | 1          |
| Departure            | Vashon Island      | Southworth       | TA Traffic Issues: Heavy traffic                                | 20.0         | 2          |
| Departure            | Vashon Island      | Southworth       | MM Mechanical Issues: Terminal dock closure                     | 12.0         | 1          |
|                      |                    |                  | <b>Average Minutes Late / Total Trips</b>                       | <b>16.2</b>  | <b>10</b>  |

## Appendix B – Sample Late Departures by Reason Code October – November 2010

### CB Crew Issues: Error in Dispatch

#### Anacortes / San Juan Islands

| Arrival or Departure                      | From Terminal Name | ToTerminal Name | Late Reason Full Desc             | Minutes Late | Late Count |
|---|--------------------|-----------------|-----------------------------------|--------------|------------|
| Departure                                 | Anacortes          | Friday Harbor   | CB Crew Issues: Error in Dispatch | 15.0         | 1          |
| <b>Average Minutes Late / Total Trips</b> |                    |                 |                                   | <b>15.0</b>  | <b>1</b>   |

### CZ Crew Issues: Accumulated delay due to earlier crew issues(s)

#### Anacortes / San Juan Islands

| Arrival or Departure                      | From Terminal Name | ToTerminal Name | Late Reason Full Desc   | Minutes Late | Late Count |
|---|--------------------|-----------------|---|--------------|------------|
| Departure                                 | Friday Harbor      | Anacortes       | CZ Crew Issues: Accumulated delay due to earlier crew issues(s) | 15.0         | 1          |
| <b>Average Minutes Late / Total Trips</b> |                    |                 |   | <b>15.0</b>  | <b>1</b>   |

### IA Incidents: Medical Incident

#### Edmonds / Kingston

| Arrival or Departure                      | From Terminal Name | ToTerminal Name | Late Reason Full Desc          | Minutes Late | Late Count |
|---|--------------------|-----------------|--------------------------------|--------------|------------|
| Departure                                 | Edmonds            | Kingston        | IA Incidents: Medical Incident | 15.0         | 1          |
| <b>Average Minutes Late / Total Trips</b> |                    |                 |                                | <b>15.0</b>  | <b>1</b>   |

#### Fauntleroy / Vashon

| Arrival or Departure                      | From Terminal Name | ToTerminal Name | Late Reason Full Desc          | Minutes Late | Late Count |
|---|--------------------|-----------------|--------------------------------|--------------|------------|
| Departure                                 | Fauntleroy         | Vashon Island   | IA Incidents: Medical Incident | 14.8         | 4          |
| Departure                                 | Vashon Island      | Fauntleroy      | IA Incidents: Medical Incident | 12.0         | 2          |
| <b>Average Minutes Late / Total Trips</b> |                    |                 |                                | <b>13.8</b>  | <b>6</b>   |

#### Seattle / Bainbridge Island

| Arrival or Departure                      | From Terminal Name | ToTerminal Name    | Late Reason Full Desc          | Minutes Late | Late Count |
|---|--------------------|--------------------|--------------------------------|--------------|------------|
| Departure                                 | Bainbridge Island  | Colman Dock - P 52 | IA Incidents: Medical Incident | 15.0         | 1          |
| <b>Average Minutes Late / Total Trips</b> |                    |                    |                                | <b>15.0</b>  | <b>1</b>   |

#### Southworth / Vashon

| Arrival or Departure                      | From Terminal Name | ToTerminal Name | Late Reason Full Desc          | Minutes Late | Late Count |
|---|--------------------|-----------------|--------------------------------|--------------|------------|
| Departure                                 | Southworth         | Vashon Island   | IA Incidents: Medical Incident | 20.0         | 2          |
| <b>Average Minutes Late / Total Trips</b> |                    |                 |                                | <b>20.0</b>  | <b>2</b>   |

### IC Incidents: Vehicle Stalled

#### Anacortes / San Juan Islands

| Arrival or Departure                      | From Terminal Name | ToTerminal Name | Late Reason Full Desc         | Minutes Late | Late Count |
|---|--------------------|-----------------|-------------------------------|--------------|------------|
| Departure                                 | Lopez Island       | Anacortes       | IC Incidents: Vehicle Stalled | 28.0         | 1          |
| Departure                                 | Friday Harbor      | Anacortes       | IC Incidents: Vehicle Stalled | 33.0         | 1          |
| Departure                                 | Anacortes          | Lopez Island    | IC Incidents: Vehicle Stalled | 13.0         | 1          |
| <b>Average Minutes Late / Total Trips</b> |                    |                 |                               | <b>24.7</b>  | <b>3</b>   |

### Fauntleroy / Vashon

| Arrival or Departure | From Terminal Name | ToTerminal Name | Late Reason Full Desc                     | Minutes Late | Late Count |
|----------------------|--------------------|-----------------|---|--------------|------------|
| Departure            | Fauntleroy         | Vashon Island   | IC Incidents: Vehicle Stalled             | 13.0         | 1          |
| Departure            | Vashon Island      | Fauntleroy      | IC Incidents: Vehicle Stalled             | 11.0         | 1          |
|                      |                    |                 | <b>Average Minutes Late / Total Trips</b> | <b>12.0</b>  | <b>2</b>   |

### Mukilteo / Clinton

| Arrival or Departure | From Terminal Name | ToTerminal Name | Late Reason Full Desc                     | Minutes Late | Late Count |
|----------------------|--------------------|-----------------|---|--------------|------------|
| Departure            | Mukilteo           | Clinton         | IC Incidents: Vehicle Stalled             | 12.3         | 3          |
|                      |                    |                 | <b>Average Minutes Late / Total Trips</b> | <b>12.3</b>  | <b>3</b>   |

### Seattle / Bremerton

| Arrival or Departure | From Terminal Name | ToTerminal Name    | Late Reason Full Desc                     | Minutes Late | Late Count |
|----------------------|--------------------|--------------------|---|--------------|------------|
| Departure            | Colman Dock - P 52 | Bremerton          | IC Incidents: Vehicle Stalled             | 16.0         | 1          |
| Departure            | Bremerton          | Colman Dock - P 52 | IC Incidents: Vehicle Stalled             | 24.0         | 1          |
|                      |                    |                    | <b>Average Minutes Late / Total Trips</b> | <b>20.0</b>  | <b>2</b>   |

### ID Incidents: Vehicle stuck on ramp

#### Edmonds / Kingston

| Arrival or Departure | From Terminal Name | ToTerminal Name | Late Reason Full Desc                     | Minutes Late | Late Count |
|----------------------|--------------------|-----------------|---|--------------|------------|
| Departure            | Kingston           | Edmonds         | ID Incidents: Vehicle stuck on ramp       | 14.0         | 1          |
|                      |                    |                 | <b>Average Minutes Late / Total Trips</b> | <b>14.0</b>  | <b>1</b>   |

#### Mukilteo / Clinton

| Arrival or Departure | From Terminal Name | ToTerminal Name | Late Reason Full Desc                     | Minutes Late | Late Count |
|----------------------|--------------------|-----------------|---|--------------|------------|
| Departure            | Clinton            | Mukilteo        | ID Incidents: Vehicle stuck on ramp       | 32.0         | 1          |
|                      |                    |                 | <b>Average Minutes Late / Total Trips</b> | <b>32.0</b>  | <b>1</b>   |

#### Pt. Defiance / Tahlequah

| Arrival or Departure | From Terminal Name | ToTerminal Name | Late Reason Full Desc                     | Minutes Late | Late Count |
|----------------------|--------------------|-----------------|---|--------------|------------|
| Departure            | Tahlequah          | Point Defiance  | ID Incidents: Vehicle stuck on ramp       | 20.0         | 1          |
|                      |                    |                 | <b>Average Minutes Late / Total Trips</b> | <b>20.0</b>  | <b>1</b>   |

### IE Incidents: Dangerous goods incident

#### Anacortes / San Juan Islands

| Arrival or Departure | From Terminal Name | ToTerminal Name | Late Reason Full Desc                     | Minutes Late | Late Count |
|----------------------|--------------------|-----------------|---|--------------|------------|
| Departure            | Anacortes          | Lopez Island    | IE Incidents: Dangerous goods incident    | 22.0         | 1          |
|                      |                    |                 | <b>Average Minutes Late / Total Trips</b> | <b>22.0</b>  | <b>1</b>   |

## IX Incidents: Other Incident (lost keys, police activity, etc.)

### Fauntleroy / Vashon

| Arrival or Departure                      | From Terminal Name | To Terminal Name | Late Reason Full Desc   | Minutes Late | Late Count |
|---|--------------------|------------------|---|--------------|------------|
| Departure                                 | Fauntleroy         | Vashon Island    | IX Incidents: Other Incident (lost keys, police activity, etc.) | 17.0         | 1          |
| Departure                                 | Vashon Island      | Fauntleroy       | IX Incidents: Other Incident (lost keys, police activity, etc.) | 17.0         | 1          |
| <b>Average Minutes Late / Total Trips</b> |                    |                  |   | <b>17.0</b>  | <b>2</b>   |

### Pt. Defiance / Tahlequah

| Arrival or Departure                      | From Terminal Name | To Terminal Name | Late Reason Full Desc   | Minutes Late | Late Count |
|---|--------------------|------------------|---|--------------|------------|
| Departure                                 | Tahlequah          | Point Defiance   | IX Incidents: Other Incident (lost keys, police activity, etc.) | 13.0         | 1          |
| <b>Average Minutes Late / Total Trips</b> |                    |                  |   | <b>13.0</b>  | <b>1</b>   |

### Seattle / Bremerton

| Arrival or Departure                      | From Terminal Name | To Terminal Name | Late Reason Full Desc   | Minutes Late | Late Count |
|---|--------------------|------------------|---|--------------|------------|
| Departure                                 | Colman Dock - P 52 | Bremerton        | IX Incidents: Other Incident (lost keys, police activity, etc.) | 24.0         | 1          |
| <b>Average Minutes Late / Total Trips</b> |                    |                  |   | <b>24.0</b>  | <b>1</b>   |

### Southworth / Vashon

| Arrival or Departure                      | From Terminal Name | To Terminal Name | Late Reason Full Desc   | Minutes Late | Late Count |
|---|--------------------|------------------|---|--------------|------------|
| Departure                                 | Southworth         | Vashon Island    | IX Incidents: Other Incident (lost keys, police activity, etc.) | 12.5         | 2          |
| Departure                                 | Vashon Island      | Southworth       | IX Incidents: Other Incident (lost keys, police activity, etc.) | 14.0         | 1          |
| <b>Average Minutes Late / Total Trips</b> |                    |                  |   | <b>13.0</b>  | <b>3</b>   |

## IZ Incidents: Accumulated delay due to earlier incidents(s)

### Anacortes / San Juan Islands

| Arrival or Departure                      | From Terminal Name | To Terminal Name | Late Reason Full Desc                                       | Minutes Late | Late Count |
|---|--------------------|------------------|---|--------------|------------|
| Departure                                 | Lopez Island       | Friday Harbor    | IZ Incidents: Accumulated delay due to earlier incidents(s) | 20.0         | 1          |
| Departure                                 | Lopez Island       | Anacortes        | IZ Incidents: Accumulated delay due to earlier incidents(s) | 37.0         | 1          |
| Departure                                 | Friday Harbor      | Anacortes        | IZ Incidents: Accumulated delay due to earlier incidents(s) | 40.0         | 1          |
| Departure                                 | Anacortes          | Lopez Island     | IZ Incidents: Accumulated delay due to earlier incidents(s) | 26.0         | 1          |
| Departure                                 | Anacortes          | Friday Harbor    | IZ Incidents: Accumulated delay due to earlier incidents(s) | 23.0         | 2          |
| <b>Average Minutes Late / Total Trips</b> |                    |                  |   | <b>28.2</b>  | <b>6</b>   |

### Fauntleroy / Southworth

| Arrival or Departure                      | From Terminal Name | To Terminal Name | Late Reason Full Desc                                       | Minutes Late | Late Count |
|---|--------------------|------------------|---|--------------|------------|
| Departure                                 | Southworth         | Fauntleroy       | IZ Incidents: Accumulated delay due to earlier incidents(s) | 20.0         | 1          |
| Departure                                 | Fauntleroy         | Southworth       | IZ Incidents: Accumulated delay due to earlier incidents(s) | 24.0         | 1          |
| <b>Average Minutes Late / Total Trips</b> |                    |                  |   | <b>22.0</b>  | <b>2</b>   |

### Fauntleroy / Vashon

| Arrival or Departure                      | From Terminal Name | ToTerminal Name | Late Reason Full Desc                                       | Minutes Late | Late Count |
|---|--------------------|-----------------|---|--------------|------------|
| Departure                                 | Fauntleroy         | Vashon Island   | IZ Incidents: Accumulated delay due to earlier incidents(s) | 19.3         | 3          |
| Departure                                 | Vashon Island      | Fauntleroy      | IZ Incidents: Accumulated delay due to earlier incidents(s) | 26.5         | 2          |
| <b>Average Minutes Late / Total Trips</b> |                    |                 |   | <b>22.2</b>  | <b>5</b>   |

### Mukilteo / Clinton

| Arrival or Departure                      | From Terminal Name | ToTerminal Name | Late Reason Full Desc                                       | Minutes Late | Late Count |
|---|--------------------|-----------------|---|--------------|------------|
| Departure                                 | Clinton            | Mukilteo        | IZ Incidents: Accumulated delay due to earlier incidents(s) | 15.0         | 1          |
| <b>Average Minutes Late / Total Trips</b> |                    |                 |   | <b>15.0</b>  | <b>1</b>   |

### Pt. Defiance / Tahlequah

| Arrival or Departure                      | From Terminal Name | ToTerminal Name | Late Reason Full Desc                                       | Minutes Late | Late Count |
|---|--------------------|-----------------|---|--------------|------------|
| Departure                                 | Point Defiance     | Tahlequah       | IZ Incidents: Accumulated delay due to earlier incidents(s) | 20.0         | 2          |
| Departure                                 | Tahlequah          | Point Defiance  | IZ Incidents: Accumulated delay due to earlier incidents(s) | 21.0         | 1          |
| <b>Average Minutes Late / Total Trips</b> |                    |                 |   | <b>20.3</b>  | <b>3</b>   |

### Seattle / Bremerton

| Arrival or Departure                      | From Terminal Name | ToTerminal Name    | Late Reason Full Desc                                       | Minutes Late | Late Count |
|---|--------------------|--------------------|---|--------------|------------|
| Departure                                 | Colman Dock - P 52 | Bremerton          | IZ Incidents: Accumulated delay due to earlier incidents(s) | 20.0         | 1          |
| Departure                                 | Bremerton          | Colman Dock - P 52 | IZ Incidents: Accumulated delay due to earlier incidents(s) | 12.0         | 1          |
| <b>Average Minutes Late / Total Trips</b> |                    |                    |   | <b>16.0</b>  | <b>2</b>   |

### Southworth / Vashon

| Arrival or Departure                      | From Terminal Name | ToTerminal Name | Late Reason Full Desc                                       | Minutes Late | Late Count |
|---|--------------------|-----------------|---|--------------|------------|
| Departure                                 | Southworth         | Vashon Island   | IZ Incidents: Accumulated delay due to earlier incidents(s) | 18.0         | 1          |
| Departure                                 | Vashon Island      | Southworth      | IZ Incidents: Accumulated delay due to earlier incidents(s) | 13.0         | 1          |
| <b>Average Minutes Late / Total Trips</b> |                    |                 |   | <b>15.5</b>  | <b>2</b>   |

### MA Mechanical Issues: Vessel propulsion system

#### Mukilteo / Clinton

| Arrival or Departure                      | From Terminal Name | ToTerminal Name | Late Reason Full Desc                          | Minutes Late | Late Count |
|---|--------------------|-----------------|--|--------------|------------|
| Departure                                 | Clinton            | Mukilteo        | MA Mechanical Issues: Vessel propulsion system | 11.0         | 1          |
| Departure                                 | Mukilteo           | Clinton         | MA Mechanical Issues: Vessel propulsion system | 17.0         | 1          |
| <b>Average Minutes Late / Total Trips</b> |                    |                 |  | <b>14.0</b>  | <b>2</b>   |

