

MEETING MINUTES
STATE OF WASHINGTON ~ BOARD OF PILOTAGE COMMISSIONERS
April 16, 2026

CLOSED SESSION

A Closed Session of the Board of Pilotage Commissioners was called to order at 11:00 a.m. by Chair Sheri Tonn in the Agate Conference Room, 2901 Third Avenue, Seattle, WA and online via Microsoft Teams to discuss matters relative to the 2026 Marine Pilot Exam.

Present In Person:

Chair: Sheri Tonn

Commissioners: Eleanor Kirtley (Vice Chair), Lee Tyler (Foreign Flag Shipping), Jason Hamilton (Public), Severin Knutsen (Pilot)

Administration: Jaimie Bever, Bettina Maki, Jolene Hamel

Present via Teams:

Commissioners: Mike Anthony (Pilot), Tom Buroker (Ecology), Tim Farrell (Public)

AAG: Albert Wang, Lauren Jaech

Dainis & Co: Amanda Dainis, Michael Maurice, Paige Fischer, Kayla McLean, Charles Nastos

REGULAR MEETING – Call to Order

The Regular Meeting of the Board of Pilotage Commissioners was called to order immediately following the Closed Session by Chair Sheri Tonn in the Agate Conference Room, 2901 Third Avenue, Seattle, WA and online via Microsoft Teams.

Present In Person:

Chair: Sheri Tonn

Commissioners: Eleanor Kirtley (Vice Chair), Lee Tyler (Foreign Flag Shipping), Jason Hamilton (Public), Severin Knutsen (Pilot)

Administration: Jaimie Bever, Bettina Maki, Jolene Hamel

Puget Sound Pilots: Ivan Carlson, Matt Hannuksela, Scott Brewen, Lucas Shuler & Family

Port of Grays Harbor: Mike Folkers, Ryan Leo, Colby Grobschmit, Ryan Campbell & Family

ILWU: Chris Peeler

Present via Teams:

Commissioners: Mike Anthony (Pilot), Tim Farrell (Public), Tom Buroker (Ecology)

AAG: Albert Wang, Lauren Jaech

Puget Sound Pilots: Travis McGrath, Will Kelly, Eric Klapperich

Puget Sound Trainee: Daniel Bolton

Pacific Merchant Shipping Association: Mike Moore, Jordan Royer

UTC: Scott Sevall

Public: Ann LaRue, Kyle Burleson, Lance Breitsprecher, Jake Madison, Bryon Starkey

BPC Staff Report.

- The BPC's annual liability insurance policy is complete and renewed with a slight premium reduction over last year. The BPC thanks Tosca Pinder and Lisa Rhodes with USI for their assistance in the renewal process.
- Commissioners were reminded to make sure their PDC filings were submitted.
- Executive Director Jaimie Bever acknowledged and thanked Chair Tonn and BPC staff over the past week for filling in while she was on vacation.

BPC Chair Report.

- Chair Tonn attended the National Harbor Safety meeting at Bell Harbor and congratulated Patrick Gallagher and staff at Marine Exchange for an excellent meeting.

Activity Reports. Mike Folkers representing the Port of Grays Harbor (PGH), Captain Ivan Carlson representing Puget Sound Pilots (PSP), and Mike Moore representing Pacific Merchant Shipping Association (PMSA) offered current and projected statistical data as well as updates on current maritime issues and activities.

Neither NWSA nor USCG was able to have a representative available to make a report this month.

BPC Program Analyst Bettina Maki provided the monthly dashboard and was available for questions on any of the data provided.

NEW BUSINESS

Cut Score for the Written Examination: The Board's exam consultant Dr. Amanda Dainis, Dainis & Co. presented on the psychometric process for developing and evaluating the 2026 Marine Pilot Written Exam. After reviewing the exam data, Dainis & Co. recommended a Written Exam cut score of 75.

Motion: Kirtley/Hamilton – Adopt the recommendation of 75 as the cut score for the 2026 Marine Pilot Written Exam – Carried.

Determine the Number of Successful Aspirants who will advance to the Simulator Evaluation:

Motion: Kirtley/Hamilton – based on the Written Exam Cut Score of 75, 21 of the 37 aspirants will advance to the Simulator Evaluation – Carried.

Scoring information will be posted on the BPC website and sent by e-mail to all applicants by 4:00pm today, along with further information about the upcoming Simulator Evaluation. The BPC thanks Dainis & Co along with the many pilots who worked on the exam for a successful written exam.

Appoint the Evaluators for the Simulator Evaluation. Simulator Evaluations begin Monday, April 27, 2026.

Motion: Anthony/Hamilton – appoint Captains Sandy Bendixen, Ryan Leo, and Severin Knutsen as Simulator Evaluation Evaluators with Captain Nick Moore as alternate – Carried with Commissioner Knutsen abstaining.

Pilots Report of Incident – *GLOVIS TREASURE*

Commissioner Knutsen presented the BPC Investigation Report and the following information for the incident that took place on the evening of March 30, 2026, during the shifting operation from East Blair 1 to Blair A berth. The bunkering station of the GLOVIS TREASURE caught, and remained in continuous contact with, an abnormally protruding quay cell fender at the Blair berth as the vessel was moving alongside. Puget Sound Pilots have been in communication with the terminal operator regarding the condition of this berth since 2023. There were no injuries and the damage was not significant due to the poor condition of this dock.

Motion: Knutsen/Tyler – file as an incident with damage and no pilot error – carried.

Pilot's Report of Marine Safety Occurrence: *CL DALIAN, 03/15/2026*

Underway from Temco to Pilot Station, just after buoy SF.	At approximately 2010, an alarm in the wheelhouse rang out and the RPMs on the main engine began to decrease. The engine came to Dead-Slow-Ahead and a loose wire was found on the temperature sensor. Within 15 minutes, everything had been corrected, sea speed was resumed, and the rest of the voyage was uneventful.	<u>Motion:</u> Knutsen/Tyler – file as an MSO – Carried.
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Pilot's Report of Marine Safety Occurrence: *APL CHONGQING, 03/18/2026*

Departing East Waterway from SE18 Kinder Morgan	Vessel was outbound running Full Ahead to the pilot station after departing SE 18. The vessel had just turned at SF and the main engine had an alarm and the RPM was reduced to Slow Ahead. Pilot was informed that there was a ME sensor issue. Pilot informed VTS of the reduced propulsion and made ready plans for exiting the TSS and possibly anchoring. 15 minutes later, the ME sensor issue was resolved and the rest of the journey continued without loss of propulsion or further issue.	<u>Motion:</u> Hamilton/Knutsen – file as an MSO – Carried.
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Pilot's Report of Marine Safety Occurrence: *PAN GRACE, 03/24/2026*

Manchester Anchorage #4	Pilot was informed of vessel dragging anchor and proceeded to verify the vessel's position and that the anchor was holding. The distance to the car ship anchored to the north in anchorage #3 was measured. The vessel had dragged approximately 1200' to the north. The anchor had been holding for 35 minutes with 8-shots in the water in a 30 kts wind. The wind was	<u>Motion:</u> Hamilton/Kirtley – file as an MSO – Carried.
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	starting to decrease as forecasted. The two vessels' swing circles were appx 0.25 nm apart. The captain elected not to re-anchor. Pilot reviewed the Harbor Safety Plan's Anchoring Standards of Care with the Captain and discussed options if the vessel dragged again. VTS was updated and the Pilot departed.	
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Pilot's Report of Marine Safety Occurrence: *BELLAVIA*, 03/30/2026

Departing East Waterway from SE18 Kinder Morgan	While preparing to depart SE18-1, the wire on the gangway parted and it fell to the dock, folding the gangway about 1/3 of its distance from the deck swivel. No one was injured. The crew was able to use 2 cranes and bring the gangway back aboard and secure it for transit. This resulted in a delay of 1.3 hrs. The vessel sailed with no other incident and plans to have the gangway fixed in China upon return.	<u>Motion</u> : Knutsen/Anthony – file as an MSO – Carried.
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Pilot's Report of Marine Safety Occurrence: *PLATANOS*, 03/31/2026

Port Angeles enroute to Smith Cove West, Seattle	While underway at sea speed, alarms sounded in wheelhouse. It was determined that a water jacket for the ship's engines cooling system had failed in cylinder #7. After working on it, the engineer reported that the ship's engine temperatures were stabilized and that a shutdown would not be necessary. By this time the vessel had already secured anchorage in Port Angeles and requested an escort tug. <i>Lindsey Foss</i> was tethered and the vessel anchored in Port Angeles without incident.	<u>Motion</u> : Farrell/Knutsen – file as an MSO – Carried.
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Meeting Minutes.

Motion: Kirtley/Tyler – approve the March 19 Regular Meeting Minutes as presented – Carried.

Committee Actions.

Trainee Evaluation Committee (TEC)

- **Consideration of Licensure of PSPD Pilot Candidate: Captain Lucas Shuler.** On behalf of the Trainee Evaluation Committee (TEC), TEC Chair Commissioner Knutsen stated that Captain Lucas Shuler has completed all sections of his Training Program Agreement including successful Portable Piloting Unit (PPU) training and completion of his federal licensing requirements. The Board has received his TPTR Summary and all training comments. Captain Shuler started training in September 2024 and completed 278 trips.

Motion: Knutsen/Buroker – issue Captain Lucas Shuler state pilot license #232 for the Puget Sound Pilotage District – Carried.

- **Consideration of Licensure of PGH Pilot Candidate: Captain Ryan Campbell.** On behalf of the Trainee Evaluation Committee (TEC), TEC Chair Commissioner Knutsen stated that Captain Ryan Campbell has completed all sections of his Training Program Agreement including successful Portable Piloting Unit (PPU) training and completion of his federal licensing requirements. The Board has received his TPTR Summary and all training comments. Captain Campbell started training in April 2025 and completed 158 trips, which is commensurate with the Grays Harbor Training Program.

Motion: Knutsen/Tyler – issue Captain Ryan Campbell state pilot license #20 for the Grays Harbor Pilotage District – Carried.

A 15-minute break followed to allow time for photos and to celebrate the new pilots.

- **Pilot License Upgrade Program: Captain Nick Moore.** TEC Chair Knutsen reported that the TEC met yesterday and reviewed the letter for Captain Moore.
- Motion: Knutsen/Tyler – approve the pilot license upgrade program for Captain Moore – Carried. There are 10 pilots in their upgrading windows currently.
- Yesterday, the TEC met with one trainee who had received an intervention. With the two licensures, there are currently 8 trainees in Puget Sound. Two of those trainees are in Evaluation, and 6 are in Observation and Training. There are no trainees in Grays Harbor. All the trainees are

making good progress, and the TEC expects either one or two to be ready for licensure next month.

- The remaining 3 candidates from the 2024 Pilotage Exam have been invited to start the Training Program in Puget Sound on June 1. All 3 have accepted and their orientation is scheduled for Friday, May 29. Captain Knutsen invited any Commissioner to attend if they would like to learn more about the Training Program.

Exemptions from Pilotage.

Motor Yacht *SOUTHERN WAY* – 114', 218 gt, Cayman Islands registry, Rene Munoz Cabrera.

Motion: Anthony/Hamilton – grant an annual exemption with the conditions of no Deception Pass or Duwamish Waterway – Carried.

Pilot/Trainee Physical Examination Reports.

Motion: Knutsen/Hamilton – approve the pilot physical examination reports for Captains D.S. Anacker, J.M. Miller, N.T. Kelleher, W.R. Kelly and P.L. Velarde for their annual pilot license renewals – Carried.

Motion: Knutsen/Hamilton – approve the pilot pre-licensing physical examination reports for Captains L.M. Shuler and R.L. Campbell for their annual licenses – Carried.

Presentation: LNG Bunkering Barges now Calling in Puget Sound – Seaspan.

Zack Garland, a member of the shoreside operations team for Seaspan, presented to the Board and facilitated a conversation regarding the new LNG bunkering operation for the *STAR PRINCESS* this cruise season.

WAC 363-116-065 Number of Pilots – Review of Stakeholder Submissions and Public Comment.

The conversation about the number of pilots in the Puget Sound Pilotage District began with PSP Executive Director Scott Brewen outlining PSP's submission, which included written materials and a spreadsheet of known vessel traffic changes. Mr. Brewen reminded the Board that the additional 5% on top of the TAL of 123 was intended to cover inconsistencies and variables within the pilotage system. With the adjustment in known vessel traffic changes, PSP adjusted the Board Staff number of assignments from 7,213 to 7,099 and divided that by 123 for 57.7 pilots and then adding 1 for the president and 1 not-fit-for-duty, for a final recommendation of remaining at 60 pilots. Mr. Brewen then asked for any questions.