#### Seattle / Bainbridge Island

| Arrival or Departure                      | From Terminal Name | ToTerminal Name   | Late Reason Full Desc                          | Minutes Late | Late Count |
|---|--------------------|-------------------|--|--------------|------------|
| Departure                                 | Colman Dock - P 52 | Bainbridge Island | MA Mechanical Issues: Vessel propulsion system | 100.0        | 1          |
| <b>Average Minutes Late / Total Trips</b> |                    |                   |  | <b>100.0</b> | <b>1</b>   |

**MM Mechanical Issues: Terminal dock closure****Edmonds / Kingston**

| Arrival or Departure                      | From Terminal Name | ToTerminal Name | Late Reason Full Desc                       | Minutes Late | Late Count |
|---|--------------------|-----------------|---|--------------|------------|
| Departure                                 | Edmonds            | Kingston        | MM Mechanical Issues: Terminal dock closure | 16.0         | 1          |
| <b>Average Minutes Late / Total Trips</b> |                    |                 |   | <b>16.0</b>  | <b>1</b>   |

**Fauntleroy / Southworth**

| Arrival or Departure                      | From Terminal Name | ToTerminal Name | Late Reason Full Desc                       | Minutes Late | Late Count |
|---|--------------------|-----------------|---|--------------|------------|
| Departure                                 | Southworth         | Fauntleroy      | MM Mechanical Issues: Terminal dock closure | 14.0         | 3          |
| Departure                                 | Fauntleroy         | Southworth      | MM Mechanical Issues: Terminal dock closure | 12.0         | 2          |
| <b>Average Minutes Late / Total Trips</b> |                    |                 |   | <b>13.2</b>  | <b>5</b>   |

**Fauntleroy / Vashon**

| Arrival or Departure                      | From Terminal Name | ToTerminal Name | Late Reason Full Desc                       | Minutes Late | Late Count |
|---|--------------------|-----------------|---|--------------|------------|
| Departure                                 | Vashon Island      | Fauntleroy      | MM Mechanical Issues: Terminal dock closure | 13.5         | 2          |
| <b>Average Minutes Late / Total Trips</b> |                    |                 |   | <b>13.5</b>  | <b>2</b>   |

**Southworth / Vashon**

| Arrival or Departure                      | From Terminal Name | ToTerminal Name | Late Reason Full Desc                       | Minutes Late | Late Count |
|---|--------------------|-----------------|---|--------------|------------|
| Departure                                 | Southworth         | Vashon Island   | MM Mechanical Issues: Terminal dock closure | 12.0         | 1          |
| Departure                                 | Vashon Island      | Southworth      | MM Mechanical Issues: Terminal dock closure | 14.7         | 3          |
| <b>Average Minutes Late / Total Trips</b> |                    |                 |   | <b>14.0</b>  | <b>4</b>   |

**MX Mechanical Issues: Other vessel mechanical problem****Mukilteo / Clinton**

| Arrival or Departure                      | From Terminal Name | ToTerminal Name | Late Reason Full Desc                                 | Minutes Late | Late Count |
|---|--------------------|-----------------|---|--------------|------------|
| Departure                                 | Clinton            | Mukilteo        | MX Mechanical Issues: Other vessel mechanical problem | 30.0         | 3          |
| Departure                                 | Mukilteo           | Clinton         | MX Mechanical Issues: Other vessel mechanical problem | 43.6         | 8          |
| <b>Average Minutes Late / Total Trips</b> |                    |                 |   | <b>39.9</b>  | <b>11</b>  |

**Seattle / Bremerton**

| Arrival or Departure                      | From Terminal Name | ToTerminal Name    | Late Reason Full Desc                                 | Minutes Late | Late Count |
|---|--------------------|--------------------|---|--------------|------------|
| Departure                                 | Bremerton          | Colman Dock - P 52 | MX Mechanical Issues: Other vessel mechanical problem | 13.0         | 2          |
| <b>Average Minutes Late / Total Trips</b> |                    |                    |   | <b>13.0</b>  | <b>2</b>   |

**MZ Mechanical Issues: Accumulated delay due to earlier mechanical issue(s)****Edmonds / Kingston**

| Arrival or Departure                      | From Terminal Name | ToTerminal Name | Late Reason Full Desc  | Minutes Late | Late Count |
|---|--------------------|-----------------|--|--------------|------------|
| Departure                                 | Edmonds            | Kingston        | MZ Mechanical Issues: Accumulated delay due to earlier mechanical issue(s) | 13.0         | 1          |
| Departure                                 | Kingston           | Edmonds         | MZ Mechanical Issues: Accumulated delay due to earlier mechanical issue(s) | 11.5         | 2          |
| <b>Average Minutes Late / Total Trips</b> |                    |                 |  | <b>12.0</b>  | <b>3</b>   |

### Fauntleroy / Vashon

| Arrival or Departure | From Terminal Name | ToTerminal Name | Late Reason Full Desc  | Minutes Late | Late Count |
|----------------------|--------------------|-----------------|--|--------------|------------|
| Departure            | Fauntleroy         | Vashon Island   | MZ Mechanical Issues: Accumulated delay due to earlier mechanical issue(s) | 15.0         | 1          |
|                      |                    |                 | <b>Average Minutes Late / Total Trips</b>                                  | <b>15.0</b>  | <b>1</b>   |

### Mukilteo / Clinton

| Arrival or Departure | From Terminal Name | ToTerminal Name | Late Reason Full Desc  | Minutes Late | Late Count |
|----------------------|--------------------|-----------------|--|--------------|------------|
| Departure            | Clinton            | Mukilteo        | MZ Mechanical Issues: Accumulated delay due to earlier mechanical issue(s) | 57.8         | 11         |
| Departure            | Mukilteo           | Clinton         | MZ Mechanical Issues: Accumulated delay due to earlier mechanical issue(s) | 63.3         | 8          |
|                      |                    |                 | <b>Average Minutes Late / Total Trips</b>                                  | <b>60.1</b>  | <b>19</b>  |

### Seattle / Bainbridge Island

| Arrival or Departure | From Terminal Name | ToTerminal Name    | Late Reason Full Desc  | Minutes Late | Late Count |
|----------------------|--------------------|--------------------|--|--------------|------------|
| Departure            | Bainbridge Island  | Colman Dock - P 52 | MZ Mechanical Issues: Accumulated delay due to earlier mechanical issue(s) | 55.0         | 1          |
|                      |                    |                    | <b>Average Minutes Late / Total Trips</b>                                  | <b>55.0</b>  | <b>1</b>   |

### Southworth / Vashon

| Arrival or Departure | From Terminal Name | ToTerminal Name | Late Reason Full Desc  | Minutes Late | Late Count |
|----------------------|--------------------|-----------------|--|--------------|------------|
| Departure            | Southworth         | Vashon Island   | MZ Mechanical Issues: Accumulated delay due to earlier mechanical issue(s) | 11.0         | 1          |
|                      |                    |                 | <b>Average Minutes Late / Total Trips</b>                                  | <b>11.0</b>  | <b>1</b>   |

### PA Procedural Problems: Vessel congestion at dock

#### Anacortes / San Juan Islands

| Arrival or Departure | From Terminal Name | ToTerminal Name | Late Reason Full Desc                             | Minutes Late | Late Count |
|----------------------|--------------------|-----------------|---|--------------|------------|
| Departure            | Lopez Island       | Friday Harbor   | PA Procedural Problems: Vessel congestion at dock | 30.0         | 3          |
| Departure            | Lopez Island       | Anacortes       | PA Procedural Problems: Vessel congestion at dock | 34.0         | 1          |
| Departure            | Anacortes          | Lopez Island    | PA Procedural Problems: Vessel congestion at dock | 36.0         | 1          |
|                      |                    |                 | <b>Average Minutes Late / Total Trips</b>         | <b>32.0</b>  | <b>5</b>   |

#### Fauntleroy / Vashon

| Arrival or Departure | From Terminal Name | ToTerminal Name | Late Reason Full Desc                             | Minutes Late | Late Count |
|----------------------|--------------------|-----------------|---|--------------|------------|
| Departure            | Fauntleroy         | Vashon Island   | PA Procedural Problems: Vessel congestion at dock | 12.0         | 2          |
| Departure            | Vashon Island      | Fauntleroy      | PA Procedural Problems: Vessel congestion at dock | 14.0         | 2          |
|                      |                    |                 | <b>Average Minutes Late / Total Trips</b>         | <b>13.0</b>  | <b>4</b>   |

#### Southworth / Vashon

| Arrival or Departure | From Terminal Name | ToTerminal Name | Late Reason Full Desc                             | Minutes Late | Late Count |
|----------------------|--------------------|-----------------|---|--------------|------------|
| Departure            | Vashon Island      | Southworth      | PA Procedural Problems: Vessel congestion at dock | 15.0         | 1          |
|                      |                    |                 | <b>Average Minutes Late / Total Trips</b>         | <b>15.0</b>  | <b>1</b>   |

**PB Procedural Problems: Vessel substitution Delay  
Mukilteo / Clinton**

| Arrival or Departure                      | From Terminal Name | To Terminal Name | Late Reason Full Desc                             | Minutes Late | Late Count |
|---|--------------------|------------------|---|--------------|------------|
| Departure                                 | Mukilteo           | Clinton          | PB Procedural Problems: Vessel substitution Delay | 12.0         | 1          |
| <b>Average Minutes Late / Total Trips</b> |                    |                  |   | <b>12.0</b>  | <b>1</b>   |

**Seattle / Bremerton**

| Arrival or Departure                      | From Terminal Name | To Terminal Name   | Late Reason Full Desc                             | Minutes Late | Late Count |
|---|--------------------|--------------------|---|--------------|------------|
| Departure                                 | Bremerton          | Colman Dock - P 52 | PB Procedural Problems: Vessel substitution Delay | 12.0         | 1          |
| <b>Average Minutes Late / Total Trips</b> |                    |                    |   | <b>12.0</b>  | <b>1</b>   |

**PG Procedural Problems: Drills  
Anacortes / San Juan Islands**

| Arrival or Departure                      | From Terminal Name | To Terminal Name | Late Reason Full Desc          | Minutes Late | Late Count |
|---|--------------------|------------------|--------------------------------|--------------|------------|
| Departure                                 | Anacortes          | Lopez Island     | PG Procedural Problems: Drills | 28.0         | 1          |
| <b>Average Minutes Late / Total Trips</b> |                    |                  |                                | <b>28.0</b>  | <b>1</b>   |

**Fauntleroy / Vashon**

| Arrival or Departure                      | From Terminal Name | To Terminal Name | Late Reason Full Desc          | Minutes Late | Late Count |
|---|--------------------|------------------|--------------------------------|--------------|------------|
| Departure                                 | Vashon Island      | Fauntleroy       | PG Procedural Problems: Drills | 15.0         | 1          |
| <b>Average Minutes Late / Total Trips</b> |                    |                  |                                | <b>15.0</b>  | <b>1</b>   |

**PH Procedural Problems: Right-of-way yield, etc.  
Anacortes / San Juan Islands**

| Arrival or Departure                      | From Terminal Name | To Terminal Name | Late Reason Full Desc                            | Minutes Late | Late Count |
|---|--------------------|------------------|--|--------------|------------|
| Departure                                 | Anacortes          | Friday Harbor    | PH Procedural Problems: Right-of-way yield, etc. | 30.0         | 1          |
| <b>Average Minutes Late / Total Trips</b> |                    |                  |  | <b>30.0</b>  | <b>1</b>   |

**PX Procedural Problems: Other, including unscheduled stops, extra run, deadhead trips, etc.**

**Anacortes / Sidney B.C.**

| Arrival or Departure                      | From Terminal Name | To Terminal Name | Late Reason Full Desc   | Minutes Late | Late Count |
|---|--------------------|------------------|---|--------------|------------|
| Departure                                 | Sidney             | Friday Harbor    | PX Procedural Problems: Other, including unscheduled stops, extra run, deadhead trips, etc. | 19.0         | 1          |
| <b>Average Minutes Late / Total Trips</b> |                    |                  |   | <b>19.0</b>  | <b>1</b>   |

**PZ Procedural Problems: Accumulated delay due to earlier procedural issues(s)  
Anacortes / San Juan Islands**

| Arrival or Departure | From Terminal Name | To Terminal Name | Late Reason Full Desc   | Minutes Late | Late Count |
|----------------------|--------------------|------------------|---|--------------|------------|
| Departure            | Lopez Island       | Friday Harbor    | PZ Procedural Problems: Accumulated delay due to earlier procedural issues(s) | 14.0         | 1          |
| Departure            | Lopez Island       | Anacortes        | PZ Procedural Problems: Accumulated delay due to earlier procedural issues(s) | 17.0         | 5          |
| Departure            | Lopez Island       | Shaw Island      | PZ Procedural Problems: Accumulated delay due to                              | 24.0         | 1          |

|           |               |               |   |             |           |
|-----------|---------------|---------------|---|-------------|-----------|
|           |               |               | earlier procedural issues(s)  |             |           |
| Departure | Friday Harbor | Anacortes     | PZ Procedural Problems: Accumulated delay due to earlier procedural issues(s) | 22.8        | 4         |
| Departure | Anacortes     | Lopez Island  | PZ Procedural Problems: Accumulated delay due to earlier procedural issues(s) | 17.0        | 2         |
| Departure | Anacortes     | Friday Harbor | PZ Procedural Problems: Accumulated delay due to earlier procedural issues(s) | 15.0        | 2         |
| Departure | Orcas Island  | Anacortes     | PZ Procedural Problems: Accumulated delay due to earlier procedural issues(s) | 20.0        | 1         |
| Departure | Shaw Island   | Anacortes     | PZ Procedural Problems: Accumulated delay due to earlier procedural issues(s) | 20.0        | 1         |
|           |               |               | <b>Average Minutes Late / Total Trips</b>                                     | <b>18.7</b> | <b>17</b> |

### Fauntleroy / Vashon

| Arrival or Departure | From Terminal Name | ToTerminal Name | Late Reason Full Desc   | Minutes Late | Late Count |
|----------------------|--------------------|-----------------|---|--------------|------------|
| Departure            | Fauntleroy         | Vashon Island   | PZ Procedural Problems: Accumulated delay due to earlier procedural issues(s) | 13.5         | 2          |
| Departure            | Vashon Island      | Fauntleroy      | PZ Procedural Problems: Accumulated delay due to earlier procedural issues(s) | 12.0         | 1          |
|                      |                    |                 | <b>Average Minutes Late / Total Trips</b>                                     | <b>13.0</b>  | <b>3</b>   |

### Southworth / Vashon

| Arrival or Departure | From Terminal Name | ToTerminal Name | Late Reason Full Desc   | Minutes Late | Late Count |
|----------------------|--------------------|-----------------|---|--------------|------------|
| Departure            | Southworth         | Vashon Island   | PZ Procedural Problems: Accumulated delay due to earlier procedural issues(s) | 11.5         | 2          |
| Departure            | Vashon Island      | Southworth      | PZ Procedural Problems: Accumulated delay due to earlier procedural issues(s) | 12.0         | 1          |
|                      |                    |                 | <b>Average Minutes Late / Total Trips</b>                                     | <b>11.7</b>  | <b>3</b>   |

### TA Traffic Issues: Heavy traffic

#### Anacortes / San Juan Islands

| Arrival or Departure | From Terminal Name | ToTerminal Name | Late Reason Full Desc                     | Minutes Late | Late Count |
|----------------------|--------------------|-----------------|---|--------------|------------|
| Departure            | Lopez Island       | Anacortes       | TA Traffic Issues: Heavy traffic          | 15.0         | 1          |
| Departure            | Friday Harbor      | Lopez Island    | TA Traffic Issues: Heavy traffic          | 32.0         | 1          |
| Departure            | Friday Harbor      | Anacortes       | TA Traffic Issues: Heavy traffic          | 22.5         | 2          |
| Departure            | Anacortes          | Lopez Island    | TA Traffic Issues: Heavy traffic          | 19.5         | 2          |
| Departure            | Anacortes          | Friday Harbor   | TA Traffic Issues: Heavy traffic          | 13.0         | 2          |
| Departure            | Anacortes          | Shaw Island     | TA Traffic Issues: Heavy traffic          | 19.8         | 4          |
| Departure            | Shaw Island        | Anacortes       | TA Traffic Issues: Heavy traffic          | 21.0         | 1          |
| Departure            | Shaw Island        | Orcas Island    | TA Traffic Issues: Heavy traffic          | 21.0         | 1          |
|                      |                    |                 | <b>Average Minutes Late / Total Trips</b> | <b>19.9</b>  | <b>14</b>  |

#### Fauntleroy / Southworth

| Arrival or Departure | From Terminal Name | ToTerminal Name | Late Reason Full Desc                     | Minutes Late | Late Count |
|----------------------|--------------------|-----------------|---|--------------|------------|
| Departure            | Southworth         | Fauntleroy      | TA Traffic Issues: Heavy traffic          | 18.7         | 3          |
| Departure            | Fauntleroy         | Southworth      | TA Traffic Issues: Heavy traffic          | 14.0         | 1          |
|                      |                    |                 | <b>Average Minutes Late / Total Trips</b> | <b>17.5</b>  | <b>4</b>   |

### Fauntleroy / Vashon

| Arrival or Departure | From Terminal Name | ToTerminal Name | Late Reason Full Desc                     | Minutes Late | Late Count |
|----------------------|--------------------|-----------------|---|--------------|------------|
| Departure            | Fauntleroy         | Vashon Island   | TA Traffic Issues: Heavy traffic          | 15.0         | 6          |
| Departure            | Vashon Island      | Fauntleroy      | TA Traffic Issues: Heavy traffic          | 13.5         | 2          |
|                      |                    |                 | <b>Average Minutes Late / Total Trips</b> | <b>14.6</b>  | <b>8</b>   |

### Mukilteo / Clinton

| Arrival or Departure | From Terminal Name | ToTerminal Name | Late Reason Full Desc                     | Minutes Late | Late Count |
|----------------------|--------------------|-----------------|---|--------------|------------|
| Departure            | Mukilteo           | Clinton         | TA Traffic Issues: Heavy traffic          | 11.0         | 1          |
|                      |                    |                 | <b>Average Minutes Late / Total Trips</b> | <b>11.0</b>  | <b>1</b>   |

### Seattle / Bainbridge Island

| Arrival or Departure | From Terminal Name | ToTerminal Name    | Late Reason Full Desc                     | Minutes Late | Late Count |
|----------------------|--------------------|--------------------|---|--------------|------------|
| Departure            | Colman Dock - P 52 | Bainbridge Island  | TA Traffic Issues: Heavy traffic          | 14.8         | 6          |
| Departure            | Bainbridge Island  | Colman Dock - P 52 | TA Traffic Issues: Heavy traffic          | 15.0         | 3          |
|                      |                    |                    | <b>Average Minutes Late / Total Trips</b> | <b>14.9</b>  | <b>9</b>   |

### Seattle / Bremerton

| Arrival or Departure | From Terminal Name | ToTerminal Name    | Late Reason Full Desc                     | Minutes Late | Late Count |
|----------------------|--------------------|--------------------|---|--------------|------------|
| Departure            | Bremerton          | Colman Dock - P 52 | TA Traffic Issues: Heavy traffic          | 12.0         | 1          |
|                      |                    |                    | <b>Average Minutes Late / Total Trips</b> | <b>12.0</b>  | <b>1</b>   |

### Southworth / Vashon

| Arrival or Departure | From Terminal Name | ToTerminal Name | Late Reason Full Desc                     | Minutes Late | Late Count |
|----------------------|--------------------|-----------------|---|--------------|------------|
| Departure            | Southworth         | Vashon Island   | TA Traffic Issues: Heavy traffic          | 18.0         | 5          |
| Departure            | Vashon Island      | Southworth      | TA Traffic Issues: Heavy traffic          | 24.3         | 3          |
|                      |                    |                 | <b>Average Minutes Late / Total Trips</b> | <b>20.4</b>  | <b>8</b>   |

### TC Traffic Issues: Schedule abandoned in favor of constant trips

#### Fauntleroy / Vashon

| Arrival or Departure | From Terminal Name | ToTerminal Name | Late Reason Full Desc  | Minutes Late | Late Count |
|----------------------|--------------------|-----------------|--|--------------|------------|
| Departure            | Fauntleroy         | Vashon Island   | TC Traffic Issues: Schedule abandoned in favor of constant trips | 22.0         | 1          |
| Departure            | Vashon Island      | Fauntleroy      | TC Traffic Issues: Schedule abandoned in favor of constant trips | 12.0         | 1          |
|                      |                    |                 | <b>Average Minutes Late / Total Trips</b>                        | <b>17.0</b>  | <b>2</b>   |

### TI Traffic Issues: Sailing cancelled by HQ

#### Pt. Defiance / Tahlequah

| Arrival or Departure | From Terminal Name | ToTerminal Name | Late Reason Full Desc                      | Minutes Late | Late Count |
|----------------------|--------------------|-----------------|--|--------------|------------|
| Departure            | Tahlequah          | Point Defiance  | TI Traffic Issues: Sailing cancelled by HQ | 22.0         | 1          |
|                      |                    |                 | <b>Average Minutes Late / Total Trips</b>  | <b>22.0</b>  | <b>1</b>   |

**TX Traffic Issues: Other traffic issue  
Anacortes / San Juan Islands**

| Arrival or Departure                      | From Terminal Name | ToTerminal Name | Late Reason Full Desc                  | Minutes Late | Late Count |
|---|--------------------|-----------------|--|--------------|------------|
| Departure                                 | Lopez Island       | Anacortes       | TX Traffic Issues: Other traffic issue | 18.0         | 2          |
| Departure                                 | Anacortes          | Lopez Island    | TX Traffic Issues: Other traffic issue | 27.0         | 2          |
| Departure                                 | Anacortes          | Friday Harbor   | TX Traffic Issues: Other traffic issue | 13.0         | 1          |
| <b>Average Minutes Late / Total Trips</b> |                    |                 |  | <b>20.6</b>  | <b>5</b>   |

**Fauntleroy / Vashon**

| Arrival or Departure                      | From Terminal Name | ToTerminal Name | Late Reason Full Desc                  | Minutes Late | Late Count |
|---|--------------------|-----------------|--|--------------|------------|
| Departure                                 | Fauntleroy         | Vashon Island   | TX Traffic Issues: Other traffic issue | 15.0         | 2          |
| Departure                                 | Vashon Island      | Fauntleroy      | TX Traffic Issues: Other traffic issue | 30.0         | 1          |
| <b>Average Minutes Late / Total Trips</b> |                    |                 |  | <b>20.0</b>  | <b>3</b>   |

**Seattle / Bainbridge Island**

| Arrival or Departure                      | From Terminal Name | ToTerminal Name    | Late Reason Full Desc                  | Minutes Late | Late Count |
|---|--------------------|--------------------|--|--------------|------------|
| Departure                                 | Bainbridge Island  | Colman Dock - P 52 | TX Traffic Issues: Other traffic issue | 16.0         | 1          |
| <b>Average Minutes Late / Total Trips</b> |                    |                    |  | <b>16.0</b>  | <b>1</b>   |

**Southworth / Vashon**

| Arrival or Departure                      | From Terminal Name | ToTerminal Name | Late Reason Full Desc                  | Minutes Late | Late Count |
|---|--------------------|-----------------|--|--------------|------------|
| Departure                                 | Southworth         | Vashon Island   | TX Traffic Issues: Other traffic issue | 11.0         | 1          |
| <b>Average Minutes Late / Total Trips</b> |                    |                 |  | <b>11.0</b>  | <b>1</b>   |

**TZ Traffic Issues: Accumulated delay due to earlier traffic issues(s)  
Anacortes / San Juan Islands**

| Arrival or Departure                      | From Terminal Name | ToTerminal Name | Late Reason Full Desc   | Minutes Late | Late Count |
|---|--------------------|-----------------|---|--------------|------------|
| Departure                                 | Lopez Island       | Friday Harbor   | TZ Traffic Issues: Accumulated delay due to earlier traffic issues(s) | 11.0         | 1          |
| Departure                                 | Lopez Island       | Anacortes       | TZ Traffic Issues: Accumulated delay due to earlier traffic issues(s) | 18.8         | 4          |
| Departure                                 | Friday Harbor      | Lopez Island    | TZ Traffic Issues: Accumulated delay due to earlier traffic issues(s) | 15.0         | 2          |
| Departure                                 | Anacortes          | Lopez Island    | TZ Traffic Issues: Accumulated delay due to earlier traffic issues(s) | 20.7         | 3          |
| Departure                                 | Anacortes          | Friday Harbor   | TZ Traffic Issues: Accumulated delay due to earlier traffic issues(s) | 19.0         | 2          |
| Departure                                 | Anacortes          | Shaw Island     | TZ Traffic Issues: Accumulated delay due to earlier traffic issues(s) | 16.0         | 1          |
| Departure                                 | Orcas Island       | Anacortes       | TZ Traffic Issues: Accumulated delay due to earlier traffic issues(s) | 18.5         | 4          |
| Departure                                 | Shaw Island        | Anacortes       | TZ Traffic Issues: Accumulated delay due to earlier traffic issues(s) | 20.0         | 2          |
| Departure                                 | Shaw Island        | Orcas Island    | TZ Traffic Issues: Accumulated delay due to earlier traffic issues(s) | 20.3         | 3          |
| <b>Average Minutes Late / Total Trips</b> |                    |                 |   | <b>18.5</b>  | <b>22</b>  |

### Faultleroy / Southworth

| Arrival or Departure | From Terminal Name | ToTerminal Name | Late Reason Full Desc   | Minutes Late | Late Count |
|----------------------|--------------------|-----------------|---|--------------|------------|
| Departure            | Southworth         | Faultleroy      | TZ Traffic Issues: Accumulated delay due to earlier traffic issues(s) | 33.0         | 1          |
| Departure            | Faultleroy         | Southworth      | TZ Traffic Issues: Accumulated delay due to earlier traffic issues(s) | 17.0         | 1          |
|                      |                    |                 | <b>Average Minutes Late / Total Trips</b>                             | <b>25.0</b>  | <b>2</b>   |

### Faultleroy / Vashon

| Arrival or Departure | From Terminal Name | ToTerminal Name | Late Reason Full Desc   | Minutes Late | Late Count |
|----------------------|--------------------|-----------------|---|--------------|------------|
| Departure            | Faultleroy         | Vashon Island   | TZ Traffic Issues: Accumulated delay due to earlier traffic issues(s) | 23.2         | 6          |
| Departure            | Vashon Island      | Faultleroy      | TZ Traffic Issues: Accumulated delay due to earlier traffic issues(s) | 22.3         | 4          |
|                      |                    |                 | <b>Average Minutes Late / Total Trips</b>                             | <b>22.8</b>  | <b>10</b>  |

### Port Townsend / Keystone

| Arrival or Departure | From Terminal Name | ToTerminal Name | Late Reason Full Desc   | Minutes Late | Late Count |
|----------------------|--------------------|-----------------|---|--------------|------------|
| Departure            | Keystone           | Port Townsend   | TZ Traffic Issues: Accumulated delay due to earlier traffic issues(s) | 24.7         | 3          |
| Departure            | Port Townsend      | Keystone        | TZ Traffic Issues: Accumulated delay due to earlier traffic issues(s) | 25.0         | 3          |
|                      |                    |                 | <b>Average Minutes Late / Total Trips</b>                             | <b>24.8</b>  | <b>6</b>   |

### Seattle / Bainbridge Island

| Arrival or Departure | From Terminal Name | ToTerminal Name    | Late Reason Full Desc   | Minutes Late | Late Count |
|----------------------|--------------------|--------------------|---|--------------|------------|
| Departure            | Colman Dock - P 52 | Bainbridge Island  | TZ Traffic Issues: Accumulated delay due to earlier traffic issues(s) | 21.0         | 1          |
| Departure            | Bainbridge Island  | Colman Dock - P 52 | TZ Traffic Issues: Accumulated delay due to earlier traffic issues(s) | 16.3         | 3          |
|                      |                    |                    | <b>Average Minutes Late / Total Trips</b>                             | <b>17.5</b>  | <b>4</b>   |

### Southworth / Vashon

| Arrival or Departure | From Terminal Name | ToTerminal Name | Late Reason Full Desc   | Minutes Late | Late Count |
|----------------------|--------------------|-----------------|---|--------------|------------|
| Departure            | Southworth         | Vashon Island   | TZ Traffic Issues: Accumulated delay due to earlier traffic issues(s) | 14.0         | 1          |
| Departure            | Vashon Island      | Southworth      | TZ Traffic Issues: Accumulated delay due to earlier traffic issues(s) | 12.0         | 2          |
|                      |                    |                 | <b>Average Minutes Late / Total Trips</b>                             | <b>12.7</b>  | <b>3</b>   |

### WA Weather: Tides

#### Anacortes / San Juan Islands

| Arrival or Departure | From Terminal Name | ToTerminal Name | Late Reason Full Desc                     | Minutes Late | Late Count |
|----------------------|--------------------|-----------------|---|--------------|------------|
| Departure            | Anacortes          | Friday Harbor   | WA Weather: Tides                         | 12.0         | 1          |
|                      |                    |                 | <b>Average Minutes Late / Total Trips</b> | <b>12.0</b>  | <b>1</b>   |

**WB Weather: Winds  
Anacortes / San Juan Islands**

| Arrival or Departure                      | From Terminal Name | To Terminal Name | Late Reason Full Desc | Minutes Late | Late Count |
|---|--------------------|------------------|-----------------------|--------------|------------|
| Departure                                 | Lopez Island       | Friday Harbor    | WB Weather: Winds     | 18.0         | 1          |
| Departure                                 | Lopez Island       | Anacortes        | WB Weather: Winds     | 27.0         | 1          |
| Departure                                 | Friday Harbor      | Lopez Island     | WB Weather: Winds     | 27.5         | 2          |
| Departure                                 | Friday Harbor      | Anacortes        | WB Weather: Winds     | 12.0         | 1          |
| Departure                                 | Anacortes          | Friday Harbor    | WB Weather: Winds     | 20.0         | 3          |
| Departure                                 | Anacortes          | Shaw Island      | WB Weather: Winds     | 38.0         | 3          |
| Departure                                 | Orcas Island       | Anacortes        | WB Weather: Winds     | 46.0         | 3          |
| Departure                                 | Shaw Island        | Anacortes        | WB Weather: Winds     | 49.0         | 2          |
| Departure                                 | Shaw Island        | Orcas Island     | WB Weather: Winds     | 51.3         | 3          |
| <b>Average Minutes Late / Total Trips</b> |                    |                  |                       | <b>35.6</b>  | <b>19</b>  |

**Port Townsend / Keystone**

| Arrival or Departure                      | From Terminal Name | To Terminal Name | Late Reason Full Desc | Minutes Late | Late Count |
|---|--------------------|------------------|-----------------------|--------------|------------|
| Departure                                 | Keystone           | Port Townsend    | WB Weather: Winds     | 37.0         | 2          |
| Departure                                 | Port Townsend      | Keystone         | WB Weather: Winds     | 31.0         | 2          |
| <b>Average Minutes Late / Total Trips</b> |                    |                  |                       | <b>34.0</b>  | <b>4</b>   |

**Seattle / Bremerton**

| Arrival or Departure                      | From Terminal Name | To Terminal Name | Late Reason Full Desc | Minutes Late | Late Count |
|---|--------------------|------------------|-----------------------|--------------|------------|
| Departure                                 | Colman Dock - P 52 | Bremerton        | WB Weather: Winds     | 17.0         | 1          |
| <b>Average Minutes Late / Total Trips</b> |                    |                  |                       | <b>17.0</b>  | <b>1</b>   |

**WY Weather: Visibility (fog, etc.)  
Anacortes / San Juan Islands**

| Arrival or Departure                      | From Terminal Name | To Terminal Name | Late Reason Full Desc              | Minutes Late | Late Count |
|---|--------------------|------------------|------------------------------------|--------------|------------|
| Departure                                 | Lopez Island       | Friday Harbor    | WY Weather: Visibility (fog, etc.) | 17.0         | 1          |
| Departure                                 | Lopez Island       | Anacortes        | WY Weather: Visibility (fog, etc.) | 33.0         | 1          |
| Departure                                 | Anacortes          | Friday Harbor    | WY Weather: Visibility (fog, etc.) | 29.0         | 2          |
| <b>Average Minutes Late / Total Trips</b> |                    |                  |                                    | <b>27.0</b>  | <b>4</b>   |