Commissioner Hamilton asked for clarification on the origin of BPC's call-back key performance indicator of 5%. The response was that it was based on looking at other pilotage districts, specifically San Francisco and Vancouver, B.C. as well as following the fatigue management recommendations presented to the Board in 2017 by Dr. Charles Czeisler.

Commissioner Farrell inquired about anticipated retirements over the next 2 years. PSP did not have specific numbers as it was very difficult to predict with certainty; however, they anticipate 3 retirements by July 2027. It could be more, but it won't be less. BPC Program Analyst Bettina Maki reminded the Commissioners to check the chart she prepared and presented as a part of the January meeting materials, which showed 14 pilots between the ages of 63-67, with 64 being the average age of retirement. Per Commissioner Knutsen, that was why the TEC has been trying to bulk up the training pipeline. Chair Tonn added that because the training program has a maximum of 10 at a time, the key was to spread the trainees out over the period of time it takes to be licensed so that as someone retires, someone is ready to take their place.

Executive Director Jaimie Bever asked about the differences in the projected traffic numbers between the two submissions. Mr. Brewen explained that PSP used the average of the trailing 24 months for the baseline projections and added/subtracted the known changes.

Captain Mike Moore, PMSA was then given the floor to share their submittal. He noted the concern from PMSA's letter that the average number of scheduled on-watch pilots exceeded the average number of assignments per day by about 8. PMSA's expectation, based on this data point, was that there should be enough pilots available to cover most of the demand. He also mentioned that the number of pilots conversation was happening parallel to PSP's rate case with the UTC, which Captain Moore believed was leading to some comingling of information between the two cases. He appreciated that BPC staff looked at the trailing 12 as well as the trailing 24, in that the trailing 12 was more indicative of the current

pilot demand. He noted that PMSA is projecting 6,972 assignments per year. He concluded by urging the Board to be consistent and use the same methodology used in the 2024 decision. He then asked for questions.

Ms. Bever asked how the Board's goal of getting down to 5% or less call-backs was taken into consideration in PMSA's proposal, especially given that the current number was around 10-11%. Captain Moore reminded everyone of PMSA's concerns about what causes so many call-backs and believed that the only way to really get to that answer was for the Board to look at data on a daily basis, matching up a schedule for watch, looking at actual daily availability versus actual demand, and make determinations about primary causes of delays or call-backs from that information. He believed there was more room for efficiency.

Regarding traffic projections, Captain Moore mentioned the UTC bench request response regarding vessel traffic that was recently filed by PSP and strongly suggested that the Board take a look at that information, as he believed it more closely tied to his presentation than what PSP presented by averaging numbers. Captain Ivan Carlson, PSP, reminded Captain Moore that the PSP bench request was a different time period than what was being presented today.

Commissioner Kirtley acknowledged that while the analyses received from both PMSA and PSP were coming from various different angles, they all came to roughly the same conclusion, that the number being considered from both sides was 59 or 60 authorized pilots. Commissioner Hamilton found PMSA's 20-year, 10-year, 5-year data all helpful.

Commissioner Farrell thanked PMSA and PSP for all the information and agreed with fellow Commissioners that using large chunks of data was helpful for big picture illumination. He added that what concerned him most was that the proposal at the UTC from the pilots was to fund a certain number of pilots, which would be based on how many are authorized by the Board. He worried that the UTC would fund a certain number of pilots and that the Board wouldn't be able to license that many. He didn't want to burden the system with additional costs. Commissioner Knutsen reminded everyone that economic regulation was not under the BPC's authority. It was the Board's job to maintain the training pipeline by predicting the number of pilots in order to start trainees in the program. If the Board tried to counteract a responsibility that was not theirs, it could lead to a shortage of pilots. The conversation continued discussing the UTC and BPC processes and the duties of the BPC regarding safety, efficiency, and regulation. There were 2 proposals currently with the UTC: one to fund the actual number of licensed pilots and one to fund the number of authorized licenses. At the time of the meeting, it was unclear which option the UTC would choose.

Chair Tonn stopped the conversation when it was apparent that the discussion had crossed into territory leading to the vote, which is scheduled to take place at the May 21 meeting. She asked for public comment, of which there was none, and then asked PSP and PMSA to summarize their positions in one or two minutes.

Mr. Brewen stated that PSP followed the Board's direction to look at the trailing 24 months and then adjust the number of assignments by what is known and measurable. PSP concluded that the Board should maintain the current number of authorized pilots at 60.

Captain Moore noted that the February 2026 trailing 12 assignment count and the PMSA assignment forecast are both below the assignment range that the current number of pilots is based on. He added that the BPC had done a great job managing the pilotage pipeline. He also encouraged the Board to look at PSP's bench request response, as he had stated earlier.

Committee Updates.

Oil Transportation Safety Committee (OTSC)

- The next committee meeting is Monday, April 20 to finalize voluntary mitigation measures recommendations, which the Board will consider at the May 16 meeting.

Pilot Safety Committee (PSC)

- Commissioner Kirtley advised that co-chair Captain John Scragg attended his last meeting of the PSC. The PSC will have a replacement recommendation at the May meeting.
- The committee reviewed rest exceptions and noncompliant transfer arrangements.
- The approved minutes from the previous meeting were made available to the Board in the meeting materials.

Pilotage Act Advisory Committee (PAAC)

- The next committee meeting is April 22 to look at the pros and cons of RCW language options.

Terminal Operations Work Group (TOWG)

- The next work group meeting is May 13.

Diversity, Equity, and Inclusion Committee (DEIC)

- The DEIC had a great meeting and began scratching the surface on goals and priorities for work in 2026 and 2027.
- The committee will meet again on May 18.

Pilot Exam Committee (PEC)

- Congratulations to the Pilot Exam Committee on nearing completion of the 2026 Marine Pilot Exam process.
- Chair Tonn reminded Board members about the opportunity to observe the Simulator Evaluations and that a schedule will be prepared for sign up. They were directed to notify Jolene Hamel if they were interested.

Confirmation of Next Regular Meeting Dates. Chair Tonn reminded everyone that the next meetings will be May 21 and then June 18 at 11:00am. BPC Regular Meetings continue to be hybrid, and all are invited and encouraged to attend in person or online.

Public Comment. Chair Tonn asked for public comment, and none was offered by the public. Chair Tonn then announced that the Board would be going back into closed session to finalize one last issue regarding the Pilot Training Program.

CLOSED SESSION

A second Closed Session of the Board of Pilotage Commissioners was called to order at 3:30 p.m. by Chair Sheri Tonn online and in person via Microsoft Teams to discuss matters relative to the Pilot Training Program.

Present In person:

Chair: Sheri Tonn

Commissioners: Eleanor Kirtley (Vice Chair), Lee Tyler (Foreign Flag Shipping), Jason Hamilton (Public), Severin Knutsen (Pilot)

Administration: Jaimie Bever, Bettina Maki, Jolene Hamel

Present via Teams:

Commissioners: Mike Anthony (Pilot), Tom Buroker (Ecology), Tim Farrell (Public)

AAG: Albert Wang, Lauren Jaech

OPEN SESSION

The Open Session of the Board of Pilotage Commissioners reconvened at 3:50 p.m. by Chair Sheri Tonn online and in person via Microsoft Teams to discuss matters relative to the Pilot Training Program.

Motion: Kirtley/Tyler – authorize the BPC staff to send a letter to a trainee recognizing the feedback from the TEC – Carried.

Adjourn. The meeting was adjourned by Chair Tonn at 3:50 p.m.

Respectfully submitted,

Jaimie C. Bever, Executive Director

Sheri J. Tonn, Chair

Eleanor Kirtley, Vice Chair

Commissioner Andrew Drennen

Commissioner Severin Knutsen

Commissioner Jason R. Hamilton

Commissioner Timothy J. Farrell

Commissioner Lee Tyler

Commissioner Michael Anthony

Commissioner Tom Buroker

WASHINGTON STATE
BOARD OF PILOTAGE COMMISSIONERS
MEETING AGENDA

April 16, 2026

2901 3rd Avenue, Seattle, WA 98121 – 1st Floor Agate Conference Room
and

Via Teams #206.531.0324, participation code: 356921671#

[Join the meeting now](#)

(Public comment accepted at the discretion of the Chair and prior to the end of the meeting)

1100 hours Call to order

CLOSED SESSION

Consideration of Matters Relative to the 2026 Marine Pilot Examination

1200 hours Call to order

REGULAR MEETING

1. BPC Staff Report
2. BPC Chair Report
3. Activity Reports (5 minutes each)
 - a. Port of Grays Harbor (PGH)
 - b. Puget Sound Pilots (PSP)
 - c. The Northwest Seaport Alliance (NWSA)
 - d. Pacific Merchant Shipping Association (PMSA)
 - e. U.S. Coast Guard (USCG)

NEW BUSINESS (Public comment accepted)

4. Board Action – Presentation by Dainis & Company, Exam Consultant
 - i. Board Action – Cut Score for the Written Examination
 - ii. Board Action – Determine Number of Successful Applicants who will advance to Simulator Evaluation
 - iii. Board Action - Appoint Simulator Evaluators
5. Pilot's Report of Incident *GLOVIS TREASURE* 3/30/26
6. Board Action – MSOs
 - a. *CL DALIAN* 03/15/2026 PS
 - b. *APL CHONGQING* 03/19/2026 PS
 - c. *PAN GRACE* 03/24/2026 PS
 - d. *BELLAVIA* 03/30/2026 PS
 - e. *PLATANOS* 03/31/2026 PS
7. Board Action – March 19, 2026 Regular Meeting Minutes
8. Board Action – Committee Recommendations:
 - a. Trainee Evaluation Committee (TEC)
 - i. Board Action – Consideration of Licensure of PSP Candidate: Captain Lucas Shuler
 - ii. Board Action – Consideration of Licensure of GH Candidate: Captain Ryan Campbell

15-MINUTE BREAK

- iii. Board Action – Pilot License Upgrade Program: Captain Nicholas Moore
 - iv. Other Committee Updates
 - b. Pilot Safety Committee (PSC)
 - i. Board Action – Committee Membership & Co-Chair Recommendation
 - ii. Other Committee Updates
- 9. Board Action – Request for Vessel Exemption:
 - a. Motor Yacht *SOUTHERN WAY* Returning (114 FT, 218 GT)
- 10. Board Action – Pilot/Trainee Physical Examination Reports
- 11. 1345-1355: Presentation: LNG Bunkering Barges now Calling in Puget Sound - Seaspan
- 12. WAC 363-116-065 Number of Pilots – Review of Stakeholder Input and Public Comment
- 13. Committee & Work Group Reports:
 - a. Oil Transportation Safety Committee (OTSC)
 - b. Pilotage Act Advisory Committee (PAAC)
 - c. Terminal Operations Work Group (TOWG)
 - d. Diversity, Equity, and Inclusion Committee (DEIC)
 - e. Pilot Exam Committee (PEC)
- 14. Upcoming Meeting Dates:

Thursday, May 21, 2026 at 1100 – Regular Meeting (Hybrid – Teams/2901 Building)	Thursday, June 18, 2026 at 1100 – Regular Meeting (Hybrid – Teams/2901 Building)
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- 15. Public Comment
- 16. Adjourn



STATE OF WASHINGTON

BOARD OF PILOTAGE COMMISSIONERS

2901 Third Avenue, Suite 500 | Seattle, Washington 98121 | (206) 515-3904 | <https://pilotage.wa.gov>

NOTICE OF MONTHLY BOARD MEETING & CLOSED SESSION

**Thursday
April 16, 2026**

**1100 – Closed Session
1200 – Regular Meeting**

Dial In:
206.531.0324
356921671#

Video Link:
[Join the meeting now](#)

*If you are a person with a
disability and need special
accommodations, please contact
Jolene Hamel at
Jolene.Hamel@wsdot.wa.gov or
206.515.3904*

Meeting Materials are posted to our [website](#) (meetings tab) at least 24 hours in advance of each Board Meeting

Port of Grays Harbor

Pilotage Report

April 16, 2026

Pilotage Activity

There were a total of 14 arrivals in March (7 dry bulkers, 1 liquid bulker and 6 RoRo's). This equated to 42 jobs. For comparison last year, there were 9 arrivals for a total of 28 jobs in February.

Year to date through February there have been 33 arrivals for a total of 98 jobs.

The April has 6 arrivals, 4 dry bulkers and 2 RoRo's, so far on the board.

PUGET SOUND PILOTAGE DISTRICT ACTIVITY REPORT

Mar-2026

The Board of Pilotage Commissioners (BPC) requests the following information be provided to the BPC staff **no later than two working days prior to a BPC meeting** to give Commissioners ample time to review and prepare possible questions regarding the information provided.