**Fauntleroy / Southworth**

| Arrival or Departure                      | From Terminal Name | To Terminal Name | Late Reason Full Desc              | Minutes Late | Late Count |
|---|--------------------|------------------|------------------------------------|--------------|------------|
| Departure                                 | Fauntleroy         | Southworth       | WY Weather: Visibility (fog, etc.) | 17.0         | 1          |
| <b>Average Minutes Late / Total Trips</b> |                    |                  |                                    | <b>17.0</b>  | <b>1</b>   |

**Fauntleroy / Vashon**

| Arrival or Departure                      | From Terminal Name | To Terminal Name | Late Reason Full Desc              | Minutes Late | Late Count |
|---|--------------------|------------------|------------------------------------|--------------|------------|
| Departure                                 | Vashon Island      | Fauntleroy       | WY Weather: Visibility (fog, etc.) | 14.0         | 1          |
| <b>Average Minutes Late / Total Trips</b> |                    |                  |                                    | <b>14.0</b>  | <b>1</b>   |

### Seattle / Bremerton

| Arrival or Departure                      | From Terminal Name | To Terminal Name   | Late Reason Full Desc              | Minutes Late | Late Count |
|---|--------------------|--------------------|------------------------------------|--------------|------------|
| Departure                                 | Colman Dock - P 52 | Bremerton          | WY Weather: Visibility (fog, etc.) | 13.0         | 1          |
| Departure                                 | Bremerton          | Colman Dock - P 52 | WY Weather: Visibility (fog, etc.) | 17.0         | 1          |
| <b>Average Minutes Late / Total Trips</b> |                    |                    |                                    | <b>15.0</b>  | <b>2</b>   |

### WZ Weather: Accumulated delay due to earlier weather issue(s)

#### Anacortes / San Juan Islands

| Arrival or Departure                      | From Terminal Name | To Terminal Name | Late Reason Full Desc   | Minutes Late | Late Count |
|---|--------------------|------------------|---|--------------|------------|
| Departure                                 | Lopez Island       | Friday Harbor    | WZ Weather: Accumulated delay due to earlier weather issue(s) | 32.0         | 1          |
| Departure                                 | Lopez Island       | Anacortes        | WZ Weather: Accumulated delay due to earlier weather issue(s) | 18.0         | 5          |
| Departure                                 | Friday Harbor      | Lopez Island     | WZ Weather: Accumulated delay due to earlier weather issue(s) | 21.0         | 1          |
| Departure                                 | Friday Harbor      | Anacortes        | WZ Weather: Accumulated delay due to earlier weather issue(s) | 25.5         | 2          |
| Departure                                 | Anacortes          | Lopez Island     | WZ Weather: Accumulated delay due to earlier weather issue(s) | 19.3         | 3          |
| Departure                                 | Anacortes          | Friday Harbor    | WZ Weather: Accumulated delay due to earlier weather issue(s) | 25.0         | 1          |
| <b>Average Minutes Late / Total Trips</b> |                    |                  |   | <b>21.3</b>  | <b>13</b>  |

#### Port Townsend / Keystone

| Arrival or Departure                      | From Terminal Name | To Terminal Name | Late Reason Full Desc   | Minutes Late | Late Count |
|---|--------------------|------------------|---|--------------|------------|
| Departure                                 | Keystone           | Port Townsend    | WZ Weather: Accumulated delay due to earlier weather issue(s) | 18.0         | 1          |
| <b>Average Minutes Late / Total Trips</b> |                    |                  |   | <b>18.0</b>  | <b>1</b>   |

### Seattle / Bremerton

| Arrival or Departure                      | From Terminal Name | To Terminal Name   | Late Reason Full Desc   | Minutes Late | Late Count |
|---|--------------------|--------------------|---|--------------|------------|
| Departure                                 | Colman Dock - P 52 | Bremerton          | WZ Weather: Accumulated delay due to earlier weather issue(s) | 16.0         | 1          |
| Departure                                 | Bremerton          | Colman Dock - P 52 | WZ Weather: Accumulated delay due to earlier weather issue(s) | 23.0         | 1          |
| <b>Average Minutes Late / Total Trips</b> |                    |                    |   | <b>19.5</b>  | <b>2</b>   |

## Appendix C – Sample Reason Codes by Month, October & November 2010

### November 2010

#### IA Incidents: Medical Incident

| Arrival or Departure | Route Name                  | From Terminal Name | ToTerminal Name                           | Minutes Late | Late Count |
|----------------------|-----------------------------|--------------------|---|--------------|------------|
| Departure            | Faultleroy / Vashon         | Faultleroy         | Vashon Island                             | 14.8         | 4          |
| Departure            | Faultleroy / Vashon         | Vashon Island      | Faultleroy                                | 13.0         | 1          |
| Departure            | Seattle / Bainbridge Island | Bainbridge Island  | Colman Dock - P 52                        | 15.0         | 1          |
|                      |                             |                    | <b>Average Minutes Late / Total Trips</b> | <b>14.5</b>  | <b>6</b>   |

#### IC Incidents: Vehicle Stalled

| Arrival or Departure | Route Name         | From Terminal Name | ToTerminal Name                           | Minutes Late | Late Count |
|----------------------|--------------------|--------------------|---|--------------|------------|
| Departure            | Mukilteo / Clinton | Mukilteo           | Clinton                                   | 12.3         | 3          |
|                      |                    |                    | <b>Average Minutes Late / Total Trips</b> | <b>12.3</b>  | <b>3</b>   |

#### ID Incidents: Vehicle stuck on ramp

| Arrival or Departure | Route Name         | From Terminal Name | ToTerminal Name                           | Minutes Late | Late Count |
|----------------------|--------------------|--------------------|---|--------------|------------|
| Departure            | Mukilteo / Clinton | Clinton            | Mukilteo                                  | 32.0         | 1          |
| Departure            | Edmonds / Kingston | Kingston           | Edmonds                                   | 14.0         | 1          |
|                      |                    |                    | <b>Average Minutes Late / Total Trips</b> | <b>23.0</b>  | <b>2</b>   |

#### IX Incidents: Other Incident (lost keys, police activity, etc.)

| Arrival or Departure | Route Name               | From Terminal Name | ToTerminal Name                           | Minutes Late | Late Count |
|----------------------|--------------------------|--------------------|---|--------------|------------|
| Departure            | Faultleroy / Vashon      | Faultleroy         | Vashon Island                             | 17.0         | 1          |
| Departure            | Faultleroy / Vashon      | Vashon Island      | Faultleroy                                | 17.0         | 1          |
| Departure            | Southworth / Vashon      | Southworth         | Vashon Island                             | 14.0         | 1          |
| Departure            | Southworth / Vashon      | Vashon Island      | Southworth                                | 14.0         | 1          |
| Departure            | Pt. Defiance / Tahlequah | Tahlequah          | Point Defiance                            | 13.0         | 1          |
|                      |                          |                    | <b>Average Minutes Late / Total Trips</b> | <b>15.0</b>  | <b>5</b>   |

#### IZ Incidents: Accumulated delay due to earlier incidents(s)

| Arrival or Departure | Route Name                   | From Terminal Name | ToTerminal Name                           | Minutes Late | Late Count |
|----------------------|------------------------------|--------------------|---|--------------|------------|
| Departure            | Anacortes / San Juan Islands | Anacortes          | Friday Harbor                             | 12.0         | 1          |
| Departure            | Seattle / Bremerton          | Bremerton          | Colman Dock - P 52                        | 12.0         | 1          |
| Departure            | Faultleroy / Southworth      | Southworth         | Faultleroy                                | 20.0         | 1          |
| Departure            | Faultleroy / Southworth      | Faultleroy         | Southworth                                | 24.0         | 1          |
| Departure            | Faultleroy / Vashon          | Faultleroy         | Vashon Island                             | 17.0         | 2          |
| Departure            | Southworth / Vashon          | Southworth         | Vashon Island                             | 18.0         | 1          |
| Departure            | Southworth / Vashon          | Vashon Island      | Southworth                                | 13.0         | 1          |
|                      |                              |                    | <b>Average Minutes Late / Total Trips</b> | <b>16.6</b>  | <b>8</b>   |

### MA Mechanical Issues: Vessel propulsion system

| Arrival or Departure | Route Name                  | From Terminal Name | ToTerminal Name                           | Minutes Late | Late Count |
|----------------------|-----------------------------|--------------------|---|--------------|------------|
| Departure            | Seattle / Bainbridge Island | Colman Dock - P 52 | Bainbridge Island                         | 100.0        | 1          |
| Departure            | Mukilteo / Clinton          | Clinton            | Mukilteo                                  | 11.0         | 1          |
| Departure            | Mukilteo / Clinton          | Mukilteo           | Clinton                                   | 17.0         | 1          |
|                      |                             |                    | <b>Average Minutes Late / Total Trips</b> | <b>42.7</b>  | <b>3</b>   |

### MM Mechanical Issues: Terminal dock closure

| Arrival or Departure | Route Name          | From Terminal Name | ToTerminal Name                           | Minutes Late | Late Count |
|----------------------|---------------------|--------------------|---|--------------|------------|
| Departure            | Fauntleroy / Vashon | Vashon Island      | Fauntleroy                                | 12.0         | 1          |
| Departure            | Southworth / Vashon | Southworth         | Vashon Island                             | 12.0         | 1          |
| Departure            | Southworth / Vashon | Vashon Island      | Southworth                                | 12.0         | 1          |
| Departure            | Edmonds / Kingston  | Edmonds            | Kingston                                  | 16.0         | 1          |
|                      |                     |                    | <b>Average Minutes Late / Total Trips</b> | <b>13.0</b>  | <b>4</b>   |

### MX Mechanical Issues: Other vessel mechanical problem

| Arrival or Departure | Route Name          | From Terminal Name | ToTerminal Name                           | Minutes Late | Late Count |
|----------------------|---------------------|--------------------|---|--------------|------------|
| Departure            | Seattle / Bremerton | Bremerton          | Colman Dock - P 52                        | 13.0         | 2          |
|                      |                     |                    | <b>Average Minutes Late / Total Trips</b> | <b>13.0</b>  | <b>2</b>   |

### MZ Mechanical Issues: Accumulated delay due to earlier mechanical issue(s)

| Arrival or Departure | Route Name                  | From Terminal Name | ToTerminal Name                           | Minutes Late | Late Count |
|----------------------|-----------------------------|--------------------|---|--------------|------------|
| Departure            | Seattle / Bainbridge Island | Bainbridge Island  | Colman Dock - P 52                        | 55.0         | 1          |
| Departure            | Edmonds / Kingston          | Edmonds            | Kingston                                  | 13.0         | 1          |
| Departure            | Edmonds / Kingston          | Kingston           | Edmonds                                   | 11.5         | 2          |
|                      |                             |                    | <b>Average Minutes Late / Total Trips</b> | <b>22.8</b>  | <b>4</b>   |

### PA Procedural Problems: Vessel congestion at dock

| Arrival or Departure | Route Name                   | From Terminal Name | ToTerminal Name                           | Minutes Late | Late Count |
|----------------------|------------------------------|--------------------|---|--------------|------------|
| Departure            | Anacortes / San Juan Islands | Lopez Island       | Anacortes                                 | 34.0         | 1          |
| Departure            | Anacortes / San Juan Islands | Anacortes          | Lopez Island                              | 36.0         | 1          |
| Departure            | Southworth / Vashon          | Vashon Island      | Southworth                                | 15.0         | 1          |
|                      |                              |                    | <b>Average Minutes Late / Total Trips</b> | <b>28.3</b>  | <b>3</b>   |

### PB Procedural Problems: Vessel substitution Delay

| Arrival or Departure | Route Name          | From Terminal Name | ToTerminal Name                           | Minutes Late | Late Count |
|----------------------|---------------------|--------------------|---|--------------|------------|
| Departure            | Seattle / Bremerton | Bremerton          | Colman Dock - P 52                        | 12.0         | 1          |
| Departure            | Mukilteo / Clinton  | Mukilteo           | Clinton                                   | 12.0         | 1          |
|                      |                     |                    | <b>Average Minutes Late / Total Trips</b> | <b>12.0</b>  | <b>2</b>   |

**PH Procedural Problems: Right-of-way yield, etc.**

| Arrival or Departure | Route Name                   | From Terminal Name | To Terminal Name                          | Minutes Late | Late Count |
|----------------------|------------------------------|--------------------|---|--------------|------------|
| Departure            | Anacortes / San Juan Islands | Anacortes          | Friday Harbor                             | 30.0         | 1          |
|                      |                              |                    | <b>Average Minutes Late / Total Trips</b> | <b>30.0</b>  | <b>1</b>   |

**PX Procedural Problems: Other, including unscheduled stops, extra run, deadhead trips, etc.**

| Arrival or Departure | Route Name              | From Terminal Name | To Terminal Name                          | Minutes Late | Late Count |
|----------------------|-------------------------|--------------------|---|--------------|------------|
| Departure            | Anacortes / Sidney B.C. | Sidney             | Friday Harbor                             | 19.0         | 1          |
|                      |                         |                    | <b>Average Minutes Late / Total Trips</b> | <b>19.0</b>  | <b>1</b>   |

**PZ Procedural Problems: Accumulated delay due to earlier procedural issues(s)**

| Arrival or Departure | Route Name                   | From Terminal Name | To Terminal Name                          | Minutes Late | Late Count |
|----------------------|------------------------------|--------------------|---|--------------|------------|
| Departure            | Anacortes / San Juan Islands | Anacortes          | Lopez Island                              | 20.0         | 1          |
| Departure            | Southworth / Vashon          | Southworth         | Vashon Island                             | 11.0         | 1          |
|                      |                              |                    | <b>Average Minutes Late / Total Trips</b> | <b>15.5</b>  | <b>2</b>   |

**TA Traffic Issues: Heavy traffic**

| Arrival or Departure | Route Name                   | From Terminal Name | To Terminal Name                          | Minutes Late | Late Count |
|----------------------|------------------------------|--------------------|---|--------------|------------|
| Departure            | Anacortes / San Juan Islands | Friday Harbor      | Lopez Island                              | 32.0         | 1          |
| Departure            | Anacortes / San Juan Islands | Anacortes          | Lopez Island                              | 11.0         | 1          |
| Departure            | Anacortes / San Juan Islands | Anacortes          | Friday Harbor                             | 13.0         | 1          |
| Departure            | Anacortes / San Juan Islands | Anacortes          | Shaw Island                               | 19.8         | 4          |
| Departure            | Anacortes / San Juan Islands | Shaw Island        | Anacortes                                 | 21.0         | 1          |
| Departure            | Anacortes / San Juan Islands | Shaw Island        | Orcas Island                              | 21.0         | 1          |
| Departure            | Fauntleroy / Southworth      | Southworth         | Fauntleroy                                | 33.0         | 1          |
| Departure            | Fauntleroy / Vashon          | Fauntleroy         | Vashon Island                             | 15.0         | 4          |
| Departure            | Fauntleroy / Vashon          | Vashon Island      | Fauntleroy                                | 13.5         | 2          |
| Departure            | Southworth / Vashon          | Southworth         | Vashon Island                             | 19.3         | 4          |
| Departure            | Southworth / Vashon          | Vashon Island      | Southworth                                | 24.3         | 3          |
| Departure            | Seattle / Bainbridge Island  | Colman Dock - P 52 | Bainbridge Island                         | 14.7         | 3          |
| Departure            | Seattle / Bainbridge Island  | Bainbridge Island  | Colman Dock - P 52                        | 19.0         | 1          |
|                      |                              |                    | <b>Average Minutes Late / Total Trips</b> | <b>18.9</b>  | <b>27</b>  |

**TX Traffic Issues: Other traffic issue**

| Arrival or Departure | Route Name                   | From Terminal Name | To Terminal Name | Minutes Late | Late Count |
|----------------------|------------------------------|--------------------|------------------|--------------|------------|
| Departure            | Anacortes / San Juan Islands | Lopez Island       | Anacortes        | 18.0         | 2          |
| Departure            | Anacortes / San Juan Islands | Anacortes          | Lopez Island     | 11.0         | 1          |

|           |                              |                   |   |             |          |
|-----------|------------------------------|-------------------|---|-------------|----------|
|           | Islands                      |                   |   |             |          |
| Departure | Anacortes / San Juan Islands | Anacortes         | Friday Harbor                             | 13.0        | 1        |
| Departure | Fauntleroy / Vashon          | Fauntleroy        | Vashon Island                             | 15.0        | 2        |
| Departure | Fauntleroy / Vashon          | Vashon Island     | Fauntleroy                                | 30.0        | 1        |
| Departure | Seattle / Bainbridge Island  | Bainbridge Island | Colman Dock - P 52                        | 16.0        | 1        |
|           |                              |                   | <b>Average Minutes Late / Total Trips</b> | <b>17.0</b> | <b>8</b> |

### TZ Traffic Issues: Accumulated delay due to earlier traffic issues(s)

| Arrival or Departure | Route Name                   | From Terminal Name | ToTerminal Name                           | Minutes Late | Late Count |
|----------------------|------------------------------|--------------------|---|--------------|------------|
| Departure            | Anacortes / San Juan Islands | Lopez Island       | Anacortes                                 | 13.0         | 1          |
| Departure            | Anacortes / San Juan Islands | Friday Harbor      | Lopez Island                              | 15.0         | 2          |
| Departure            | Anacortes / San Juan Islands | Anacortes          | Lopez Island                              | 11.0         | 1          |
| Departure            | Anacortes / San Juan Islands | Anacortes          | Friday Harbor                             | 17.0         | 1          |
| Departure            | Anacortes / San Juan Islands | Anacortes          | Shaw Island                               | 16.0         | 1          |
| Departure            | Anacortes / San Juan Islands | Orcas Island       | Anacortes                                 | 18.5         | 4          |
| Departure            | Anacortes / San Juan Islands | Shaw Island        | Anacortes                                 | 20.0         | 2          |
| Departure            | Anacortes / San Juan Islands | Shaw Island        | Orcas Island                              | 20.3         | 3          |
| Departure            | Fauntleroy / Southworth      | Southworth         | Fauntleroy                                | 33.0         | 1          |
| Departure            | Fauntleroy / Southworth      | Fauntleroy         | Southworth                                | 17.0         | 1          |
| Departure            | Fauntleroy / Vashon          | Fauntleroy         | Vashon Island                             | 28.8         | 4          |
| Departure            | Fauntleroy / Vashon          | Vashon Island      | Fauntleroy                                | 30.0         | 2          |
| Departure            | Seattle / Bainbridge Island  | Colman Dock - P 52 | Bainbridge Island                         | 21.0         | 1          |
| Departure            | Seattle / Bainbridge Island  | Bainbridge Island  | Colman Dock - P 52                        | 16.3         | 3          |
| Departure            | Port Townsend / Keystone     | Keystone           | Port Townsend                             | 24.7         | 3          |
| Departure            | Port Townsend / Keystone     | Port Townsend      | Keystone                                  | 25.0         | 3          |
|                      |                              |                    | <b>Average Minutes Late / Total Trips</b> | <b>21.4</b>  | <b>33</b>  |

### WB Weather: Winds

| Arrival or Departure | Route Name                   | From Terminal Name | ToTerminal Name | Minutes Late | Late Count |
|----------------------|------------------------------|--------------------|-----------------|--------------|------------|
| Departure            | Anacortes / San Juan Islands | Lopez Island       | Friday Harbor   | 18.0         | 1          |
| Departure            | Anacortes / San Juan Islands | Lopez Island       | Anacortes       | 27.0         | 1          |
| Departure            | Anacortes / San Juan Islands | Friday Harbor      | Lopez Island    | 27.5         | 2          |
| Departure            | Anacortes / San Juan Islands | Friday Harbor      | Anacortes       | 12.0         | 1          |
| Departure            | Anacortes / San Juan Islands | Anacortes          | Friday Harbor   | 20.0         | 3          |
| Departure            | Anacortes / San Juan Islands | Anacortes          | Shaw Island     | 38.0         | 3          |

|           |                              |                    |   |             |           |
|-----------|------------------------------|--------------------|---|-------------|-----------|
| Departure | Anacortes / San Juan Islands | Orcas Island       | Anacortes                                 | 46.0        | 3         |
| Departure | Anacortes / San Juan Islands | Shaw Island        | Anacortes                                 | 49.0        | 2         |
| Departure | Anacortes / San Juan Islands | Shaw Island        | Orcas Island                              | 51.3        | 3         |
| Departure | Seattle / Bremerton          | Colman Dock - P 52 | Bremerton                                 | 17.0        | 1         |
| Departure | Port Townsend / Keystone     | Keystone           | Port Townsend                             | 37.0        | 2         |
| Departure | Port Townsend / Keystone     | Port Townsend      | Keystone                                  | 31.0        | 2         |
|           |                              |                    | <b>Average Minutes Late / Total Trips</b> | <b>34.5</b> | <b>24</b> |

### WY Weather: Visibility (fog, etc.)

| Arrival or Departure | Route Name          | From Terminal Name | ToTerminal Name                           | Minutes Late | Late Count |
|----------------------|---------------------|--------------------|---|--------------|------------|
| Departure            | Seattle / Bremerton | Colman Dock - P 52 | Bremerton                                 | 13.0         | 1          |
| Departure            | Seattle / Bremerton | Bremerton          | Colman Dock - P 52                        | 17.0         | 1          |
|                      |                     |                    | <b>Average Minutes Late / Total Trips</b> | <b>15.0</b>  | <b>2</b>   |

### WZ Weather: Accumulated delay due to earlier weather issue(s)

| Arrival or Departure | Route Name                   | From Terminal Name | ToTerminal Name                           | Minutes Late | Late Count |
|----------------------|------------------------------|--------------------|---|--------------|------------|
| Departure            | Anacortes / San Juan Islands | Lopez Island       | Friday Harbor                             | 32.0         | 1          |
| Departure            | Anacortes / San Juan Islands | Lopez Island       | Anacortes                                 | 18.7         | 3          |
| Departure            | Anacortes / San Juan Islands | Friday Harbor      | Lopez Island                              | 21.0         | 1          |
| Departure            | Anacortes / San Juan Islands | Anacortes          | Lopez Island                              | 21.0         | 2          |
| Departure            | Seattle / Bremerton          | Colman Dock - P 52 | Bremerton                                 | 16.0         | 1          |
| Departure            | Seattle / Bremerton          | Bremerton          | Colman Dock - P 52                        | 23.0         | 1          |
| Departure            | Port Townsend / Keystone     | Keystone           | Port Townsend                             | 18.0         | 1          |
|                      |                              |                    | <b>Average Minutes Late / Total Trips</b> | <b>20.8</b>  | <b>10</b>  |

**October 2010**

**CB Crew Issues: Error in Dispatch**

| Arrival or Departure | Route Name                   | From Terminal Name | ToTerminal Name                           | Minutes Late | Late Count |
|----------------------|------------------------------|--------------------|---|--------------|------------|
| Departure            | Anacortes / San Juan Islands | Anacortes          | Friday Harbor                             | 15.0         | 1          |
|                      |                              |                    | <b>Average Minutes Late / Total Trips</b> | <b>15.0</b>  | <b>1</b>   |

**CZ Crew Issues: Accumulated delay due to earlier crew issues(s)**

| Arrival or Departure | Route Name                   | From Terminal Name | ToTerminal Name                           | Minutes Late | Late Count |
|----------------------|------------------------------|--------------------|---|--------------|------------|
| Departure            | Anacortes / San Juan Islands | Friday Harbor      | Anacortes                                 | 15.0         | 1          |
|                      |                              |                    | <b>Average Minutes Late / Total Trips</b> | <b>15.0</b>  | <b>1</b>   |

**IA Incidents: Medical Incident**

| Arrival or Departure | Route Name          | From Terminal Name | ToTerminal Name                           | Minutes Late | Late Count |
|----------------------|---------------------|--------------------|---|--------------|------------|
| Departure            | Fauntleroy / Vashon | Vashon Island      | Fauntleroy                                | 11.0         | 1          |
| Departure            | Southworth / Vashon | Southworth         | Vashon Island                             | 20.0         | 2          |
| Departure            | Edmonds / Kingston  | Edmonds            | Kingston                                  | 15.0         | 1          |
|                      |                     |                    | <b>Average Minutes Late / Total Trips</b> | <b>16.5</b>  | <b>4</b>   |

**IC Incidents: Vehicle Stalled**

| Arrival or Departure | Route Name                   | From Terminal Name | ToTerminal Name                           | Minutes Late | Late Count |
|----------------------|------------------------------|--------------------|---|--------------|------------|
| Departure            | Anacortes / San Juan Islands | Lopez Island       | Anacortes                                 | 28.0         | 1          |
| Departure            | Anacortes / San Juan Islands | Friday Harbor      | Anacortes                                 | 33.0         | 1          |
| Departure            | Anacortes / San Juan Islands | Anacortes          | Lopez Island                              | 13.0         | 1          |
| Departure            | Seattle / Bremerton          | Colman Dock - P 52 | Bremerton                                 | 16.0         | 1          |
| Departure            | Seattle / Bremerton          | Bremerton          | Colman Dock - P 52                        | 24.0         | 1          |
| Departure            | Fauntleroy / Vashon          | Fauntleroy         | Vashon Island                             | 13.0         | 1          |
| Departure            | Fauntleroy / Vashon          | Vashon Island      | Fauntleroy                                | 11.0         | 1          |
|                      |                              |                    | <b>Average Minutes Late / Total Trips</b> | <b>19.7</b>  | <b>7</b>   |

**ID Incidents: Vehicle stuck on ramp**

| Arrival or Departure | Route Name               | From Terminal Name | ToTerminal Name                           | Minutes Late | Late Count |
|----------------------|--------------------------|--------------------|---|--------------|------------|
| Departure            | Pt. Defiance / Tahlequah | Tahlequah          | Point Defiance                            | 20.0         | 1          |
|                      |                          |                    | <b>Average Minutes Late / Total Trips</b> | <b>20.0</b>  | <b>1</b>   |

### IE Incidents: Dangerous goods incident

| Arrival or Departure | Route Name                   | From Terminal Name                        | ToTerminal Name | Minutes Late | Late Count |
|----------------------|------------------------------|---|-----------------|--------------|------------|
| Departure            | Anacortes / San Juan Islands | Anacortes                                 | Lopez Island    | 22.0         | 1          |
|                      |                              | <b>Average Minutes Late / Total Trips</b> |                 | <b>22.0</b>  | <b>1</b>   |

### IX Incidents: Other Incident (lost keys, police activity, etc.)

| Arrival or Departure | Route Name          | From Terminal Name                        | ToTerminal Name | Minutes Late | Late Count |
|----------------------|---------------------|---|-----------------|--------------|------------|
| Departure            | Seattle / Bremerton | Colman Dock - P 52                        | Bremerton       | 24.0         | 1          |
| Departure            | Southworth / Vashon | Southworth                                | Vashon Island   | 11.0         | 1          |
|                      |                     | <b>Average Minutes Late / Total Trips</b> |                 | <b>17.5</b>  | <b>2</b>   |

### IZ Incidents: Accumulated delay due to earlier incidents(s)

| Arrival or Departure | Route Name                   | From Terminal Name                        | ToTerminal Name | Minutes Late | Late Count |
|----------------------|------------------------------|---|-----------------|--------------|------------|
| Departure            | Anacortes / San Juan Islands | Lopez Island                              | Friday Harbor   | 20.0         | 1          |
| Departure            | Anacortes / San Juan Islands | Lopez Island                              | Anacortes       | 37.0         | 1          |
| Departure            | Anacortes / San Juan Islands | Friday Harbor                             | Anacortes       | 40.0         | 1          |
| Departure            | Anacortes / San Juan Islands | Anacortes                                 | Lopez Island    | 26.0         | 1          |
| Departure            | Anacortes / San Juan Islands | Anacortes                                 | Friday Harbor   | 34.0         | 1          |
| Departure            | Seattle / Bremerton          | Colman Dock - P 52                        | Bremerton       | 20.0         | 1          |
| Departure            | Fauntleroy / Vashon          | Fauntleroy                                | Vashon Island   | 24.0         | 1          |
| Departure            | Fauntleroy / Vashon          | Vashon Island                             | Fauntleroy      | 26.5         | 2          |
| Departure            | Mukilteo / Clinton           | Clinton                                   | Mukilteo        | 15.0         | 1          |
| Departure            | Pt. Defiance / Tahlequah     | Point Defiance                            | Tahlequah       | 20.0         | 2          |
| Departure            | Pt. Defiance / Tahlequah     | Tahlequah                                 | Point Defiance  | 21.0         | 1          |
|                      |                              | <b>Average Minutes Late / Total Trips</b> |                 | <b>25.4</b>  | <b>13</b>  |

### MM Mechanical Issues: Terminal dock closure

| Arrival or Departure | Route Name              | From Terminal Name                        | ToTerminal Name | Minutes Late | Late Count |
|----------------------|-------------------------|---|-----------------|--------------|------------|
| Departure            | Fauntleroy / Southworth | Southworth                                | Fauntleroy      | 14.0         | 3          |
| Departure            | Fauntleroy / Southworth | Fauntleroy                                | Southworth      | 12.0         | 2          |
| Departure            | Fauntleroy / Vashon     | Vashon Island                             | Fauntleroy      | 15.0         | 1          |
| Departure            | Southworth / Vashon     | Vashon Island                             | Southworth      | 16.0         | 2          |
|                      |                         | <b>Average Minutes Late / Total Trips</b> |                 | <b>14.1</b>  | <b>8</b>   |

### MX Mechanical Issues: Other vessel mechanical problem

| Arrival or Departure | Route Name         | From Terminal Name                        | ToTerminal Name | Minutes Late | Late Count |
|----------------------|--------------------|---|-----------------|--------------|------------|
| Departure            | Mukilteo / Clinton | Clinton                                   | Mukilteo        | 30.0         | 3          |
| Departure            | Mukilteo / Clinton | Mukilteo                                  | Clinton         | 43.6         | 8          |
|                      |                    | <b>Average Minutes Late / Total Trips</b> |                 | <b>39.9</b>  | <b>11</b>  |

### MZ Mechanical Issues: Accumulated delay due to earlier mechanical issue(s)

| Arrival or Departure | Route Name          | From Terminal Name                        | ToTerminal Name | Minutes Late | Late Count |
|----------------------|---------------------|---|-----------------|--------------|------------|
| Departure            | Fauntleroy / Vashon | Fauntleroy                                | Vashon Island   | 15.0         | 1          |
| Departure            | Southworth / Vashon | Southworth                                | Vashon Island   | 11.0         | 1          |
| Departure            | Mukilteo / Clinton  | Clinton                                   | Mukilteo        | 57.8         | 11         |
| Departure            | Mukilteo / Clinton  | Mukilteo                                  | Clinton         | 63.3         | 8          |
|                      |                     | <b>Average Minutes Late / Total Trips</b> |                 | <b>55.6</b>  | <b>21</b>  |

### PA Procedural Problems: Vessel congestion at dock

| Arrival or Departure | Route Name                   | From Terminal Name                        | ToTerminal Name | Minutes Late | Late Count |
|----------------------|------------------------------|---|-----------------|--------------|------------|
| Departure            | Anacortes / San Juan Islands | Lopez Island                              | Friday Harbor   | 30.0         | 3          |
| Departure            | Fauntleroy / Vashon          | Fauntleroy                                | Vashon Island   | 12.0         | 2          |
| Departure            | Fauntleroy / Vashon          | Vashon Island                             | Fauntleroy      | 14.0         | 2          |
|                      |                              | <b>Average Minutes Late / Total Trips</b> |                 | <b>20.3</b>  | <b>7</b>   |