Activity

Total pilotage assignments:	596				Cancellations:	17				
Total ship moves:	579	Cont'r:	157	Tanker:	208	Genl/Bulk:	117	Other:	97	
Assignments delayed due to unavailable rested pilot:			10			Total delay time:	28.5	hours		
Assignments delayed for efficiency reasons:			13			Total delay time:	29.5	hours		
Billable delays by customers:			29			Total delay time:	72	hours		
Order time changes by customers:			129							
2 pilot jobs:	33	Reason:	PSP GUIDELINES FOR RESTRICTED WATERWAYS							
Day of week & date of highest number of assignments:				TUE 3/3, TUE 3/17, FRI 3/27					29	
Day of week & date of lowest number of assignments:				THU 3/5, WED 3/25					10	
Total number of pilot repositions:	107	Upgrade trips	12	YTD	31					
3 consecutive night assignments:	27	YTD	79							

Callback Days/Comp Days

	Starting Total	Call Backs (+)	Used (-)	Burned (-)	Ending Total
Licensed	2238	60	35		2263
Unlicensed	218			14	204
Total	2456				2467

On watch assignments	530	Call back assignments	66	CBJ ratio	11.07%
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Pilots Out of Regular Dispatch Rotation (pilot not available for dispatch during "regular" rotation)

A. Training & Continuing Education Programs

Start Dt	End Dt	City	Facility	Program Description	Pilot Attendees		
16-Mar	16-Mar	Seattle	MITAGS	Azipod Refresher	ANT, BEN, GAL, KAL, MYE		
17-Mar	17-Mar	Seattle	MITAGS	Azipod Refresher	CAW, LOB, MIL, MYE*		
18-Mar	18-Mar	Seattle	MITAGS	Tanker Escort	BOU*, MAN, MIJ, WOH		
1-Mar	31-Mar			Upgrade Assignments On Duty	BOS(2on*), FLE*, MIE(2on*)		
1-Mar	31-Mar			Upgrade Assignments Off Duty	HOA, KEW, MAM(4off), MAN		
					* On Watch	Off Watch	** paired to assign.
					7	18	

B. Board, Committee & Key Government Meetings (BPC, PSP, USCG, USACE, Port & similar)

Start Dt	End Dt	City	Group	Meeting Description	Pilot Attendees
1-Mar	1-Mar	Seattle	BPC	BPC Exam Prep	MOO*
1-Mar	14-Mar	Seattle	PSP	Rate Committee	MCG(12on*, 2off)
1-Mar	5-Mar	Seattle	PSP	President	GRK(5off)
2-Mar	2-Mar	Seattle	BPC	BPC Exam Prep	BEN*, MAN
2-Mar	2-Mar	Seattle	BPC	BPC OTSC	BOU

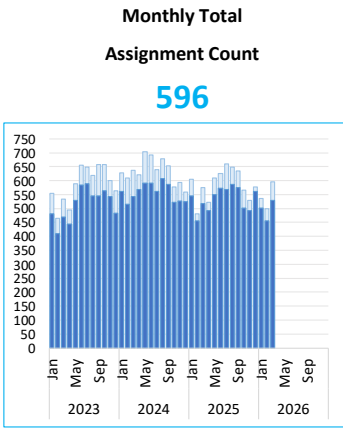
Start Dt	End Dt	City	Group	Meeting Description	Pilot Attendees		
3-Mar	3-Mar	Seattle	BPC	BPC Exam Prep	MAM*		
3-Mar	5-Mar	San Francisco	PSP	West Coast Pilots Conference	HAM(1on*,2off)		
4-Mar	4-Mar	Seattle	PSP	UTC	KLA		
6-Mar	14-Mar	Seattle	PSP	President	HAM(9on*)		
10-Mar	10-Mar	Bellevue	PSP	UTC	KLA		
12-Mar	12-Mar	Vallejo	PSP	Outreach, Cal Maritime	BEN(4off), NIN(3on*,1off)		
15-Mar	17-Mar	Lacey	PSP	UTC	KLA(3off), MCG(3off)		
15-Mar	15-Mar	Seattle	PSP	President, UTC	HAM*		
16-Mar	17-Mar	Lacey	PSP	UTC	HAM(2on*)		
16-Mar	22-Mar	Seattle	PSP	President	GRK(7on*)		
17-Mar	17-Mar	Seattle	BPC	Clipper Race Exemption	ANT, KNU		
18-Mar	18-Mar	Seattle	PSP	Rate Committee	MCG		
18-Mar	18-Mar	Seattle	BPC	TEC	BOZ		
18-Mar	18-Mar	Seattle	BPC	BPC Exam Review, TEC	ANT, KNU		
18-Mar	18-Mar	Seattle	BPC	BPC Prep	ANT, HAM*, KNU		
19-Mar	19-Mar	Seattle	BPC	BPC Exam Review, BPC	ANT, KNU		
20-Mar	20-Mar	Seattle	PSP	Outreach, Quiet Sound ORCA	KAL		
20-Mar	20-Mar	Seattle	PSP	Pilot Boat	ROU**		
23-Mar	23-Mar	Seattle	PSP	BOD Agenda Prep	HAM		
23-Mar	23-Mar	Seattle	PSP	BOD Agenda Prep, President	GRK*		
24-Mar	24-Mar	Seattle	PSP	President	GRK*		
24-Mar	24-Mar	Seattle	PSP	National Harbor Safety Conference	COL*, HAM, KAL, KLA, STA*		
24-Mar	24-Mar	Seattle	BPC	BPC Prep	KNU*, MOO		
24-Mar	24-Mar	Port Angeles	PSP	Tsunami Drill	COR*, RID*		
25-Mar	25-Mar	Seattle	PSP	National Harbor Safety Conference	COL, KAL, KLA, STA*		
25-Mar	25-Mar	Seattle	PSP	Natl HBR Safety, President	HAM		
26-Mar	29-Mar	Seattle	PSP	President	HAM(4off)		
26-Mar	26-Mar	Seattle	PSP	Safe Practices	BOU*, COL, JEN, MIJ, MOO, SEM*		
26-Mar	26-Mar	Seattle	PSP	Outreach	MEL		
29-Mar	31-Mar	Lithicum Md	PSP	Outreach	MEL(1on*, 2off)		
30-Mar	31-Mar	Seattle	BPC	BPC Exam Prep	BEN(1on*,1off), KNU(2on*), MOO(2on*)		
31-Mar	31-Mar	Seattle	PSP	BOD	BOS, GRK, HAM, KEP, MCG*,MIL		
					* On Watch	Off Watch	** paired to assign.
					56	61	1
Safety/Regulatory							
Outreach							
Administrative							
C. Other (i.e. injury, not-fit-for-duty status, COVID risk							
Start Dt	End Dt	REASON	PILOT				
1-Mar	31-Mar	NFFD	LOB				
4-Mar	31-Mar	NFFD	VON				
Trailing 24 months revenue assignments 14,383							
Call back job ratio during the last 24 months (April 2024-March 2026) 9.73%							

Puget Sound District
Activity Report Dashboard
2026 March

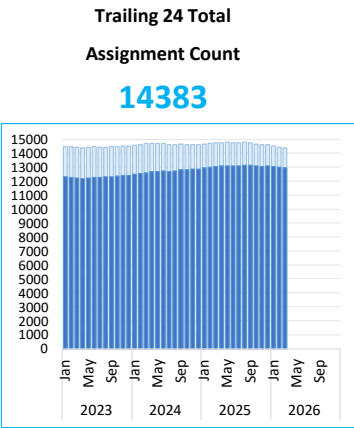
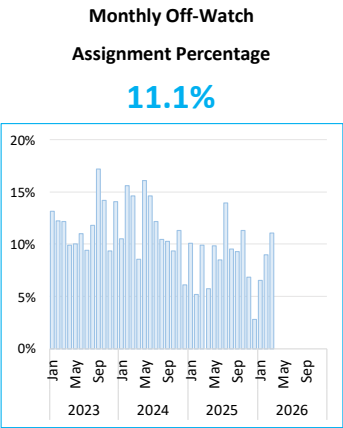
PS District
Trainees
9

Licensed Pilots
Including President
56

No changes since October 2025.



530 On-Watch (dk blue), 66 Off-Watch (lt blue)



12985 On-Watch (dk blue), 1398 Off-Watch (lt blue)

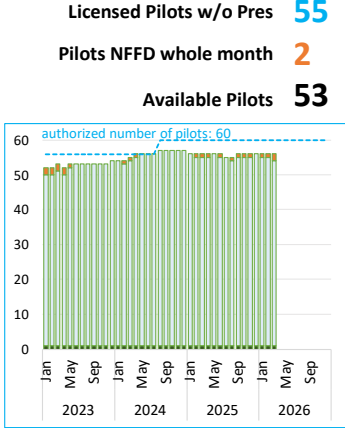
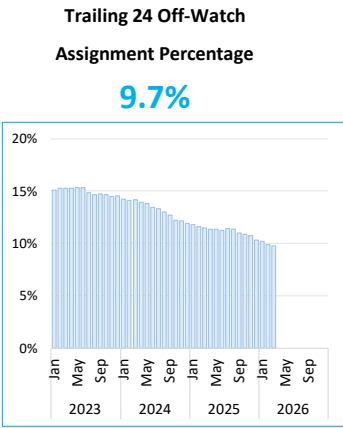
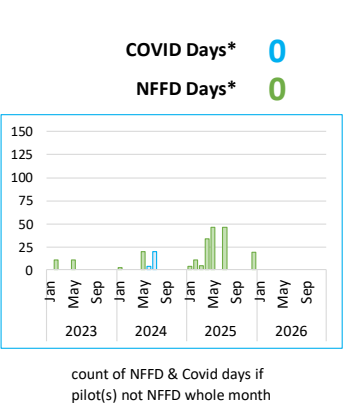
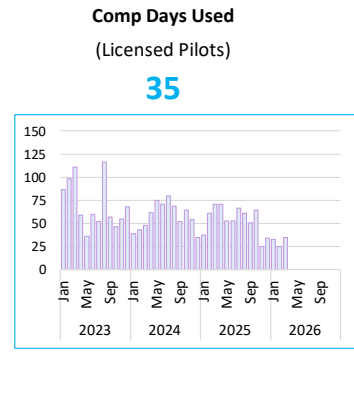
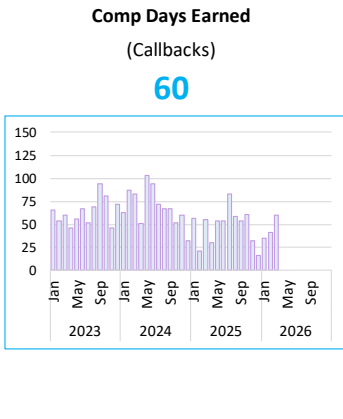
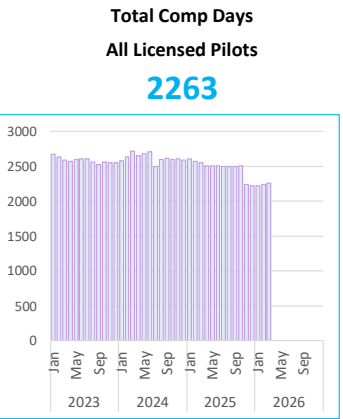
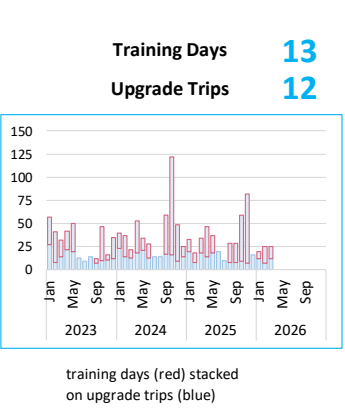


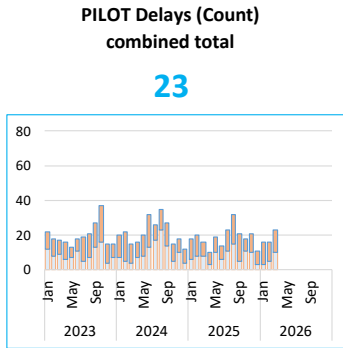
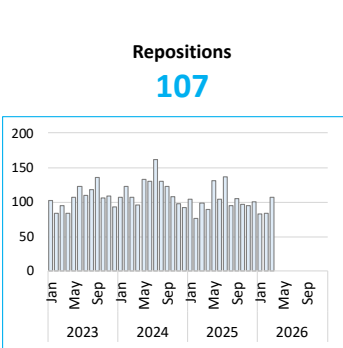
chart also includes president (1 pilot)