### PG Procedural Problems: Drills

| Arrival or Departure | Route Name                   | From Terminal Name                        | ToTerminal Name | Minutes Late | Late Count |
|----------------------|------------------------------|---|-----------------|--------------|------------|
| Departure            | Anacortes / San Juan Islands | Anacortes                                 | Lopez Island    | 28.0         | 1          |
| Departure            | Fauntleroy / Vashon          | Vashon Island                             | Fauntleroy      | 15.0         | 1          |
|                      |                              | <b>Average Minutes Late / Total Trips</b> |                 | <b>21.5</b>  | <b>2</b>   |

### PZ Procedural Problems: Accumulated delay due to earlier procedural issues(s)

| Arrival or Departure | Route Name                   | From Terminal Name | ToTerminal Name | Minutes Late | Late Count |
|----------------------|------------------------------|--------------------|-----------------|--------------|------------|
| Departure            | Anacortes / San Juan Islands | Lopez Island       | Friday Harbor   | 14.0         | 1          |
| Departure            | Anacortes / San Juan Islands | Lopez Island       | Anacortes       | 17.0         | 5          |
| Departure            | Anacortes / San Juan Islands | Lopez Island       | Shaw Island     | 24.0         | 1          |
| Departure            | Anacortes / San Juan Islands | Friday Harbor      | Anacortes       | 22.8         | 4          |
| Departure            | Anacortes / San Juan Islands | Anacortes          | Lopez Island    | 14.0         | 1          |
| Departure            | Anacortes / San Juan Islands | Anacortes          | Friday Harbor   | 15.0         | 2          |
| Departure            | Anacortes / San Juan Islands | Orcas Island       | Anacortes       | 20.0         | 1          |
| Departure            | Anacortes / San Juan Islands | Shaw Island        | Anacortes       | 20.0         | 1          |

|           |                     |               |   |             |           |
|-----------|---------------------|---------------|---|-------------|-----------|
| Departure | Fauntleroy / Vashon | Fauntleroy    | Vashon Island                             | 13.5        | 2         |
| Departure | Fauntleroy / Vashon | Vashon Island | Fauntleroy                                | 12.0        | 1         |
| Departure | Southworth / Vashon | Southworth    | Vashon Island                             | 12.0        | 1         |
| Departure | Southworth / Vashon | Vashon Island | Southworth                                | 12.0        | 1         |
|           |                     |               | <b>Average Minutes Late / Total Trips</b> | <b>17.2</b> | <b>21</b> |

### TA Traffic Issues: Heavy traffic

| Arrival or Departure | Route Name                   | From Terminal Name | ToTerminal Name                           | Minutes Late | Late Count |
|----------------------|------------------------------|--------------------|---|--------------|------------|
| Departure            | Anacortes / San Juan Islands | Lopez Island       | Anacortes                                 | 15.0         | 1          |
| Departure            | Anacortes / San Juan Islands | Friday Harbor      | Anacortes                                 | 22.5         | 2          |
| Departure            | Anacortes / San Juan Islands | Anacortes          | Lopez Island                              | 28.0         | 1          |
| Departure            | Anacortes / San Juan Islands | Anacortes          | Friday Harbor                             | 13.0         | 1          |
| Departure            | Seattle / Bremerton          | Bremerton          | Colman Dock - P 52                        | 12.0         | 1          |
| Departure            | Fauntleroy / Southworth      | Southworth         | Fauntleroy                                | 11.5         | 2          |
| Departure            | Fauntleroy / Southworth      | Fauntleroy         | Southworth                                | 14.0         | 1          |
| Departure            | Fauntleroy / Vashon          | Fauntleroy         | Vashon Island                             | 15.0         | 2          |
| Departure            | Southworth / Vashon          | Southworth         | Vashon Island                             | 13.0         | 1          |
| Departure            | Seattle / Bainbridge Island  | Colman Dock - P 52 | Bainbridge Island                         | 15.0         | 3          |
| Departure            | Seattle / Bainbridge Island  | Bainbridge Island  | Colman Dock - P 52                        | 13.0         | 2          |
| Departure            | Mukilteo / Clinton           | Mukilteo           | Clinton                                   | 11.0         | 1          |
|                      |                              |                    | <b>Average Minutes Late / Total Trips</b> | <b>15.3</b>  | <b>18</b>  |

### TC Traffic Issues: Schedule abandoned in favor of constant trips

| Arrival or Departure | Route Name          | From Terminal Name | ToTerminal Name                           | Minutes Late | Late Count |
|----------------------|---------------------|--------------------|---|--------------|------------|
| Departure            | Fauntleroy / Vashon | Fauntleroy         | Vashon Island                             | 22.0         | 1          |
| Departure            | Fauntleroy / Vashon | Vashon Island      | Fauntleroy                                | 12.0         | 1          |
|                      |                     |                    | <b>Average Minutes Late / Total Trips</b> | <b>17.0</b>  | <b>2</b>   |

### TI Traffic Issues: Sailing cancelled by HQ

| Arrival or Departure | Route Name               | From Terminal Name | ToTerminal Name                           | Minutes Late | Late Count |
|----------------------|--------------------------|--------------------|---|--------------|------------|
| Departure            | Pt. Defiance / Tahlequah | Tahlequah          | Point Defiance                            | 22.0         | 1          |
|                      |                          |                    | <b>Average Minutes Late / Total Trips</b> | <b>22.0</b>  | <b>1</b>   |

**TX Traffic Issues: Other traffic issue**

| Arrival or Departure | Route Name                   | From Terminal Name                        | To Terminal Name | Minutes Late | Late Count |
|----------------------|------------------------------|---|------------------|--------------|------------|
| Departure            | Anacortes / San Juan Islands | Anacortes                                 | Lopez Island     | 43.0         | 1          |
| Departure            | Southworth / Vashon          | Southworth                                | Vashon Island    | 11.0         | 1          |
|                      |                              | <b>Average Minutes Late / Total Trips</b> |                  | <b>27.0</b>  | <b>2</b>   |

**TZ Traffic Issues: Accumulated delay due to earlier traffic issues(s)**

| Arrival or Departure | Route Name                   | From Terminal Name                        | To Terminal Name | Minutes Late | Late Count |
|----------------------|------------------------------|---|------------------|--------------|------------|
| Departure            | Anacortes / San Juan Islands | Lopez Island                              | Friday Harbor    | 11.0         | 1          |
| Departure            | Anacortes / San Juan Islands | Lopez Island                              | Anacortes        | 20.7         | 3          |
| Departure            | Anacortes / San Juan Islands | Anacortes                                 | Lopez Island     | 25.5         | 2          |
| Departure            | Anacortes / San Juan Islands | Anacortes                                 | Friday Harbor    | 21.0         | 1          |
| Departure            | Fauntleroy / Vashon          | Fauntleroy                                | Vashon Island    | 12.0         | 2          |
| Departure            | Fauntleroy / Vashon          | Vashon Island                             | Fauntleroy       | 14.5         | 2          |
| Departure            | Southworth / Vashon          | Southworth                                | Vashon Island    | 14.0         | 1          |
| Departure            | Southworth / Vashon          | Vashon Island                             | Southworth       | 12.0         | 2          |
|                      |                              | <b>Average Minutes Late / Total Trips</b> |                  | <b>16.9</b>  | <b>14</b>  |

**WA Weather: Tides**

| Arrival or Departure | Route Name                   | From Terminal Name                        | To Terminal Name | Minutes Late | Late Count |
|----------------------|------------------------------|---|------------------|--------------|------------|
| Departure            | Anacortes / San Juan Islands | Anacortes                                 | Friday Harbor    | 12.0         | 1          |
|                      |                              | <b>Average Minutes Late / Total Trips</b> |                  | <b>12.0</b>  | <b>1</b>   |

**WY Weather: Visibility (fog, etc.)**

| Arrival or Departure | Route Name                   | From Terminal Name                        | To Terminal Name | Minutes Late | Late Count |
|----------------------|------------------------------|---|------------------|--------------|------------|
| Departure            | Anacortes / San Juan Islands | Lopez Island                              | Friday Harbor    | 17.0         | 1          |
| Departure            | Anacortes / San Juan Islands | Lopez Island                              | Anacortes        | 33.0         | 1          |
| Departure            | Anacortes / San Juan Islands | Anacortes                                 | Friday Harbor    | 29.0         | 2          |
| Departure            | Fauntleroy / Southworth      | Fauntleroy                                | Southworth       | 17.0         | 1          |
| Departure            | Fauntleroy / Vashon          | Vashon Island                             | Fauntleroy       | 14.0         | 1          |
|                      |                              | <b>Average Minutes Late / Total Trips</b> |                  | <b>23.2</b>  | <b>6</b>   |

**WZ Weather: Accumulated delay due to earlier weather issue(s)**

| Arrival or Departure | Route Name                   | From Terminal Name | ToTerminal Name                           | Minutes Late | Late Count |
|----------------------|------------------------------|--------------------|---|--------------|------------|
| Departure            | Anacortes / San Juan Islands | Lopez Island       | Anacortes                                 | 17.0         | 2          |
| Departure            | Anacortes / San Juan Islands | Friday Harbor      | Anacortes                                 | 25.5         | 2          |
| Departure            | Anacortes / San Juan Islands | Anacortes          | Lopez Island                              | 16.0         | 1          |
| Departure            | Anacortes / San Juan Islands | Anacortes          | Friday Harbor                             | 25.0         | 1          |
|                      |                              |                    | <b>Average Minutes Late / Total Trips</b> | <b>21.0</b>  | <b>6</b>   |

## Appendix D – Reason Codes by Vessel October - November 2010

### Cathlamet

#### Mukilteo / Clinton

| Arrival or Departure | From Terminal Name | To Terminal Name | Late Reason Full Desc  | Minutes Late | Late Count |
|----------------------|--------------------|------------------|--|--------------|------------|
| Departure            | Clinton            | Mukilteo         | IZ Incidents: Accumulated delay due to earlier incidents(s)                | 15.0         | 1          |
| Departure            | Clinton            | Mukilteo         | MZ Mechanical Issues: Accumulated delay due to earlier mechanical issue(s) | 57.8         | 11         |
| Departure            | Clinton            | Mukilteo         | MX Mechanical Issues: Other vessel mechanical problem                      | 30.0         | 3          |
| Departure            | Clinton            | Mukilteo         | ID Incidents: Vehicle stuck on ramp  | 32.0         | 1          |
| Departure            | Clinton            | Mukilteo         | MA Mechanical Issues: Vessel propulsion system                             | 11.0         | 1          |
| Departure            | Mukilteo           | Clinton          | MZ Mechanical Issues: Accumulated delay due to earlier mechanical issue(s) | 63.3         | 8          |
| Departure            | Mukilteo           | Clinton          | MX Mechanical Issues: Other vessel mechanical problem                      | 43.6         | 8          |
| Departure            | Mukilteo           | Clinton          | PB Procedural Problems: Vessel substitution Delay                          | 12.0         | 1          |
| Departure            | Mukilteo           | Clinton          | MA Mechanical Issues: Vessel propulsion system                             | 17.0         | 1          |
|                      |                    |                  | <b>Average Minutes Late / Total Trips</b>                                  | <b>47.7</b>  | <b>35</b>  |

### Chelan

#### Anacortes / San Juan Islands

| Arrival or Departure | From Terminal Name | To Terminal Name | Late Reason Full Desc   | Minutes Late | Late Count |
|----------------------|--------------------|------------------|---|--------------|------------|
| Departure            | Lopez Island       | Friday Harbor    | TZ Traffic Issues: Accumulated delay due to earlier traffic issues(s)         | 11.0         | 1          |
| Departure            | Lopez Island       | Friday Harbor    | PZ Procedural Problems: Accumulated delay due to earlier procedural issues(s) | 14.0         | 1          |
| Departure            | Lopez Island       | Friday Harbor    | PA Procedural Problems: Vessel congestion at dock                             | 43.0         | 1          |
| Departure            | Lopez Island       | Friday Harbor    | IZ Incidents: Accumulated delay due to earlier incidents(s)                   | 20.0         | 1          |
| Departure            | Lopez Island       | Friday Harbor    | WY Weather: Visibility (fog, etc.)  | 17.0         | 1          |
| Departure            | Lopez Island       | Anacortes        | TZ Traffic Issues: Accumulated delay due to earlier traffic issues(s)         | 23.0         | 2          |
| Departure            | Lopez Island       | Anacortes        | PZ Procedural Problems: Accumulated delay due to earlier procedural issues(s) | 16.3         | 4          |
| Departure            | Lopez Island       | Anacortes        | TA Traffic Issues: Heavy traffic  | 15.0         | 1          |
| Departure            | Lopez Island       | Anacortes        | IC Incidents: Vehicle Stalled   | 28.0         | 1          |
| Departure            | Lopez Island       | Anacortes        | IZ Incidents: Accumulated delay due to earlier incidents(s)                   | 37.0         | 1          |
| Departure            | Lopez Island       | Anacortes        | WY Weather: Visibility (fog, etc.)  | 33.0         | 1          |
| Departure            | Lopez Island       | Anacortes        | WZ Weather: Accumulated delay due to earlier weather issue(s)                 | 17.0         | 2          |
| Departure            | Friday Harbor      | Anacortes        | PZ Procedural Problems: Accumulated delay due to earlier procedural issues(s) | 22.3         | 3          |
| Departure            | Friday Harbor      | Anacortes        | TA Traffic Issues: Heavy traffic  | 25.0         | 1          |
| Departure            | Friday Harbor      | Anacortes        | IC Incidents: Vehicle Stalled   | 33.0         | 1          |
| Departure            | Friday Harbor      | Anacortes        | IZ Incidents: Accumulated delay due to earlier incidents(s)                   | 40.0         | 1          |
| Departure            | Friday Harbor      | Anacortes        | CZ Crew Issues: Accumulated delay due to earlier crew issues(s)               | 15.0         | 1          |
| Departure            | Friday Harbor      | Anacortes        | WZ Weather: Accumulated delay due to earlier weather issue(s)                 | 25.5         | 2          |
| Departure            | Anacortes          | Lopez Island     | TZ Traffic Issues: Accumulated delay due to earlier traffic issues(s)         | 25.5         | 2          |
| Departure            | Anacortes          | Lopez Island     | PZ Procedural Problems: Accumulated delay due to earlier procedural issues(s) | 14.0         | 1          |
| Departure            | Anacortes          | Lopez Island     | IE Incidents: Dangerous goods incident  | 22.0         | 1          |
| Departure            | Anacortes          | Lopez Island     | IC Incidents: Vehicle Stalled   | 13.0         | 1          |
| Departure            | Anacortes          | Lopez Island     | IZ Incidents: Accumulated delay due to earlier incidents(s)                   | 26.0         | 1          |

|           |           |               |   |             |           |
|-----------|-----------|---------------|---|-------------|-----------|
| Departure | Anacortes | Lopez Island  | TX Traffic Issues: Other traffic issue  | 43.0        | 1         |
| Departure | Anacortes | Lopez Island  | WZ Weather: Accumulated delay due to earlier weather issue(s)                 | 16.0        | 1         |
| Departure | Anacortes | Friday Harbor | TZ Traffic Issues: Accumulated delay due to earlier traffic issues(s)         | 21.0        | 1         |
| Departure | Anacortes | Friday Harbor | PZ Procedural Problems: Accumulated delay due to earlier procedural issues(s) | 15.0        | 2         |
| Departure | Anacortes | Friday Harbor | IZ Incidents: Accumulated delay due to earlier incidents(s)                   | 34.0        | 1         |
| Departure | Anacortes | Friday Harbor | CB Crew Issues: Error in Dispatch   | 15.0        | 1         |
| Departure | Anacortes | Friday Harbor | WY Weather: Visibility (fog, etc.)  | 29.0        | 2         |
| Departure | Anacortes | Friday Harbor | WZ Weather: Accumulated delay due to earlier weather issue(s)                 | 25.0        | 1         |
|           |           |               | <b>Average Minutes Late / Total Trips</b>                                     | <b>22.9</b> | <b>42</b> |

### Mukilteo / Clinton

| Arrival or Departure | From Terminal Name | ToTerminal Name | Late Reason Full Desc                     | Minutes Late | Late Count |
|----------------------|--------------------|-----------------|---|--------------|------------|
| Departure            | Mukilteo           | Clinton         | TA Traffic Issues: Heavy traffic          | 11.0         | 1          |
| Departure            | Mukilteo           | Clinton         | IC Incidents: Vehicle Stalled             | 13.0         | 1          |
|                      |                    |                 | <b>Average Minutes Late / Total Trips</b> | <b>12.0</b>  | <b>2</b>   |