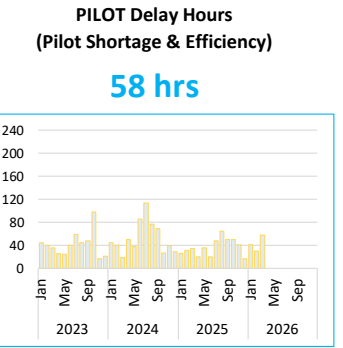
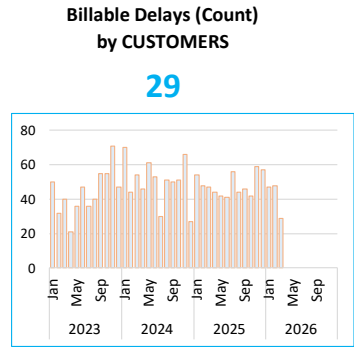
count of NFFD & Covid days if
pilot(s) not NFFD whole month



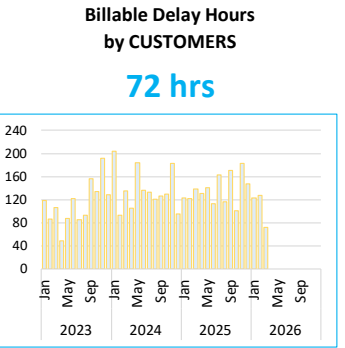
training days (red) stacked
on upgrade trips (blue)



efficiency delay counts stacked on top
of pilot shortage delay counts on bottom



total pilot delay hours (not separated into
efficiency & pilot shortage components)





 **DAINIS**
AND COMPANY, INC.
PSYCHOMETRICS AND EVALUATION

Standard Setting Overview

April 2026

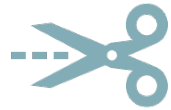
How We Got Here



Exam Blueprint
(results from
the JTA)



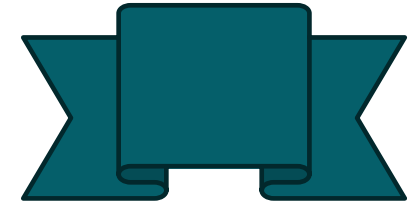
100 Items
Written and
Reviewed by
SMEs



Draft
Standard
Setting



Administer
Exams



Finalize Pass /
Fail Decisions

Standard Setting Definition

- Standard: “An explicit decision rule that assigns each examinee to one of several categories of performance based on his or her test score” (Cohen, Kane & Crooks, 1999)
- It is relative to the difficulty of the test questions (not just the topic area in general) and the expected level of competence that the test is designed to assess.
- Also known as:
 - Passing point
 - Pass / Fail decision point
 - Cut score

THE STANDARD SETTING PROCESS

- Angoff Method:
 - The cut score is based on the difficulty of the test content, relative to the expected competence of someone who passes vs. someone who fails.
 - Subject Matter Experts (SMEs) evaluate each item and estimate the proportion of minimally competent test-takers that would answer the question correctly.
 - The average of the raters' estimates becomes the item's predicted difficulty.
 - These mean difficulty values are averaged to result in the cut score.
 - If there are disagreements / discrepancies, another round of rating for some items may be necessary (Modified-Angoff).

Subject Matter Experts

- As a Subject Matter Expert (SME), they bring:
 - Professional expertise as a pilot in Washington
 - Knowledge of the job role and the training program
 - Knowledge of the required qualifications of the candidates

Imagine the level of competence that would be expected from someone with the required experience as a mariner, but new to the role of a BPC Pilot Trainee.

Standard Setting Results from Angoff Process

- Subject Matter Experts (SME) Panel:
 - $N = 5$
 - Active, licensed Washington State Pilots
- Process:
 - Each SME evaluates every item and gives an estimate of the difficulty.
 - These estimates are then averaged for each item, which results in the item's predicted difficulty.
 - These estimated difficulty ratings are then averaged to yield the estimated cut score.
 - It is the mean of the predicted difficulty values for all items.
 - It provides a conceptual reference for the “standard” of minimal competence expected.



STATE OF WASHINGTON
BOARD OF PILOTAGE COMMISSIONERS

2901 Third Avenue, Suite 500 | Seattle, Washington 98121 | (206) 515-3904 | www.pilotage.wa.gov

Meeting Minutes – Pilot Safety Committee (PSC)

December 3, 2025 at 2:00pm

Attendees: Andrew Drennen (BPC), John Scragg (PSP), Kevin Riddle (PSP), Ryan Leo (PGH), Scott Anacker (PSP), Ivan Carlson (PSP), Scott Brewen (PSP), Sheri Tonn (BPC), Jaimie Bever (BPC), Eleanor Kirtley (BPC), Jason Hamilton (BPC); Mike Moore (PMSA), Bettina Maki (BPC)

1. Review of Minutes of previous meeting on August 12, 2025.

The minutes were approved with one minor correction.

2. Rest Rule Exceptions

During 2025 Q3 in Grays Harbor there were zero (0) rest exceptions. `

During 2025 Q3 in Puget Sound there was one (1) exception to the 10 hour rest rule and one (1) exception to the 13 hour rest rule. The rest exception report showed three exceptions to the 10 hour rest rule, but Ivan Carlson explained that the 2nd and 3rd were documentation errors but not true rest exceptions. PSP will begin more frequent in-house review of rest exceptions in order to catch errors earlier. The one 10 hour rest exception that was not an error was only 2 minutes, but the committee counts all exceptions and does not use a “grace period” to screen out small exceptions. The BPC KPIs also count all rest exceptions no matter how small.

3. Noncompliant Pilot Transfer Arrangements

Pilots’ reports of noncompliant transfer arrangements from the 3rd quarter of 2025 were reviewed and discussed, as well as the Jotform data summary of the reports for the quarter. Attendees noted that the number of reports (15 for the entire quarter) was lower than usual and Scott Anacker described some of the improved compliance he has witnessed that is resulting in fewer reports of noncompliance.

4. PSP Comp Days (continued from previous meetings)

Bettina shared a chart showing de-identified individual pilot comp day balances. The median comp day balance is 17, and 60% of pilots have 0 to 24 comp days while 40% of pilots have higher comp day balances. The pilots with the highest comp day balances are age 60+. When pilots with many banked comp days retire, the total comp day balance decreases by several hundred.

Some pilots have zero comp days banked. It is usually necessary to burn 14 comp days when starting a period of Not Fit For Duty, but Ivan Carlson explained that an alternative when pilots have less than 14 comp days banked is to give up future ETO days. In no case are pilots expected to work hurt.

5. Adjournment/Next Meeting

This was John Scragg's last PSC meeting as he is planning to retire and is passing the PSC baton to Kevin Riddle (the Board still needs to formally assign Capt. Riddle to the committee). Jaimie Bever thanked John for all of his work on the Board and BPC committees over many years.

The committee agreed to schedule the next meeting in early April, and review 2025 Q4 data and 2026 Q1 data at that meeting. Attendees checked their calendars in real time and decided the next meeting would be on Tuesday April 7 at 1:30pm for 1 hour.

The meeting was adjourned at 2:50pm.



April 8, 2026

Jaime Bever
Executive Director
Washington State Board of Pilotage Commissioners
2901 Third Ave. Ste 500
Seattle, WA 98121

Dear Director Bever:

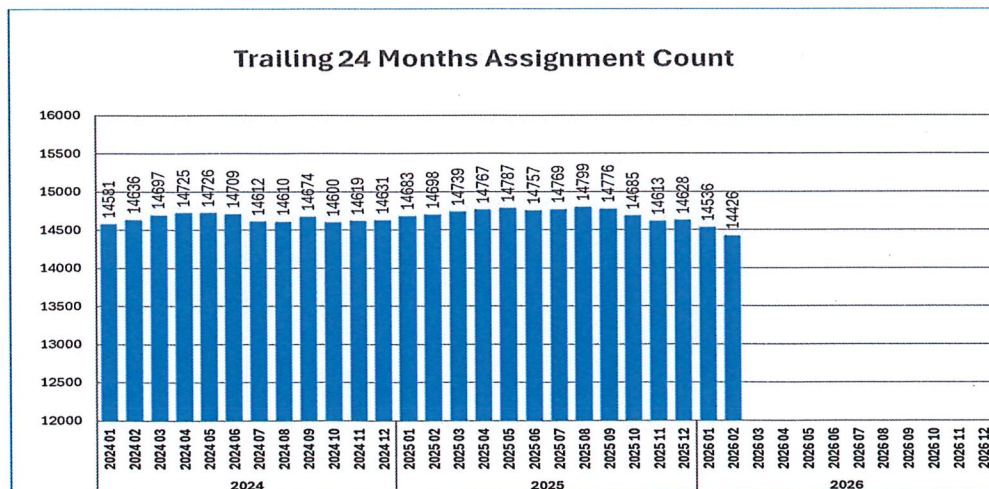
This document is provided as requested in the Instructions for Stakeholders adopted February 19, 2026. Puget Sound Pilots (PSP) provides this information to assist the Board of Pilotage Commissioners (BPC) in its deliberations to establish the authorized number of pilots for the coming two-year period.

To summarize PSP's position, we support the BPC staff recommendation to authorize 60 licensed pilots in the Puget Sound Pilotage District. We arrived at this number by adjusting the trailing 24-month traffic through February 2026 to account for known changes, dividing by the TAL, and adding two pilots—one for the President and one for those not fit for duty.

Background

During the February 19, 2026, meeting, the BPC approved utilizing the trailing 24 months of assignments. Following this, the March 19 meeting included a staff presentation recommending pilot numbers based on the June 2024 unanimous vote of 123 TAL. To ensure consistency, PSP utilized the BPC-calculated 24-month average (March 1, 2024 – Feb 28, 2026) published on their website.

Below is a chart produced by the BPC showing the trailing 24 months of traffic, with the most recent 24 months at 14,426 assignments:



Known and Verified Changes in Traffic

Pilot staffing is determined by taking the trailing 24 months of traffic, adjusted for known, verifiable changes in the coming year. TAL is applied to this projected traffic by dividing total assignments by 123, plus one position for the President and one for a pilot not fit for duty.

There is currently a high degree of uncertainty in the broader economic environment, particularly within the shipping industry. Recent policy changes, legal developments, and market fluctuations have made forward planning more challenging. Given these conditions, it is prudent to focus on changes that can be clearly supported and verified, rather than relying on assumptions about future developments.

Here is what can be verified for the coming year:

Attached is an Excel spreadsheet detailing the changes outlined in the Future Traffic table. The tabs within the spreadsheet are described below:

1. Calculator – Calculates the number of authorized pilots based on the trailing 24 months halved for a 12-month period (7213 assignments).
2. Cruise Trailing 24 - Shows the trailing 24 months of cruise traffic (1156 jobs) halved for a 12-month period (578).
3. POS 2026 Cruise Schedule – Shows the assignments for the 2026 cruise schedule (660). This represents 82 more assignments than Cruise Trailing 24 halved for 12-month period (578).
4. Seaspans LNG – Shows the number of anticipated LNG bunkering assignments (39).
5. Sun Chief – Shows the number of lost assignments with the loss of the Sun Chief Express service (52).
6. Evergreen Ad Hoc HTW Trailing 24 - Shows the trailing 24 months of the Evergreen Ad Hoc HTW service halved for a 12-month period (56).
7. ATB Sea Reliance – Shows the trailing 24 months halved for 12-month period (127).

FUTURE TRAFFIC	
Cruise	82
Seaspans LNG Bunkers	39
Sun Chief Express T-18 Seattle	-52
2025 Evergreen HTW	-56
ATB Sea Reliance	-127
Total Confirmed Future Traffic	-114

Calculation of Number of Pilots

The remaining steps are straightforward. The trailing 24-month traffic figure is adjusted to reflect verified changes, divided by 123, and then increased by two positions—one for the President and one for a pilot not fit for duty.

OUTPUTS	
Trailing 24 Month Annual Average	7,213.0
Total Assignments (with Future)	7,099.0
Base Pilots (before +2)	57.7
Final Pilots (after +2)	59.7
Rounded Final Pilots	60.0

Conclusion

PSP agrees with staff analysis of maintaining 60 pilots. While the traffic calculation results in a lower assignment count than the trailing 24-month average, it is not a large enough reduction to change the number of authorized pilots.

Sincerely,

A handwritten signature in blue ink, appearing to read "Scott Brewen", is written over a horizontal line.

Scott Brewen, Executive Director

Encl.

NUMBER OF PILOTS CALCULATED

INPUTS		
Year 1 (Older) Assignments	7,441	3/1/24 to 2/28/25
Year 2 (Recent) Assignments	6,985	3/1/25 to 2/28/26
Confirmed Future Traffic (Total)	-114	linked to future-traffic table
Target Assignment Level (TAL)	123	assignments per pilot
Additional Pilots (NFFD + President)	2	add to base pilot count

OUTPUTS		
Trailing 24 Month Annual Average	7,213.0	
Total Assignments (with Future)	7,099.0	
Base Pilots (before +2)	57.7	
Final Pilots (after +2)	59.7	
Rounded Final Pilots	60.0	

LATOR

FUTURE TRAFFIC		
Cruise	82	Additional cruise assignments over trailing 24-month a
Seaspan LNG Bunkers	39	13 Star Princess bunkerings. 3 assignments per bunke
Sun Chief Express T-18 Seattle	-52	Bi-weekly service canceled. 1 pilot in, 1 pilot out = 52 a
Evergreen HTW	-56	< Insert (-56) if Removing HTW Assignments
ATB Sea Reliance	-127	Annual average of assignments in trailing 24-months, t
Total Confirmed Future Traffic	-114	

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ring: PS to anchor, anchor to ship, ship to PS.

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Vessel Name	Job Date	From Code	To Code	#
NORWEGIAN BLISS	4/6/2024	PS	SE66-1	1
NORWEGIAN BLISS	4/6/2024	SE66-1	PS	1
NORWEGIAN BLISS	4/13/2024	PS	SE66-2	1
NORWEGIAN BLISS	4/13/2024	SE66-2	PS	1
NORWEGIAN SUN	4/19/2024	PS	SE91-E	1
NORWEGIAN SUN	4/19/2024	SE91-E	PS	1
NORWEGIAN BLISS	4/20/2024	PS	SE66-2	1
NORWEGIAN BLISS	4/20/2024	SE66-2	PS	1
CARNIVAL SPIRIT	4/22/2024	PS	SE91-I	1
CARNIVAL SPIRIT	4/23/2024	SE91-I	PS	1
NORWEGIAN BLISS	4/27/2024	SE66-2	PS	1
NORWEGIAN BLISS	4/27/2024	PS	SE66-2	1
NORWEGIAN ENCORE	4/28/2024	PS	SE66-2	1
NORWEGIAN ENCORE	4/28/2024	SE66-2	PS	1
ZAANDAM	4/29/2024	PS	PAANC	1
CROWN PRINCESS	4/30/2024	PS	SE91-E	1
ZAANDAM	4/30/2024	PAANC	SE66-2	1
CROWN PRINCESS	4/30/2024	SE91-E	PS	1
ZAANDAM	4/30/2024	SE66-2	PS	1
NORWEGIAN SUN	5/1/2024	PS	SE66-2	1
NORWEGIAN SUN	5/1/2024	SE66-2	PS	1
CARNIVAL LUMINOSA	5/1/2024	PS	SE91-I	1
CARNIVAL LUMINOSA	5/1/2024	SE91-I	PS	1
NORWEGIAN BLISS	5/4/2024	PS	SE66-2	1
NORWEGIAN BLISS	5/4/2024	SE66-2	PS	1
EURODAM	5/4/2024	PS	SE91-I	1
EURODAM	5/4/2024	SE91-I	PS	1
NORWEGIAN ENCORE	5/5/2024	SE66-2	PS	1
NORWEGIAN ENCORE	5/5/2024	PS	SE66-2	1
QUANTUM OF THE SEAS	5/6/2024	PS	SE91-E	1
QUANTUM OF THE SEAS	5/6/2024	SE91-E	PS	1
CARNIVAL SPIRIT	5/7/2024	PS	SE91-I	1
CARNIVAL SPIRIT	5/7/2024	SE91-I	PS	1
CARNIVAL LUMINOSA	5/9/2024	PS	SE91-I	1
CARNIVAL LUMINOSA	5/9/2024	SE91-I	PS	1
NORWEGIAN SUN	5/10/2024	SE66-2	PS	1
NORWEGIAN SUN	5/10/2024	PS	SE66-2	1
NORWEGIAN BLISS	5/11/2024	PS	SE66-2	1
NORWEGIAN BLISS	5/11/2024	SE66-2	PS	1
MAJESTIC PRINCESS	5/11/2024	PS	SE91-E	1
DISCOVERY PRINCESS	5/11/2024	PS	SE91-E	1
DISCOVERY PRINCESS	5/11/2024	SE91-E	PS	1
EURODAM	5/11/2024	PS	SE91-I	1

EURODAM	5/11/2024	SE91-I	PS	1
WESTERDAM	5/12/2024	PS	SE91-I	1
WESTERDAM	5/12/2024	SE91-I	PS	1
NORWEGIAN ENCORE	5/12/2024	PS	SE66-2	1
NORWEGIAN ENCORE	5/12/2024	SE66-2	PS	1
MAJESTIC PRINCESS	5/12/2024	SE91-E	PS	1
QUANTUM OF THE SEAS	5/13/2024	PS	SE91-E	1
QUANTUM OF THE SEAS	5/13/2024	SE91-E	PS	1
CARNIVAL SPIRIT	5/14/2024	PS	SE91-I	1
CARNIVAL SPIRIT	5/14/2024	SE91-I	PS	1
CARNIVAL LUMINOSA	5/16/2024	PS	SE91-I	1
CARNIVAL LUMINOSA	5/16/2024	SE91-I	PS	1
OVATION OF THE SEAS	5/17/2024	PS	SE91-E	1
CELEBRITY EDGE	5/17/2024	PS	SE91-I	1
OVATION OF THE SEAS	5/17/2024	SE91-E	PS	1
CELEBRITY EDGE	5/17/2024	SE91-I	PS	1
NORWEGIAN BLISS	5/18/2024	PS	SE66-2	1
NORWEGIAN BLISS	5/18/2024	SE66-2	PS	1
DISCOVERY PRINCESS	5/18/2024	PS	SE91-E	1
DISCOVERY PRINCESS	5/18/2024	SE91-E	PS	1
EURODAM	5/18/2024	PS	SE91-I	1
EURODAM	5/18/2024	SE91-I	PS	1
WESTERDAM	5/19/2024	PS	SE91-I	1
WESTERDAM	5/19/2024	SE91-I	PS	1
NORWEGIAN ENCORE	5/19/2024	PS	SE66-2	1
NORWEGIAN ENCORE	5/19/2024	SE66-2	PS	1
MAJESTIC PRINCESS	5/19/2024	PS	SE91-E	1
MAJESTIC PRINCESS	5/19/2024	SE91-E	PS	1
QUANTUM OF THE SEAS	5/20/2024	PS	SE91-E	1
NORWEGIAN SUN	5/20/2024	PS	SE66-2	1
NORWEGIAN SUN	5/20/2024	SE66-2	PS	1
QUANTUM OF THE SEAS	5/20/2024	SE91-E	PS	1
CARNIVAL SPIRIT	5/21/2024	PS	SE91-I	1
CARNIVAL SPIRIT	5/21/2024	SE91-I	PS	1
CARNIVAL LUMINOSA	5/23/2024	PS	SE91-I	1
CARNIVAL LUMINOSA	5/23/2024	SE91-I	PS	1
OVATION OF THE SEAS	5/24/2024	PS	SE91-E	1
CELEBRITY EDGE	5/24/2024	PS	SE91-I	1
OVATION OF THE SEAS	5/24/2024	SE91-E	PS	1
CELEBRITY EDGE	5/24/2024	SE91-I	PS	1
EURODAM	5/25/2024	PS	SE91-I	1
EURODAM	5/25/2024	SE91-I	PS	1
NORWEGIAN BLISS	5/25/2024	PS	SE66-2	1
NORWEGIAN BLISS	5/25/2024	SE66-2	PS	1

DISCOVERY PRINCESS	5/25/2024	PS	SE91-E	1
DISCOVERY PRINCESS	5/25/2024	SE91-E	PS	1
WESTERDAM	5/26/2024	PS	SE91-I	1
WESTERDAM	5/26/2024	SE91-I	PS	1
MAJESTIC PRINCESS	5/26/2024	PS	SE91-E	1
MAJESTIC PRINCESS	5/26/2024	SE91-E	PS	1
NORWEGIAN ENCORE	5/26/2024	PS	SE66-2	1
NORWEGIAN ENCORE	5/26/2024	SE66-2	PS	1
QUANTUM OF THE SEAS	5/27/2024	PS	SE91-E	1
QUANTUM OF THE SEAS	5/27/2024	SE91-E	PS	1
CARNIVAL SPIRIT	5/28/2024	PS	SE91-I	1
CARNIVAL SPIRIT	5/28/2024	SE91-I	PS	1
NORWEGIAN SUN	5/29/2024	PS	SE66-2	1
NORWEGIAN SUN	5/29/2024	SE66-2	PS	1
CARNIVAL LUMINOSA	5/30/2024	PS	SE91-I	1
CARNIVAL LUMINOSA	5/30/2024	SE91-I	PS	1
OVATION OF THE SEAS	5/31/2024	PS	SE91-E	1
CELEBRITY EDGE	5/31/2024	PS	SE91-I	1
OVATION OF THE SEAS	5/31/2024	SE91-E	PS	1
CELEBRITY EDGE	5/31/2024	SE91-I	PS	1
EURODAM	6/1/2024	PS	SE91-I	1
EURODAM	6/1/2024	SE91-I	PS	1
NORWEGIAN BLISS	6/1/2024	PS	SE66-2	1
NORWEGIAN BLISS	6/1/2024	SE66-2	PS	1
DISCOVERY PRINCESS	6/1/2024	PS	SE91-E	1
DISCOVERY PRINCESS	6/1/2024	SE91-E	PS	1
WESTERDAM	6/2/2024	PS	SE91-I	1
WESTERDAM	6/2/2024	SE91-I	PS	1
MAJESTIC PRINCESS	6/2/2024	PS	SE91-E	1
MAJESTIC PRINCESS	6/2/2024	SE91-E	PS	1
NORWEGIAN ENCORE	6/2/2024	PS	SE66-2	1
NORWEGIAN ENCORE	6/2/2024	SE66-2	PS	1
QUANTUM OF THE SEAS	6/3/2024	PS	SEANC-EBE	1
ROALD AMUNDSEN	6/3/2024	PS	SEANC-EBW	1
QUANTUM OF THE SEAS	6/3/2024	SEANC-EBE	SE91-E	1
QUANTUM OF THE SEAS	6/3/2024	SE91-E	PS	1
ROALD AMUNDSEN	6/3/2024	SEANC-EBW	PS	1
CARNIVAL SPIRIT	6/4/2024	PS	SE91-I	1
CARNIVAL SPIRIT	6/4/2024	SE91-I	PS	1
CARNIVAL LUMINOSA	6/6/2024	PS	SE91-I	1
CARNIVAL LUMINOSA	6/6/2024	SE91-I	PS	1
NORWEGIAN SUN	6/7/2024	PS	SE66-2	1
OVATION OF THE SEAS	6/7/2024	PS	SE91-E	1
CELEBRITY EDGE	6/7/2024	PS	SE91-I	1

NORWEGIAN SUN	6/7/2024	SE66-2	PS	1
OVATION OF THE SEAS	6/7/2024	SE91-E	PS	1
CELEBRITY EDGE	6/7/2024	SE91-I	PS	1
EURODAM	6/8/2024	PS	SE91-I	1
EURODAM	6/8/2024	SE91-I	PS	1
NORWEGIAN BLISS	6/8/2024	PS	SE66-2	1
NORWEGIAN BLISS	6/8/2024	SE66-2	PS	1
DISCOVERY PRINCESS	6/8/2024	PS	SE91-E	1
DISCOVERY PRINCESS	6/8/2024	SE91-E	PS	1
WESTERDAM	6/9/2024	PS	SE91-I	1
WESTERDAM	6/9/2024	SE91-I	PS	1
MAJESTIC PRINCESS	6/9/2024	PS	SE91-E	1
MAJESTIC PRINCESS	6/9/2024	SE91-E	PS	1
NORWEGIAN ENCORE	6/9/2024	PS	SE66-2	1
NORWEGIAN ENCORE	6/9/2024	SE66-2	PS	1
REGATTA	6/10/2024	PS	SE66-2	1
QUANTUM OF THE SEAS	6/10/2024	PS	SE91-E	1
REGATTA	6/10/2024	SE66-2	PS	1
QUANTUM OF THE SEAS	6/10/2024	SE91-E	PS	1
CARNIVAL SPIRIT	6/11/2024	PS	SE91-I	1
CARNIVAL SPIRIT	6/11/2024	SE91-I	PS	1
CARNIVAL LUMINOSA	6/13/2024	PS	SE91-I	1
CARNIVAL LUMINOSA	6/13/2024	SE91-I	PS	1
OVATION OF THE SEAS	6/14/2024	PS	SE91-E	1
CELEBRITY EDGE	6/14/2024	PS	SE91-I	1
OVATION OF THE SEAS	6/14/2024	SE91-E	PS	1
CELEBRITY EDGE	6/14/2024	SE91-I	PS	1
EURODAM	6/15/2024	PS	SE91-I	1
EURODAM	6/15/2024	SE91-I	PS	1
NORWEGIAN BLISS	6/15/2024	PS	SE66-2	1
NORWEGIAN BLISS	6/15/2024	SE66-2	PS	1
DISCOVERY PRINCESS	6/15/2024	PS	SE91-E	1
DISCOVERY PRINCESS	6/15/2024	SE91-E	PS	1
MAJESTIC PRINCESS	6/16/2024	PS	SE91-E	1
MAJESTIC PRINCESS	6/16/2024	SE91-E	PS	1
NORWEGIAN ENCORE	6/16/2024	PS	SE66-2	1
NORWEGIAN ENCORE	6/16/2024	SE66-2	PS	1
NORWEGIAN SUN	6/17/2024	PS	SE66-2	1
QUANTUM OF THE SEAS	6/17/2024	PS	SE91-E	1
NORWEGIAN SUN	6/17/2024	SE66-2	PS	1
QUANTUM OF THE SEAS	6/17/2024	SE91-E	PS	1
CARNIVAL SPIRIT	6/18/2024	PS	SE91-I	1
CARNIVAL SPIRIT	6/18/2024	SE91-I	PS	1
CARNIVAL LUMINOSA	6/20/2024	PS	SE91-I	1