### Chetzemoka

#### Port Townsend / Keystone

| Arrival or Departure | From Terminal Name | ToTerminal Name | Late Reason Full Desc   | Minutes Late | Late Count |
|----------------------|--------------------|-----------------|---|--------------|------------|
| Departure            | Keystone           | Port Townsend   | TZ Traffic Issues: Accumulated delay due to earlier traffic issues(s) | 24.7         | 3          |
| Departure            | Keystone           | Port Townsend   | WZ Weather: Accumulated delay due to earlier weather issue(s)         | 18.0         | 1          |
| Departure            | Keystone           | Port Townsend   | WB Weather: Winds   | 37.0         | 2          |
| Departure            | Port Townsend      | Keystone        | TZ Traffic Issues: Accumulated delay due to earlier traffic issues(s) | 25.0         | 3          |
| Departure            | Port Townsend      | Keystone        | WB Weather: Winds   | 31.0         | 2          |
|                      |                    |                 | <b>Average Minutes Late / Total Trips</b>                             | <b>27.5</b>  | <b>11</b>  |

### Elwha

#### Anacortes / San Juan Islands

| Arrival or Departure | From Terminal Name | ToTerminal Name | Late Reason Full Desc   | Minutes Late | Late Count |
|----------------------|--------------------|-----------------|---|--------------|------------|
| Departure            | Anacortes          | Friday Harbor   | WB Weather: Winds   | 16.0         | 1          |
| Departure            | Anacortes          | Shaw Island     | TZ Traffic Issues: Accumulated delay due to earlier traffic issues(s) | 16.0         | 1          |
| Departure            | Anacortes          | Shaw Island     | TA Traffic Issues: Heavy traffic                                      | 19.8         | 4          |
| Departure            | Anacortes          | Shaw Island     | WB Weather: Winds   | 38.0         | 3          |
| Departure            | Orcas Island       | Anacortes       | TZ Traffic Issues: Accumulated delay due to earlier traffic issues(s) | 18.5         | 4          |
| Departure            | Orcas Island       | Anacortes       | WB Weather: Winds   | 46.0         | 3          |
| Departure            | Shaw Island        | Anacortes       | TZ Traffic Issues: Accumulated delay due to earlier traffic issues(s) | 20.0         | 2          |
| Departure            | Shaw Island        | Anacortes       | TA Traffic Issues: Heavy traffic                                      | 21.0         | 1          |
| Departure            | Shaw Island        | Anacortes       | WB Weather: Winds   | 49.0         | 2          |
| Departure            | Shaw Island        | Orcas Island    | TZ Traffic Issues: Accumulated delay due to earlier traffic issues(s) | 20.3         | 3          |
| Departure            | Shaw Island        | Orcas Island    | TA Traffic Issues: Heavy traffic                                      | 21.0         | 1          |
| Departure            | Shaw Island        | Orcas Island    | WB Weather: Winds   | 51.3         | 3          |
|                      |                    |                 | <b>Average Minutes Late / Total Trips</b>                             | <b>29.7</b>  | <b>28</b>  |

## Anacortes / Sidney B.C.

| Arrival or Departure                      | From Terminal Name | To Terminal Name | Late Reason Full Desc   | Minutes Late | Late Count |
|---|--------------------|------------------|---|--------------|------------|
| Departure                                 | Sidney             | Friday Harbor    | PX Procedural Problems: Other, including unscheduled stops, extra run, deadhead trips, etc. | 19.0         | 1          |
| <b>Average Minutes Late / Total Trips</b> |                    |                  |   | <b>19.0</b>  | <b>1</b>   |

## Hyak

### Anacortes / San Juan Islands

| Arrival or Departure                      | From Terminal Name | To Terminal Name | Late Reason Full Desc   | Minutes Late | Late Count |
|---|--------------------|------------------|---|--------------|------------|
| Departure                                 | Lopez Island       | Friday Harbor    | PA Procedural Problems: Vessel congestion at dock                             | 23.5         | 2          |
| Departure                                 | Lopez Island       | Friday Harbor    | WZ Weather: Accumulated delay due to earlier weather issue(s)                 | 32.0         | 1          |
| Departure                                 | Lopez Island       | Friday Harbor    | WB Weather: Winds   | 18.0         | 1          |
| Departure                                 | Lopez Island       | Anacortes        | TZ Traffic Issues: Accumulated delay due to earlier traffic issues(s)         | 16.0         | 1          |
| Departure                                 | Lopez Island       | Anacortes        | PZ Procedural Problems: Accumulated delay due to earlier procedural issues(s) | 20.0         | 1          |
| Departure                                 | Lopez Island       | Anacortes        | PA Procedural Problems: Vessel congestion at dock                             | 34.0         | 1          |
| Departure                                 | Lopez Island       | Anacortes        | TX Traffic Issues: Other traffic issue  | 15.0         | 1          |
| Departure                                 | Lopez Island       | Anacortes        | WZ Weather: Accumulated delay due to earlier weather issue(s)                 | 18.7         | 3          |
| Departure                                 | Lopez Island       | Anacortes        | WB Weather: Winds   | 27.0         | 1          |
| Departure                                 | Friday Harbor      | Lopez Island     | TZ Traffic Issues: Accumulated delay due to earlier traffic issues(s)         | 12.0         | 1          |
| Departure                                 | Friday Harbor      | Lopez Island     | TA Traffic Issues: Heavy traffic  | 32.0         | 1          |
| Departure                                 | Friday Harbor      | Lopez Island     | WZ Weather: Accumulated delay due to earlier weather issue(s)                 | 21.0         | 1          |
| Departure                                 | Friday Harbor      | Lopez Island     | WB Weather: Winds   | 27.5         | 2          |
| Departure                                 | Friday Harbor      | Anacortes        | PZ Procedural Problems: Accumulated delay due to earlier procedural issues(s) | 24.0         | 1          |
| Departure                                 | Friday Harbor      | Anacortes        | TA Traffic Issues: Heavy traffic  | 20.0         | 1          |
| Departure                                 | Friday Harbor      | Anacortes        | WB Weather: Winds   | 12.0         | 1          |
| Departure                                 | Anacortes          | Lopez Island     | TA Traffic Issues: Heavy traffic  | 19.5         | 2          |
| Departure                                 | Anacortes          | Lopez Island     | PA Procedural Problems: Vessel congestion at dock                             | 36.0         | 1          |
| Departure                                 | Anacortes          | Lopez Island     | WZ Weather: Accumulated delay due to earlier weather issue(s)                 | 21.0         | 2          |
| Departure                                 | Anacortes          | Friday Harbor    | TA Traffic Issues: Heavy traffic  | 13.0         | 1          |
| Departure                                 | Anacortes          | Friday Harbor    | IZ Incidents: Accumulated delay due to earlier incidents(s)                   | 12.0         | 1          |
| Departure                                 | Anacortes          | Friday Harbor    | TX Traffic Issues: Other traffic issue  | 13.0         | 1          |
| Departure                                 | Anacortes          | Friday Harbor    | WA Weather: Tides   | 12.0         | 1          |
| Departure                                 | Anacortes          | Friday Harbor    | WB Weather: Winds   | 22.0         | 2          |
| Departure                                 | Anacortes          | Friday Harbor    | PH Procedural Problems: Right-of-way yield, etc.                              | 30.0         | 1          |
| <b>Average Minutes Late / Total Trips</b> |                    |                  |   | <b>21.3</b>  | <b>32</b>  |

## Issaquah

### Faultleroy / Southworth

| Arrival or Departure                      | From Terminal Name | To Terminal Name | Late Reason Full Desc   | Minutes Late | Late Count |
|---|--------------------|------------------|---|--------------|------------|
| Departure                                 | Southworth         | Faultleroy       | TZ Traffic Issues: Accumulated delay due to earlier traffic issues(s) | 33.0         | 1          |
| Departure                                 | Southworth         | Faultleroy       | TA Traffic Issues: Heavy traffic                                      | 33.0         | 1          |
| Departure                                 | Faultleroy         | Southworth       | TZ Traffic Issues: Accumulated delay due to earlier traffic issues(s) | 17.0         | 1          |
| <b>Average Minutes Late / Total Trips</b> |                    |                  |   | <b>27.7</b>  | <b>3</b>   |

### Faultleroy / Vashon

| Arrival or Departure                      | From Terminal Name | To Terminal Name | Late Reason Full Desc   | Minutes Late | Late Count |
|---|--------------------|------------------|---|--------------|------------|
| Departure                                 | Faultleroy         | Vashon Island    | TZ Traffic Issues: Accumulated delay due to earlier traffic issues(s)         | 28.8         | 4          |
| Departure                                 | Faultleroy         | Vashon Island    | PZ Procedural Problems: Accumulated delay due to earlier procedural issues(s) | 13.0         | 1          |
| Departure                                 | Faultleroy         | Vashon Island    | IX Incidents: Other Incident (lost keys, police activity, etc.)               | 17.0         | 1          |
| Departure                                 | Faultleroy         | Vashon Island    | PA Procedural Problems: Vessel congestion at dock                             | 12.0         | 2          |
| Departure                                 | Faultleroy         | Vashon Island    | IZ Incidents: Accumulated delay due to earlier incidents(s)                   | 24.0         | 1          |
| Departure                                 | Faultleroy         | Vashon Island    | TX Traffic Issues: Other traffic issue  | 14.0         | 1          |
| Departure                                 | Faultleroy         | Vashon Island    | MZ Mechanical Issues: Accumulated delay due to earlier mechanical issue(s)    | 15.0         | 1          |
| Departure                                 | Vashon Island      | Faultleroy       | TZ Traffic Issues: Accumulated delay due to earlier traffic issues(s)         | 30.0         | 2          |
| Departure                                 | Vashon Island      | Faultleroy       | IX Incidents: Other Incident (lost keys, police activity, etc.)               | 17.0         | 1          |
| Departure                                 | Vashon Island      | Faultleroy       | TA Traffic Issues: Heavy traffic  | 11.0         | 1          |
| Departure                                 | Vashon Island      | Faultleroy       | MM Mechanical Issues: Terminal dock closure                                   | 13.5         | 2          |
| Departure                                 | Vashon Island      | Faultleroy       | IC Incidents: Vehicle Stalled   | 11.0         | 1          |
| Departure                                 | Vashon Island      | Faultleroy       | IZ Incidents: Accumulated delay due to earlier incidents(s)                   | 26.5         | 2          |
| Departure                                 | Vashon Island      | Faultleroy       | TX Traffic Issues: Other traffic issue  | 30.0         | 1          |
| <b>Average Minutes Late / Total Trips</b> |                    |                  |   | <b>20.5</b>  | <b>21</b>  |

### Southworth / Vashon

| Arrival or Departure                      | From Terminal Name | To Terminal Name | Late Reason Full Desc  | Minutes Late | Late Count |
|---|--------------------|------------------|--|--------------|------------|
| Departure                                 | Southworth         | Vashon Island    | IX Incidents: Other Incident (lost keys, police activity, etc.)            | 11.0         | 1          |
| Departure                                 | Southworth         | Vashon Island    | TA Traffic Issues: Heavy traffic   | 25.0         | 1          |
| Departure                                 | Southworth         | Vashon Island    | IA Incidents: Medical Incident   | 20.0         | 2          |
| Departure                                 | Southworth         | Vashon Island    | TX Traffic Issues: Other traffic issue                                     | 11.0         | 1          |
| Departure                                 | Southworth         | Vashon Island    | MZ Mechanical Issues: Accumulated delay due to earlier mechanical issue(s) | 11.0         | 1          |
| Departure                                 | Vashon Island      | Southworth       | TA Traffic Issues: Heavy traffic   | 33.0         | 1          |
| Departure                                 | Vashon Island      | Southworth       | MM Mechanical Issues: Terminal dock closure                                | 16.0         | 2          |
| <b>Average Minutes Late / Total Trips</b> |                    |                  |  | <b>18.1</b>  | <b>9</b>   |

**Kaleetan  
Seattle / Bremerton**

| Arrival or Departure                      | From Terminal Name | ToTerminal Name    | Late Reason Full Desc   | Minutes Late | Late Count |
|---|--------------------|--------------------|---|--------------|------------|
| Departure                                 | Colman Dock - P 52 | Bremerton          | WY Weather: Visibility (fog, etc.)                            | 13.0         | 1          |
| Departure                                 | Colman Dock - P 52 | Bremerton          | WZ Weather: Accumulated delay due to earlier weather issue(s) | 16.0         | 1          |
| Departure                                 | Colman Dock - P 52 | Bremerton          | WB Weather: Winds   | 17.0         | 1          |
| Departure                                 | Bremerton          | Colman Dock - P 52 | IZ Incidents: Accumulated delay due to earlier incidents(s)   | 12.0         | 1          |
| Departure                                 | Bremerton          | Colman Dock - P 52 | WY Weather: Visibility (fog, etc.)                            | 17.0         | 1          |
| Departure                                 | Bremerton          | Colman Dock - P 52 | WZ Weather: Accumulated delay due to earlier weather issue(s) | 23.0         | 1          |
| Departure                                 | Bremerton          | Colman Dock - P 52 | MX Mechanical Issues: Other vessel mechanical problem         | 13.0         | 2          |
| <b>Average Minutes Late / Total Trips</b> |                    |                    |   | <b>15.5</b>  | <b>8</b>   |

**Kitsap  
Mukilteo / Clinton**

| Arrival or Departure                      | From Terminal Name | ToTerminal Name | Late Reason Full Desc         | Minutes Late | Late Count |
|---|--------------------|-----------------|-------------------------------|--------------|------------|
| Departure                                 | Mukilteo           | Clinton         | IC Incidents: Vehicle Stalled | 12.0         | 2          |
| <b>Average Minutes Late / Total Trips</b> |                    |                 |                               | <b>12.0</b>  | <b>2</b>   |

**Seattle / Bremerton**

| Arrival or Departure                      | From Terminal Name | ToTerminal Name    | Late Reason Full Desc   | Minutes Late | Late Count |
|---|--------------------|--------------------|---|--------------|------------|
| Departure                                 | Colman Dock - P 52 | Bremerton          | IX Incidents: Other Incident (lost keys, police activity, etc.) | 24.0         | 1          |
| Departure                                 | Colman Dock - P 52 | Bremerton          | IC Incidents: Vehicle Stalled                                   | 16.0         | 1          |
| Departure                                 | Colman Dock - P 52 | Bremerton          | IZ Incidents: Accumulated delay due to earlier incidents(s)     | 20.0         | 1          |
| Departure                                 | Bremerton          | Colman Dock - P 52 | TA Traffic Issues: Heavy traffic                                | 12.0         | 1          |
| Departure                                 | Bremerton          | Colman Dock - P 52 | IC Incidents: Vehicle Stalled                                   | 24.0         | 1          |
| Departure                                 | Bremerton          | Colman Dock - P 52 | PB Procedural Problems: Vessel substitution Delay               | 12.0         | 1          |
| <b>Average Minutes Late / Total Trips</b> |                    |                    |   | <b>18.0</b>  | <b>6</b>   |

**Klahowya  
Fautleroy / Southworth**

| Arrival or Departure                      | From Terminal Name | ToTerminal Name | Late Reason Full Desc                       | Minutes Late | Late Count |
|---|--------------------|-----------------|---|--------------|------------|
| Departure                                 | Southworth         | Fautleroy       | TA Traffic Issues: Heavy traffic            | 11.0         | 1          |
| Departure                                 | Southworth         | Fautleroy       | MM Mechanical Issues: Terminal dock closure | 13.0         | 1          |
| Departure                                 | Fautleroy          | Southworth      | TA Traffic Issues: Heavy traffic            | 14.0         | 1          |
| <b>Average Minutes Late / Total Trips</b> |                    |                 |   | <b>12.7</b>  | <b>3</b>   |