CARNIVAL LUMINOSA	6/20/2024	SE91-I	PS	1
REGATTA	6/21/2024	PS	SE66-2	1
OVATION OF THE SEAS	6/21/2024	PS	SE91-E	1
CELEBRITY EDGE	6/21/2024	PS	SE91-I	1
REGATTA	6/21/2024	SE66-2	PS	1
OVATION OF THE SEAS	6/21/2024	SE91-E	PS	1
CELEBRITY EDGE	6/21/2024	SE91-I	PS	1
EURODAM	6/22/2024	PS	SE91-I	1
EURODAM	6/22/2024	SE91-I	PS	1
NORWEGIAN BLISS	6/22/2024	PS	SE66-2	1
NORWEGIAN BLISS	6/22/2024	SE66-2	PS	1
DISCOVERY PRINCESS	6/22/2024	PS	SE91-E	1
DISCOVERY PRINCESS	6/22/2024	SE91-E	PS	1
MAJESTIC PRINCESS	6/23/2024	PS	SE91-E	1
MAJESTIC PRINCESS	6/23/2024	SE91-E	PS	1
NORWEGIAN ENCORE	6/23/2024	PS	SE66-2	1
NORWEGIAN ENCORE	6/23/2024	SE66-2	PS	1
QUANTUM OF THE SEAS	6/24/2024	PS	SE91-E	1
QUANTUM OF THE SEAS	6/24/2024	SE91-E	PS	1
CARNIVAL SPIRIT	6/25/2024	PS	SE91-I	1
CARNIVAL SPIRIT	6/25/2024	SE91-I	PS	1
NORWEGIAN SUN	6/26/2024	PS	SE66-2	1
NORWEGIAN SUN	6/26/2024	SE66-2	PS	1
CARNIVAL LUMINOSA	6/27/2024	PS	SE91-I	1
CARNIVAL LUMINOSA	6/27/2024	SE91-I	PS	1
REGATTA	6/28/2024	PS	SE66-2	1
OVATION OF THE SEAS	6/28/2024	PS	SE91-E	1
CELEBRITY EDGE	6/28/2024	PS	SE91-I	1
REGATTA	6/28/2024	SE66-2	PS	1
OVATION OF THE SEAS	6/28/2024	SE91-E	PS	1
CELEBRITY EDGE	6/28/2024	SE91-I	PS	1
CRYSTAL SERENITY	6/29/2024	PS	PA1-N	1
EURODAM	6/29/2024	PS	SE91-I	1
EURODAM	6/29/2024	SE91-I	PS	1
NORWEGIAN BLISS	6/29/2024	PS	SE66-2	1
NORWEGIAN BLISS	6/29/2024	SE66-2	PS	1
DISCOVERY PRINCESS	6/29/2024	PS	SE91-E	1
DISCOVERY PRINCESS	6/29/2024	SE91-E	PS	1
CRYSTAL SERENITY	6/30/2024	PA1-N	PS	1
MAJESTIC PRINCESS	6/30/2024	PS	SE91-E	1
MAJESTIC PRINCESS	6/30/2024	SE91-E	PS	1
NORWEGIAN ENCORE	6/30/2024	PS	SE66-2	1
NORWEGIAN ENCORE	6/30/2024	SE66-2	PS	1
QUANTUM OF THE SEAS	7/1/2024	PS	SE91-E	1

QUANTUM OF THE SEAS	7/1/2024	SE91-E	PS	1
CARNIVAL SPIRIT	7/2/2024	PS	SE91-I	1
CARNIVAL SPIRIT	7/2/2024	SE91-I	PS	1
CARNIVAL LUMINOSA	7/4/2024	PS	SE91-I	1
CARNIVAL LUMINOSA	7/4/2024	SE91-I	PS	1
NORWEGIAN SUN	7/5/2024	PS	SE66-2	1
OVATION OF THE SEAS	7/5/2024	PS	SE91-E	1
CELEBRITY EDGE	7/5/2024	PS	SE91-I	1
NORWEGIAN SUN	7/5/2024	SE66-2	PS	1
OVATION OF THE SEAS	7/5/2024	SE91-E	PS	1
CELEBRITY EDGE	7/5/2024	SE91-I	PS	1
EURODAM	7/6/2024	PS	SE91-I	1
EURODAM	7/6/2024	SE91-I	PS	1
NORWEGIAN BLISS	7/6/2024	PS	SE66-2	1
NORWEGIAN BLISS	7/6/2024	SE66-2	PS	1
DISCOVERY PRINCESS	7/6/2024	PS	SE91-E	1
DISCOVERY PRINCESS	7/6/2024	SE91-E	PS	1
WESTERDAM	7/7/2024	PS	SE91-I	1
WESTERDAM	7/7/2024	SE91-I	PS	1
MAJESTIC PRINCESS	7/7/2024	PS	SE91-E	1
MAJESTIC PRINCESS	7/7/2024	SE91-E	PS	1
NORWEGIAN ENCORE	7/7/2024	PS	SE66-2	1
NORWEGIAN ENCORE	7/7/2024	SE66-2	PS	1
QUANTUM OF THE SEAS	7/8/2024	PS	SE91-E	1
QUANTUM OF THE SEAS	7/8/2024	SE91-E	PS	1
REGATTA	7/9/2024	PS	SE66-2	1
REGATTA	7/9/2024	SE66-2	PS	1
CARNIVAL SPIRIT	7/9/2024	PS	SE91-I	1
CARNIVAL SPIRIT	7/9/2024	SE91-I	PS	1
CARNIVAL LUMINOSA	7/11/2024	PS	SE91-I	1
CARNIVAL LUMINOSA	7/11/2024	SE91-I	PS	1
OVATION OF THE SEAS	7/12/2024	PS	SE91-E	1
CELEBRITY EDGE	7/12/2024	PS	SE91-I	1
OVATION OF THE SEAS	7/12/2024	SE91-E	PS	1
CELEBRITY EDGE	7/12/2024	SE91-I	PS	1
EURODAM	7/13/2024	PS	SE91-I	1
EURODAM	7/13/2024	SE91-I	PS	1
NORWEGIAN BLISS	7/13/2024	PS	SE66-2	1
NORWEGIAN BLISS	7/13/2024	SE66-2	PS	1
DISCOVERY PRINCESS	7/13/2024	PS	SE91-E	1
DISCOVERY PRINCESS	7/13/2024	SE91-E	PS	1
WESTERDAM	7/14/2024	PS	SE91-I	1
WESTERDAM	7/14/2024	SE91-I	PS	1
MAJESTIC PRINCESS	7/14/2024	PS	SE91-E	1

MAJESTIC PRINCESS	7/14/2024	SE91-E	PS	1
NORWEGIAN ENCORE	7/14/2024	PS	SE66-2	1
NORWEGIAN ENCORE	7/14/2024	SE66-2	PS	1
NORWEGIAN SUN	7/15/2024	PS	SE66-2	1
NORWEGIAN SUN	7/15/2024	SE66-2	PS	1
QUANTUM OF THE SEAS	7/15/2024	PS	SE91-E	1
QUANTUM OF THE SEAS	7/15/2024	SE91-E	PS	1
CARNIVAL SPIRIT	7/16/2024	PS	SE91-I	1
CARNIVAL SPIRIT	7/16/2024	SE91-I	PS	1
CARNIVAL LUMINOSA	7/18/2024	PS	SE91-I	1
CARNIVAL LUMINOSA	7/18/2024	SE91-I	PS	1
REGATTA	7/19/2024	PS	SE66-2	1
OVATION OF THE SEAS	7/19/2024	PS	SE91-E	1
CELEBRITY EDGE	7/19/2024	PS	SE91-I	1
REGATTA	7/19/2024	SE66-2	PS	1
OVATION OF THE SEAS	7/19/2024	SE91-E	PS	1
CELEBRITY EDGE	7/19/2024	SE91-I	PS	1
EURODAM	7/20/2024	PS	SE91-I	1
EURODAM	7/20/2024	SE91-I	PS	1
NORWEGIAN BLISS	7/20/2024	PS	SE66-2	1
NORWEGIAN BLISS	7/20/2024	SE66-2	PS	1
DISCOVERY PRINCESS	7/20/2024	PS	SE91-E	1
DISCOVERY PRINCESS	7/20/2024	SE91-E	PS	1
WESTERDAM	7/21/2024	PS	SE91-I	1
WESTERDAM	7/21/2024	SE91-I	PS	1
MAJESTIC PRINCESS	7/21/2024	PS	SE91-E	1
MAJESTIC PRINCESS	7/21/2024	SE91-E	PS	1
NORWEGIAN ENCORE	7/21/2024	PS	SE66-2	1
NORWEGIAN ENCORE	7/21/2024	SE66-2	PS	1
QUANTUM OF THE SEAS	7/22/2024	PS	SE91-E	1
QUANTUM OF THE SEAS	7/22/2024	SE91-E	PS	1
CARNIVAL SPIRIT	7/23/2024	PS	SE91-I	1
CARNIVAL SPIRIT	7/23/2024	SE91-I	PS	1
NORWEGIAN SUN	7/24/2024	PS	SE66-2	1
NORWEGIAN SUN	7/24/2024	SE66-2	PS	1
CARNIVAL LUMINOSA	7/25/2024	PS	SE91-I	1
CARNIVAL LUMINOSA	7/25/2024	SE91-I	PS	1
REGATTA	7/26/2024	PS	SE66-2	1
REGATTA	7/26/2024	SE66-2	PS	1
OVATION OF THE SEAS	7/26/2024	PS	SE91-E	1
OVATION OF THE SEAS	7/26/2024	SE91-E	PS	1
CELEBRITY EDGE	7/26/2024	PS	SE91-I	1
CELEBRITY EDGE	7/26/2024	SE91-I	PS	1
EURODAM	7/27/2024	PS	SE91-I	1

EURODAM	7/27/2024	SE91-I	PS	1
NORWEGIAN BLISS	7/27/2024	PS	SE66-2	1
NORWEGIAN BLISS	7/27/2024	SE66-2	PS	1
DISCOVERY PRINCESS	7/27/2024	PS	SE91-E	1
DISCOVERY PRINCESS	7/27/2024	SE91-E	PS	1
WESTERDAM	7/28/2024	PS	SE91-I	1
WESTERDAM	7/28/2024	SE91-I	PS	1
MAJESTIC PRINCESS	7/28/2024	PS	SE91-E	1
MAJESTIC PRINCESS	7/28/2024	SE91-E	PS	1
NORWEGIAN ENCORE	7/28/2024	PS	SE66-2	1
NORWEGIAN ENCORE	7/28/2024	SE66-2	PS	1
QUANTUM OF THE SEAS	7/29/2024	PS	SE91-E	1
QUANTUM OF THE SEAS	7/29/2024	SE91-E	PS	1
CARNIVAL SPIRIT	7/30/2024	PS	SE91-I	1
CARNIVAL SPIRIT	7/30/2024	SE91-I	PS	1
CARNIVAL LUMINOSA	8/1/2024	PS	SE91-I	1
CARNIVAL LUMINOSA	8/1/2024	SE91-I	PS	1
NORWEGIAN SUN	8/2/2024	PS	SE66-2	1
OVATION OF THE SEAS	8/2/2024	PS	SE91-E	1
CELEBRITY EDGE	8/2/2024	PS	SE91-I	1
NORWEGIAN SUN	8/2/2024	SE66-2	PS	1
OVATION OF THE SEAS	8/2/2024	SE91-E	PS	1
CELEBRITY EDGE	8/2/2024	SE91-I	PS	1
EURODAM	8/3/2024	PS	SE91-I	1
EURODAM	8/3/2024	SE91-I	PS	1
NORWEGIAN BLISS	8/3/2024	PS	SE66-2	1
NORWEGIAN BLISS	8/3/2024	SE66-2	PS	1
DISCOVERY PRINCESS	8/3/2024	PS	SE91-E	1
DISCOVERY PRINCESS	8/3/2024	SE91-E	PS	1
WESTERDAM	8/4/2024	PS	SE91-I	1
WESTERDAM	8/4/2024	SE91-I	PS	1
MAJESTIC PRINCESS	8/4/2024	PS	SE91-E	1
MAJESTIC PRINCESS	8/4/2024	SE91-E	PS	1
NORWEGIAN ENCORE	8/4/2024	PS	SE66-2	1
NORWEGIAN ENCORE	8/4/2024	SE66-2	PS	1
QUANTUM OF THE SEAS	8/5/2024	PS	SE91-E	1
QUANTUM OF THE SEAS	8/5/2024	SE91-E	PS	1
REGATTA	8/6/2024	PS	SE66-2	1
CARNIVAL SPIRIT	8/6/2024	PS	SE91-I	1
REGATTA	8/6/2024	SE66-2	PS	1
CARNIVAL SPIRIT	8/6/2024	SE91-I	PS	1
CARNIVAL LUMINOSA	8/8/2024	PS	SE91-I	1
CARNIVAL LUMINOSA	8/8/2024	SE91-I	PS	1
OVATION OF THE SEAS	8/9/2024	PS	SE91-E	1

CELEBRITY EDGE	8/9/2024	PS	SE91-I	1
OVATION OF THE SEAS	8/9/2024	SE91-E	PS	1
CELEBRITY EDGE	8/9/2024	SE91-I	PS	1
EURODAM	8/10/2024	PS	SE91-I	1
EURODAM	8/10/2024	SE91-I	PS	1
NORWEGIAN BLISS	8/10/2024	PS	SE66-2	1
NORWEGIAN BLISS	8/10/2024	SE66-2	PS	1
DISCOVERY PRINCESS	8/10/2024	PS	SE91-E	1
DISCOVERY PRINCESS	8/10/2024	SE91-E	PS	1
WESTERDAM	8/11/2024	PS	SE91-I	1
WESTERDAM	8/11/2024	SE91-I	PS	1
MAJESTIC PRINCESS	8/11/2024	PS	SE91-E	1
MAJESTIC PRINCESS	8/11/2024	SE91-E	PS	1
NORWEGIAN ENCORE	8/11/2024	PS	SE66-2	1
NORWEGIAN ENCORE	8/11/2024	SE66-2	PS	1
NORWEGIAN SUN	8/12/2024	PS	SE66-2	1
QUANTUM OF THE SEAS	8/12/2024	PS	SE91-E	1
NORWEGIAN SUN	8/12/2024	SE66-2	PS	1
QUANTUM OF THE SEAS	8/12/2024	SE91-E	PS	1
CARNIVAL SPIRIT	8/13/2024	PS	SE91-I	1
CARNIVAL SPIRIT	8/13/2024	SE91-I	PS	1
CARNIVAL LUMINOSA	8/15/2024	PS	SE91-I	1
CARNIVAL LUMINOSA	8/15/2024	SE91-I	PS	1
REGATTA	8/16/2024	PS	SE66-2	1
OVATION OF THE SEAS	8/16/2024	PS	SE91-E	1
CELEBRITY EDGE	8/16/2024	PS	SE91-I	1
REGATTA	8/16/2024	SE66-2	PS	1
OVATION OF THE SEAS	8/16/2024	SE91-E	PS	1
CELEBRITY EDGE	8/16/2024	SE91-I	PS	1
EURODAM	8/17/2024	PS	SE91-I	1
EURODAM	8/17/2024	SE91-I	PS	1
NORWEGIAN BLISS	8/17/2024	PS	SE66-2	1
NORWEGIAN BLISS	8/17/2024	SE66-2	PS	1
DISCOVERY PRINCESS	8/17/2024	PS	SE91-E	1
DISCOVERY PRINCESS	8/17/2024	SE91-E	PS	1
WESTERDAM	8/18/2024	PS	SE91-I	1
WESTERDAM	8/18/2024	SE91-I	PS	1
MAJESTIC PRINCESS	8/18/2024	PS	SE91-E	1
MAJESTIC PRINCESS	8/18/2024	SE91-E	PS	1
NORWEGIAN ENCORE	8/18/2024	PS	SE66-2	1
NORWEGIAN ENCORE	8/18/2024	SE66-2	PS	1
QUANTUM OF THE SEAS	8/19/2024	PS	SE91-E	1
QUANTUM OF THE SEAS	8/19/2024	SE91-E	PS	1
CARNIVAL SPIRIT	8/20/2024	PS	SE91-I	1

CARNIVAL SPIRIT	8/20/2024	SE91-I	PS	1
NORWEGIAN SUN	8/21/2024	PS	SE66-2	1
NORWEGIAN SUN	8/21/2024	SE66-2	PS	1
CARNIVAL LUMINOSA	8/22/2024	PS	SE91-I	1
CARNIVAL LUMINOSA	8/22/2024	SE91-I	PS	1
OVATION OF THE SEAS	8/23/2024	PS	SE91-E	1
CELEBRITY EDGE	8/23/2024	PS	SE91-I	1
OVATION OF THE SEAS	8/23/2024	SE91-E	PS	1
CELEBRITY EDGE	8/23/2024	SE91-I	PS	1
EURODAM	8/24/2024	PS	SE91-I	1
EURODAM	8/24/2024	SE91-I	PS	1
NORWEGIAN BLISS	8/24/2024	PS	SE66-2	1
NORWEGIAN BLISS	8/24/2024	SE66-2	PS	1
DISCOVERY PRINCESS	8/24/2024	PS	SE91-E	1
DISCOVERY PRINCESS	8/24/2024	SE91-E	PS	1
WESTERDAM	8/25/2024	PS	SE91-I	1
WESTERDAM	8/25/2024	SE91-I	PS	1
MAJESTIC PRINCESS	8/25/2024	PS	SE91-E	1
MAJESTIC PRINCESS	8/25/2024	SE91-E	PS	1
NORWEGIAN ENCORE	8/25/2024	PS	SE66-2	1
NORWEGIAN ENCORE	8/25/2024	SE66-2	PS	1
QUANTUM OF THE SEAS	8/26/2024	SE91-E	PS	1
QUANTUM OF THE SEAS	8/26/2024	PS	SE91-E	1
CARNIVAL SPIRIT	8/27/2024	PS	SE91-I	1
CARNIVAL SPIRIT	8/27/2024	SE91-I	PS	1
REGATTA	8/28/2024	PS	SE66-2	1
REGATTA	8/28/2024	SE66-2	PS	1
CARNIVAL LUMINOSA	8/29/2024	PS	SE91-I	1
CARNIVAL LUMINOSA	8/29/2024	SE91-I	PS	1
OVATION OF THE SEAS	8/30/2024	PS	SE91-E	1
CELEBRITY EDGE	8/30/2024	PS	SE91-I	1
NORWEGIAN SUN*	8/30/2024	PS	SE66-2	1
NORWEGIAN SUN*	8/30/2024	SE66-2	PS	1
OVATION OF THE SEAS	8/30/2024	SE91-E	PS	1
CELEBRITY EDGE	8/30/2024	SE91-I	PS	1
EURODAM	8/31/2024	PS	SE91-I	1
EURODAM	8/31/2024	SE91-I	PS	1
NORWEGIAN BLISS	8/31/2024	PS	SE66-2	1
NORWEGIAN BLISS	8/31/2024	SE66-2	PS	1
DISCOVERY PRINCESS	8/31/2024	PS	SE91-E	1
DISCOVERY PRINCESS	8/31/2024	SE91-E	PS	1
WESTERDAM	9/1/2024	PS	SE91-I	1
WESTERDAM	9/1/2024	SE91-I	PS	1
MAJESTIC PRINCESS	9/1/2024	PS	SE91-E	1

MAJESTIC PRINCESS	9/1/2024	SE91-E	PS	1
NORWEGIAN ENCORE	9/1/2024	PS	SE66-2	1
NORWEGIAN ENCORE	9/1/2024	SE66-2	PS	1
SEABOURN ODYSSEY	9/2/2024	PS	SE91-I	1
SEABOURN ODYSSEY	9/2/2024	SE91-I	PS	1
QUANTUM OF THE SEAS	9/2/2024	PS	SE91-E	1
QUANTUM OF THE SEAS	9/2/2024	SE91-E	PS	1
CARNIVAL SPIRIT	9/3/2024	PS	SE91-I	1
CARNIVAL SPIRIT	9/3/2024	SE91-I	PS	1
CARNIVAL LUMINOSA	9/5/2024	PS	SE91-I	1
CARNIVAL LUMINOSA	9/5/2024	SE91-I	PS	1
OVATION OF THE SEAS	9/6/2024	PS	SE91-E	1
OVATION OF THE SEAS	9/6/2024	SE91-E	PS	1
CELEBRITY EDGE	9/6/2024	PS	SE91-I	1
CELEBRITY EDGE	9/6/2024	SE91-I	PS	1
EURODAM	9/7/2024	PS	SE91-I	1
EURODAM	9/7/2024	SE91-I	PS	1
NORWEGIAN BLISS	9/7/2024	PS	SE66-2	1
NORWEGIAN BLISS	9/7/2024	SE66-2	PS	1
DISCOVERY PRINCESS	9/7/2024	PS	SE91-E	1
DISCOVERY PRINCESS	9/7/2024	SE91-E	PS	1
MAJESTIC PRINCESS	9/8/2024	PS	SE91-E	1
MAJESTIC PRINCESS	9/8/2024	SE91-E	PS	1
NORWEGIAN ENCORE	9/8/2024	PS	SE66-2	1
NORWEGIAN ENCORE	9/8/2024	SE66-2	PS	1
NORWEGIAN SUN*	9/9/2024	PS	SE66-2	1
NORWEGIAN SUN*	9/9/2024	SE66-2	PS	1
QUANTUM OF THE SEAS	9/9/2024	PS	SE91-E	1
QUANTUM OF THE SEAS	9/9/2024	SE91-E	PS	1
CARNIVAL SPIRIT	9/10/2024	PS	SE91-I	1
CARNIVAL SPIRIT	9/10/2024	SE91-I	PS	1
CARNIVAL LUMINOSA	9/12/2024	PS	SE91-I	1
CARNIVAL LUMINOSA	9/12/2024	SE91-I	PS	1
OVATION OF THE SEAS	9/13/2024	PS	SE91-E	1
CELEBRITY EDGE	9/13/2024	PS	SE91-I	1
OVATION OF THE SEAS	9/13/2024	SE91-E	PS	1
CELEBRITY EDGE	9/13/2024	SE91-I	PS	1
EURODAM	9/14/2024	PS	SE91-I	1
EURODAM	9/14/2024	SE91-I	PS	1
NORWEGIAN BLISS	9/14/2024	PS	SE66-2	1
NORWEGIAN BLISS	9/14/2024	SE66-2	PS	1
DISCOVERY PRINCESS	9/14/2024	PS	SE91-E	1
DISCOVERY PRINCESS	9/14/2024	SE91-E	PS	1
MAJESTIC PRINCESS	9/15/2024	PS	SE91-E	1