## Fauntleroy / Vashon

| Arrival or Departure | From Terminal Name | ToTerminal Name | Late Reason Full Desc   | Minutes Late | Late Count |
|----------------------|--------------------|-----------------|---|--------------|------------|
| Departure            | Fauntleroy         | Vashon Island   | TZ Traffic Issues: Accumulated delay due to earlier traffic issues(s)         | 11.0         | 1          |
| Departure            | Fauntleroy         | Vashon Island   | TA Traffic Issues: Heavy traffic  | 15.0         | 2          |
| Departure            | Fauntleroy         | Vashon Island   | IA Incidents: Medical Incident  | 13.5         | 2          |
| Departure            | Fauntleroy         | Vashon Island   | TC Traffic Issues: Schedule abandoned in favor of constant trips              | 22.0         | 1          |
| Departure            | Fauntleroy         | Vashon Island   | TX Traffic Issues: Other traffic issue  | 16.0         | 1          |
| Departure            | Vashon Island      | Fauntleroy      | TZ Traffic Issues: Accumulated delay due to earlier traffic issues(s)         | 14.5         | 2          |
| Departure            | Vashon Island      | Fauntleroy      | PZ Procedural Problems: Accumulated delay due to earlier procedural issues(s) | 12.0         | 1          |
| Departure            | Vashon Island      | Fauntleroy      | PA Procedural Problems: Vessel congestion at dock                             | 14.0         | 2          |
| Departure            | Vashon Island      | Fauntleroy      | IA Incidents: Medical Incident  | 11.0         | 1          |
| Departure            | Vashon Island      | Fauntleroy      | TC Traffic Issues: Schedule abandoned in favor of constant trips              | 12.0         | 1          |
|                      |                    |                 | <b>Average Minutes Late / Total Trips</b>                                     | <b>14.1</b>  | <b>14</b>  |

## Southworth / Vashon

| Arrival or Departure | From Terminal Name | ToTerminal Name | Late Reason Full Desc   | Minutes Late | Late Count |
|----------------------|--------------------|-----------------|---|--------------|------------|
| Departure            | Southworth         | Vashon Island   | TZ Traffic Issues: Accumulated delay due to earlier traffic issues(s)         | 14.0         | 1          |
| Departure            | Southworth         | Vashon Island   | PZ Procedural Problems: Accumulated delay due to earlier procedural issues(s) | 11.0         | 1          |
| Departure            | Southworth         | Vashon Island   | TA Traffic Issues: Heavy traffic  | 13.0         | 1          |
| Departure            | Vashon Island      | Southworth      | TZ Traffic Issues: Accumulated delay due to earlier traffic issues(s)         | 12.0         | 2          |
| Departure            | Vashon Island      | Southworth      | PA Procedural Problems: Vessel congestion at dock                             | 15.0         | 1          |
| Departure            | Vashon Island      | Southworth      | IZ Incidents: Accumulated delay due to earlier incidents(s)                   | 13.0         | 1          |
|                      |                    |                 | <b>Average Minutes Late / Total Trips</b>                                     | <b>12.9</b>  | <b>7</b>   |

## Puyallup

### Edmonds / Kingston

| Arrival or Departure | From Terminal Name | ToTerminal Name | Late Reason Full Desc  | Minutes Late | Late Count |
|----------------------|--------------------|-----------------|--|--------------|------------|
| Departure            | Edmonds            | Kingston        | MM Mechanical Issues: Terminal dock closure                                | 16.0         | 1          |
| Departure            | Edmonds            | Kingston        | IA Incidents: Medical Incident   | 15.0         | 1          |
| Departure            | Edmonds            | Kingston        | MZ Mechanical Issues: Accumulated delay due to earlier mechanical issue(s) | 13.0         | 1          |
| Departure            | Kingston           | Edmonds         | MZ Mechanical Issues: Accumulated delay due to earlier mechanical issue(s) | 11.5         | 2          |
|                      |                    |                 | <b>Average Minutes Late / Total Trips</b>                                  | <b>13.4</b>  | <b>5</b>   |

## Rhododendron

### Pt. Defiance / Tahlequah

| Arrival or Departure | From Terminal Name | ToTerminal Name | Late Reason Full Desc   | Minutes Late | Late Count |
|----------------------|--------------------|-----------------|---|--------------|------------|
| Departure            | Point Defiance     | Tahlequah       | IZ Incidents: Accumulated delay due to earlier incidents(s)     | 20.0         | 2          |
| Departure            | Tahlequah          | Point Defiance  | IX Incidents: Other Incident (lost keys, police activity, etc.) | 13.0         | 1          |
| Departure            | Tahlequah          | Point Defiance  | IZ Incidents: Accumulated delay due to earlier incidents(s)     | 21.0         | 1          |

|           |           |                |  |             |          |
|-----------|-----------|----------------|--|-------------|----------|
| Departure | Tahlequah | Point Defiance | TI Traffic Issues: Sailing cancelled by HQ | 22.0        | 1        |
| Departure | Tahlequah | Point Defiance | ID Incidents: Vehicle stuck on ramp        | 20.0        | 1        |
|           |           |                | <b>Average Minutes Late / Total Trips</b>  | <b>19.3</b> | <b>6</b> |

## Sealth

### Anacortes / San Juan Islands

| Arrival or Departure | From Terminal Name | ToTerminal Name | Late Reason Full Desc   | Minutes Late | Late Count |
|----------------------|--------------------|-----------------|---|--------------|------------|
| Departure            | Lopez Island       | Anacortes       | TZ Traffic Issues: Accumulated delay due to earlier traffic issues(s)         | 13.0         | 1          |
| Departure            | Lopez Island       | Anacortes       | TX Traffic Issues: Other traffic issue  | 21.0         | 1          |
| Departure            | Friday Harbor      | Lopez Island    | TZ Traffic Issues: Accumulated delay due to earlier traffic issues(s)         | 18.0         | 1          |
| Departure            | Anacortes          | Lopez Island    | TZ Traffic Issues: Accumulated delay due to earlier traffic issues(s)         | 11.0         | 1          |
| Departure            | Anacortes          | Lopez Island    | PZ Procedural Problems: Accumulated delay due to earlier procedural issues(s) | 20.0         | 1          |
| Departure            | Anacortes          | Lopez Island    | TX Traffic Issues: Other traffic issue  | 11.0         | 1          |
| Departure            | Anacortes          | Friday Harbor   | TZ Traffic Issues: Accumulated delay due to earlier traffic issues(s)         | 17.0         | 1          |
| Departure            | Anacortes          | Friday Harbor   | TA Traffic Issues: Heavy traffic  | 13.0         | 1          |
|                      |                    |                 | <b>Average Minutes Late / Total Trips</b>                                     | <b>15.5</b>  | <b>8</b>   |

### Fauntleroy / Southworth

| Arrival or Departure | From Terminal Name | ToTerminal Name | Late Reason Full Desc                     | Minutes Late | Late Count |
|----------------------|--------------------|-----------------|---|--------------|------------|
| Departure            | Southworth         | Fauntleroy      | TA Traffic Issues: Heavy traffic          | 12.0         | 1          |
| Departure            | Fauntleroy         | Southworth      | WY Weather: Visibility (fog, etc.)        | 17.0         | 1          |
|                      |                    |                 | <b>Average Minutes Late / Total Trips</b> | <b>14.5</b>  | <b>2</b>   |

### Fauntleroy / Vashon

| Arrival or Departure | From Terminal Name | ToTerminal Name | Late Reason Full Desc   | Minutes Late | Late Count |
|----------------------|--------------------|-----------------|---|--------------|------------|
| Departure            | Fauntleroy         | Vashon Island   | TZ Traffic Issues: Accumulated delay due to earlier traffic issues(s)         | 13.0         | 1          |
| Departure            | Fauntleroy         | Vashon Island   | PZ Procedural Problems: Accumulated delay due to earlier procedural issues(s) | 14.0         | 1          |
| Departure            | Fauntleroy         | Vashon Island   | IC Incidents: Vehicle Stalled   | 13.0         | 1          |
| Departure            | Vashon Island      | Fauntleroy      | PG Procedural Problems: Drills  | 15.0         | 1          |
| Departure            | Vashon Island      | Fauntleroy      | WY Weather: Visibility (fog, etc.)  | 14.0         | 1          |
|                      |                    |                 | <b>Average Minutes Late / Total Trips</b>                                     | <b>13.8</b>  | <b>5</b>   |

### Seattle / Bainbridge Island

| Arrival or Departure | From Terminal Name | ToTerminal Name    | Late Reason Full Desc                     | Minutes Late | Late Count |
|----------------------|--------------------|--------------------|---|--------------|------------|
| Departure            | Colman Dock - P 52 | Bainbridge Island  | TA Traffic Issues: Heavy traffic          | 16.0         | 1          |
| Departure            | Bainbridge Island  | Colman Dock - P 52 | TA Traffic Issues: Heavy traffic          | 12.0         | 1          |
|                      |                    |                    | <b>Average Minutes Late / Total Trips</b> | <b>14.0</b>  | <b>2</b>   |

### Southworth / Vashon

| Arrival or Departure | From Terminal Name | ToTerminal Name | Late Reason Full Desc   | Minutes Late | Late Count |
|----------------------|--------------------|-----------------|---|--------------|------------|
| Departure            | Southworth         | Vashon Island   | PZ Procedural Problems: Accumulated delay due to earlier procedural issues(s) | 12.0         | 1          |
| Departure            | Vashon Island      | Southworth      | PZ Procedural Problems: Accumulated delay due to earlier procedural issues(s) | 12.0         | 1          |
|                      |                    |                 | <b>Average Minutes Late / Total Trips</b>                                     | <b>12.0</b>  | <b>2</b>   |

### Spokane

#### Edmonds / Kingston

| Arrival or Departure | From Terminal Name | ToTerminal Name | Late Reason Full Desc                     | Minutes Late | Late Count |
|----------------------|--------------------|-----------------|---|--------------|------------|
| Departure            | Kingston           | Edmonds         | ID Incidents: Vehicle stuck on ramp       | 14.0         | 1          |
|                      |                    |                 | <b>Average Minutes Late / Total Trips</b> | <b>14.0</b>  | <b>1</b>   |

### Tacoma

#### Seattle / Bainbridge Island

| Arrival or Departure | From Terminal Name | ToTerminal Name    | Late Reason Full Desc   | Minutes Late | Late Count |
|----------------------|--------------------|--------------------|---|--------------|------------|
| Departure            | Colman Dock - P 52 | Bainbridge Island  | TZ Traffic Issues: Accumulated delay due to earlier traffic issues(s) | 21.0         | 1          |
| Departure            | Colman Dock - P 52 | Bainbridge Island  | TA Traffic Issues: Heavy traffic                                      | 15.3         | 4          |
| Departure            | Bainbridge Island  | Colman Dock - P 52 | TZ Traffic Issues: Accumulated delay due to earlier traffic issues(s) | 16.3         | 3          |
| Departure            | Bainbridge Island  | Colman Dock - P 52 | TA Traffic Issues: Heavy traffic                                      | 16.5         | 2          |
| Departure            | Bainbridge Island  | Colman Dock - P 52 | IA Incidents: Medical Incident  | 15.0         | 1          |
| Departure            | Bainbridge Island  | Colman Dock - P 52 | TX Traffic Issues: Other traffic issue                                | 16.0         | 1          |
|                      |                    |                    | <b>Average Minutes Late / Total Trips</b>                             | <b>16.3</b>  | <b>12</b>  |

### Tillikum

#### Faultleroy / Southworth

| Arrival or Departure | From Terminal Name | ToTerminal Name | Late Reason Full Desc                                       | Minutes Late | Late Count |
|----------------------|--------------------|-----------------|---|--------------|------------|
| Departure            | Southworth         | Faultleroy      | MM Mechanical Issues: Terminal dock closure                 | 14.5         | 2          |
| Departure            | Southworth         | Faultleroy      | IZ Incidents: Accumulated delay due to earlier incidents(s) | 20.0         | 1          |
| Departure            | Faultleroy         | Southworth      | MM Mechanical Issues: Terminal dock closure                 | 12.0         | 2          |
| Departure            | Faultleroy         | Southworth      | IZ Incidents: Accumulated delay due to earlier incidents(s) | 24.0         | 1          |
|                      |                    |                 | <b>Average Minutes Late / Total Trips</b>                   | <b>16.2</b>  | <b>6</b>   |

#### Faultleroy / Vashon

| Arrival or Departure | From Terminal Name | ToTerminal Name | Late Reason Full Desc                                       | Minutes Late | Late Count |
|----------------------|--------------------|-----------------|---|--------------|------------|
| Departure            | Faultleroy         | Vashon Island   | TA Traffic Issues: Heavy traffic                            | 15.0         | 4          |
| Departure            | Faultleroy         | Vashon Island   | IA Incidents: Medical Incident                              | 16.0         | 2          |
| Departure            | Faultleroy         | Vashon Island   | IZ Incidents: Accumulated delay due to earlier incidents(s) | 17.0         | 2          |
| Departure            | Vashon Island      | Faultleroy      | TA Traffic Issues: Heavy traffic                            | 16.0         | 1          |
| Departure            | Vashon Island      | Faultleroy      | IA Incidents: Medical Incident                              | 13.0         | 1          |
|                      |                    |                 | <b>Average Minutes Late / Total Trips</b>                   | <b>15.5</b>  | <b>10</b>  |

### Southworth / Vashon

| Arrival or Departure | From Terminal Name | ToTerminal Name | Late Reason Full Desc   | Minutes Late | Late Count |
|----------------------|--------------------|-----------------|---|--------------|------------|
| Departure            | Southworth         | Vashon Island   | IX Incidents: Other Incident (lost keys, police activity, etc.) | 14.0         | 1          |
| Departure            | Southworth         | Vashon Island   | TA Traffic Issues: Heavy traffic                                | 17.3         | 3          |
| Departure            | Southworth         | Vashon Island   | MM Mechanical Issues: Terminal dock closure                     | 12.0         | 1          |
| Departure            | Southworth         | Vashon Island   | IZ Incidents: Accumulated delay due to earlier incidents(s)     | 18.0         | 1          |
| Departure            | Vashon Island      | Southworth      | IX Incidents: Other Incident (lost keys, police activity, etc.) | 14.0         | 1          |
| Departure            | Vashon Island      | Southworth      | TA Traffic Issues: Heavy traffic                                | 20.0         | 2          |
| Departure            | Vashon Island      | Southworth      | MM Mechanical Issues: Terminal dock closure                     | 12.0         | 1          |
|                      |                    |                 | <b>Average Minutes Late / Total Trips</b>                       | <b>16.2</b>  | <b>10</b>  |

### Wenatchee

#### Seattle / Bainbridge Island

| Arrival or Departure | From Terminal Name | ToTerminal Name    | Late Reason Full Desc  | Minutes Late | Late Count |
|----------------------|--------------------|--------------------|--|--------------|------------|
| Departure            | Colman Dock - P 52 | Bainbridge Island  | TA Traffic Issues: Heavy traffic   | 12.0         | 1          |
| Departure            | Colman Dock - P 52 | Bainbridge Island  | MA Mechanical Issues: Vessel propulsion system                             | 100.0        | 1          |
| Departure            | Bainbridge Island  | Colman Dock - P 52 | MZ Mechanical Issues: Accumulated delay due to earlier mechanical issue(s) | 55.0         | 1          |
|                      |                    |                    | <b>Average Minutes Late / Total Trips</b>                                  | <b>55.7</b>  | <b>3</b>   |

### Yakima

#### Anacortes / San Juan Islands

| Arrival or Departure | From Terminal Name | ToTerminal Name | Late Reason Full Desc   | Minutes Late | Late Count |
|----------------------|--------------------|-----------------|---|--------------|------------|
| Departure            | Lopez Island       | Shaw Island     | PZ Procedural Problems: Accumulated delay due to earlier procedural issues(s) | 24.0         | 1          |
| Departure            | Anacortes          | Lopez Island    | PG Procedural Problems: Drills  | 28.0         | 1          |
| Departure            | Orcas Island       | Anacortes       | PZ Procedural Problems: Accumulated delay due to earlier procedural issues(s) | 20.0         | 1          |
| Departure            | Shaw Island        | Anacortes       | PZ Procedural Problems: Accumulated delay due to earlier procedural issues(s) | 20.0         | 1          |
|                      |                    |                 | <b>Average Minutes Late / Total Trips</b>                                     | <b>23.0</b>  | <b>4</b>   |