MAJESTIC PRINCESS	9/15/2024	SE91-E	PS	1
NORWEGIAN ENCORE	9/15/2024	PS	SE66-2	1
NORWEGIAN ENCORE	9/15/2024	SE66-2	PS	1
QUANTUM OF THE SEAS	9/16/2024	PS	SE91-E	1
QUANTUM OF THE SEAS	9/16/2024	SE91-E	PS	1
NORWEGIAN SUN*	9/18/2024	PS	SE66-2	1
NORWEGIAN SUN*	9/18/2024	SE66-2	PS	1
CARNIVAL LUMINOSA	9/19/2024	PS	SE91-I	1
CARNIVAL LUMINOSA	9/19/2024	SE91-I	PS	1
OVATION OF THE SEAS	9/20/2024	PS	SE91-E	1
OVATION OF THE SEAS	9/20/2024	SE91-E	PS	1
FRIDTJOF NANSEN	9/20/2024	PS	SE66-2	1
FRIDTJOF NANSEN	9/20/2024	SE66-2	PS	1
EURODAM	9/21/2024	PS	SE91-I	1
EURODAM	9/21/2024	SE91-I	PS	1
NORWEGIAN BLISS	9/21/2024	PS	SE66-2	1
NORWEGIAN BLISS	9/21/2024	SE66-2	PS	1
DISCOVERY PRINCESS	9/21/2024	PS	SE91-E	1
DISCOVERY PRINCESS	9/21/2024	SE91-E	PS	1
MAJESTIC PRINCESS	9/22/2024	PS	SE91-E	1
MAJESTIC PRINCESS	9/22/2024	SE91-E	PS	1
NORWEGIAN ENCORE	9/22/2024	PS	SE66-2	1
NORWEGIAN ENCORE	9/22/2024	SE66-2	PS	1
QUANTUM OF THE SEAS	9/23/2024	PS	SE91-E	1
QUANTUM OF THE SEAS	9/23/2024	SE91-E	PS	1
CARNIVAL SPIRIT	9/24/2024	PS	SE91-I	1
CARNIVAL SPIRIT	9/24/2024	SE91-I	PS	1
NORWEGIAN SUN*	9/27/2024	PS	SE66-2	1
OVATION OF THE SEAS	9/27/2024	PS	SE91-E	1
NORWEGIAN SUN*	9/27/2024	SE66-2	PS	1
OVATION OF THE SEAS	9/27/2024	SE91-E	PS	1
EURODAM	9/28/2024	PS	SE91-I	1
EURODAM	9/28/2024	SE91-I	PS	1
NORWEGIAN BLISS	9/28/2024	PS	SE66-2	1
NORWEGIAN BLISS	9/28/2024	SE66-2	PS	1
RADIANCE OF THE SEAS	9/29/2024	PS	SE91-I	1
RADIANCE OF THE SEAS	9/29/2024	SE91-I	PS	1
MAJESTIC PRINCESS	9/29/2024	PS	SE91-E	1
MAJESTIC PRINCESS	9/29/2024	SE91-E	PS	1
NORWEGIAN ENCORE	9/29/2024	PS	SE66-2	1
NORWEGIAN ENCORE	9/29/2024	SE66-2	PS	1
QUANTUM OF THE SEAS	9/30/2024	PS	SE91-E	1
QUANTUM OF THE SEAS	9/30/2024	SE91-E	PS	1
NORWEGIAN JEWEL	10/1/2024	PS	SE66-2	1

NORWEGIAN JEWEL	10/1/2024	SE66-2	PS	1
EURODAM	10/5/2024	PS	SE91-I	1
EURODAM	10/5/2024	SE91-I	PS	1
NORWEGIAN BLISS	10/5/2024	PS	SE66-2	1
NORWEGIAN BLISS	10/5/2024	SE66-2	PS	1
NORWEGIAN ENCORE	10/6/2024	PS	SE66-2	1
NORWEGIAN ENCORE	10/6/2024	SE66-2	PS	1
NORWEGIAN SUN*	10/7/2024	PS	SE66-2	1
NORWEGIAN SUN*	10/7/2024	SE66-2	PS	1
CARNIVAL SPIRIT	10/9/2024	PS	SE91-I	1
CARNIVAL SPIRIT	10/9/2024	SE91-I	PS	1
NORWEGIAN JEWEL	10/10/2024	PS	SE66-2	1
MAJESTIC PRINCESS	10/10/2024	PS	SE91-E	1
NORWEGIAN JEWEL	10/10/2024	SE66-2	PS	1
MAJESTIC PRINCESS	10/10/2024	SE91-E	PS	1
NORWEGIAN BLISS	10/12/2024	PS	SE66-2	1
NORWEGIAN BLISS	10/12/2024	SE66-2	PS	1
NORWEGIAN ENCORE	10/13/2024	PS	SE66-2	1
NORWEGIAN ENCORE	10/13/2024	SE66-2	PS	1
NORWEGIAN JEWEL	10/19/2024	PS	SE91-I	1
NORWEGIAN JEWEL	10/19/2024	SE91-I	PS	1
NORWEGIAN BLISS	10/19/2024	PS	SE66-2	1
NORWEGIAN BLISS	10/19/2024	SE66-2	PS	1
WESTERDAM	10/24/2024	PS	SE91-I	1
WESTERDAM	10/24/2024	SE91-I	PS	1
NORWEGIAN BLISS	10/26/2024	PS	SE66-2	1
NORWEGIAN BLISS	10/26/2024	SE66-2	PS	1
NORWEGIAN JEWEL	10/28/2024	PS	SE66-2	1
NORWEGIAN JEWEL	10/28/2024	SE66-2	PS	1
NORWEGIAN BLISS	4/12/2025	PS	SE66-2	1
NORWEGIAN BLISS	4/12/2025	SE66-2	PS	1
CARNIVAL SPIRIT	4/14/2025	PS	SE91-I	1
CARNIVAL SPIRIT	4/14/2025	SE91-I	PS	1
NORWEGIAN BLISS	4/19/2025	PS	SE66-2	1
NORWEGIAN BLISS	4/19/2025	SE66-2	PS	1
NORWEGIAN ENCORE	4/20/2025	PS	SE66-2	1
NORWEGIAN ENCORE	4/20/2025	SE66-2	PS	1
CARNIVAL SPIRIT	4/21/2025	PS	SE91-I	1
CARNIVAL SPIRIT	4/21/2025	SE91-I	PS	1
KONINGS DAM	4/23/2025	PS	SE91-I	1
KONINGS DAM	4/23/2025	SE91-I	PS	1
NORWEGIAN JOY	4/23/2025	PS	SE66-2	1
NORWEGIAN JOY	4/23/2025	SE66-2	PS	1
EUROPA 2	4/24/2025	PS	SE66-2	1

EUROPA 2	4/24/2025	SE66-2	PS	1
NORWEGIAN BLISS	4/26/2025	PS	SE66-2	1
NORWEGIAN BLISS	4/26/2025	SE66-2	PS	1
NORWEGIAN ENCORE	4/27/2025	PS	SE66-2	1
NORWEGIAN ENCORE	4/27/2025	SE66-2	PS	1
WESTERDAM	4/27/2025	PS	SE91-I	1
WESTERDAM	4/27/2025	SE91-I	PS	1
CARNIVAL SPIRIT	4/28/2025	PS	SE91-I	1
CARNIVAL SPIRIT	4/28/2025	SE91-I	PS	1
RUBY PRINCESS	4/30/2025	PS	SE66-2	1
RUBY PRINCESS	4/30/2025	SE66-2	PS	1
CARNIVAL LUMINOSA	5/1/2025	PS	SE91-I	1
CARNIVAL LUMINOSA	5/1/2025	SE91-I	PS	1
NORWEGIAN JOY	5/2/2025	PS	SE66-2	1
NORWEGIAN JOY	5/2/2025	SE66-2	PS	1
EURODAM	5/3/2025	PS	SE91-I	1
EURODAM	5/3/2025	SE91-I	PS	1
NORWEGIAN BLISS	5/3/2025	PS	SE66-2	1
NORWEGIAN BLISS	5/3/2025	SE66-2	PS	1
DISCOVERY PRINCESS	5/4/2025	PS	SE91-E	1
DISCOVERY PRINCESS	5/4/2025	SE91-E	PS	1
NORWEGIAN ENCORE	5/4/2025	PS	SE66-2	1
NORWEGIAN ENCORE	5/4/2025	SE66-2	PS	1
WESTERDAM	5/4/2025	PS	SE91-I	1
WESTERDAM	5/4/2025	SE91-I	PS	1
CARNIVAL SPIRIT	5/5/2025	PS	SE91-I	1
CARNIVAL SPIRIT	5/5/2025	SE91-I	PS	1
GRAND PRINCESS	5/6/2025	PS	SE91-E	1
GRAND PRINCESS	5/6/2025	SE91-E	PS	1
ANTHEM OF THE SEAS	5/7/2025	PS	SEANC-EBE	1
QUANTUM OF THE SEAS	5/7/2025	PS	SE91-E	1
QUANTUM OF THE SEAS	5/7/2025	SE91-E	PS	1
ANTHEM OF THE SEAS	5/8/2025	PS	SE91-E	1
CARNIVAL LUMINOSA	5/8/2025	PS	SE91-I	1
CARNIVAL LUMINOSA	5/8/2025	SE91-I	PS	1
ANTHEM OF THE SEAS	5/9/2025	SE91-E	PS	1
EURODAM	5/10/2025	PS	SE91-I	1
EURODAM	5/10/2025	SE91-I	PS	1
NORWEGIAN BLISS	5/10/2025	PS	SE66-2	1
NORWEGIAN BLISS	5/10/2025	SE66-2	PS	1
DISCOVERY PRINCESS	5/11/2025	SE91-E	PS	1
DISCOVERY PRINCESS	5/11/2025	PS	SE91-E	1
NORWEGIAN ENCORE	5/11/2025	PS	SE66-2	1
NORWEGIAN ENCORE	5/11/2025	SE66-2	PS	1

WESTERDAM	5/11/2025	PS	SE91-I	1
WESTERDAM	5/11/2025	SE91-I	PS	1
NORWEGIAN JOY	5/12/2025	PS	SE66-2	1
NORWEGIAN JOY	5/12/2025	SE66-2	PS	1
QUANTUM OF THE SEAS	5/12/2025	PS	SE91-E	1
QUANTUM OF THE SEAS	5/12/2025	SE91-E	PS	1
CARNIVAL SPIRIT	5/13/2025	PS	SE91-I	1
CARNIVAL SPIRIT	5/13/2025	SE91-I	PS	1
CARNIVAL LUMINOSA	5/15/2025	PS	SE91-I	1
CARNIVAL LUMINOSA	5/15/2025	SE91-I	PS	1
ANTHEM OF THE SEAS	5/16/2025	PS	SE91-E	1
ANTHEM OF THE SEAS	5/16/2025	SE91-E	PS	1
EURODAM	5/17/2025	PS	SE91-I	1
EURODAM	5/17/2025	SE91-I	PS	1
NORWEGIAN BLISS	5/17/2025	PS	SE66-2	1
NORWEGIAN BLISS	5/17/2025	SE66-2	PS	1
ROYAL PRINCESS (1)	5/17/2025	PS	SE91-E	1
ROYAL PRINCESS (1)	5/17/2025	SE91-E	PS	1
DISCOVERY PRINCESS	5/18/2025	PS	SE91-E	1
DISCOVERY PRINCESS	5/18/2025	SE91-E	PS	1
NORWEGIAN ENCORE	5/18/2025	PS	SE66-2	1
NORWEGIAN ENCORE	5/18/2025	SE66-2	PS	1
WESTERDAM	5/18/2025	PS	SE91-I	1
WESTERDAM	5/18/2025	SE91-I	PS	1
QUANTUM OF THE SEAS	5/19/2025	PS	SE91-E	1
QUANTUM OF THE SEAS	5/19/2025	SE91-E	PS	1
CARNIVAL SPIRIT	5/20/2025	PS	SE91-I	1
CARNIVAL SPIRIT	5/20/2025	SE91-I	PS	1
NORWEGIAN JOY	5/21/2025	PS	SE66-2	1
NORWEGIAN JOY	5/21/2025	SE66-2	PS	1
CARNIVAL LUMINOSA	5/22/2025	PS	SE91-I	1
CARNIVAL LUMINOSA	5/22/2025	SE91-I	PS	1
ANTHEM OF THE SEAS	5/23/2025	SE91-E	PS	1
ANTHEM OF THE SEAS	5/23/2025	PS	SE91-E	1
CELEBRITY EDGE	5/23/2025	SE91-I	PS	1
CELEBRITY EDGE	5/23/2025	PS	SE91-I	1
GRAND PRINCESS	5/23/2025	SE66-2	PS	1
GRAND PRINCESS	5/23/2025	PS	SE66-2	1
EURODAM	5/24/2025	PS	SE91-I	1
EURODAM	5/24/2025	SE91-I	PS	1
NORWEGIAN BLISS	5/24/2025	PS	SE66-2	1
NORWEGIAN BLISS	5/24/2025	SE66-2	PS	1
ROYAL PRINCESS (1)	5/24/2025	PS	SE91-E	1
ROYAL PRINCESS (1)	5/24/2025	SE91-E	PS	1

DISCOVERY PRINCESS	5/25/2025	PS	SE91-E	1
DISCOVERY PRINCESS	5/25/2025	SE91-E	PS	1
NORWEGIAN ENCORE	5/25/2025	PS	SE66-2	1
NORWEGIAN ENCORE	5/25/2025	SE66-2	PS	1
WESTERDAM	5/25/2025	PS	SE91-I	1
WESTERDAM	5/25/2025	SE91-I	PS	1
QUANTUM OF THE SEAS	5/26/2025	PS	SE91-E	1
QUANTUM OF THE SEAS	5/26/2025	SE91-E	PS	1
CARNIVAL SPIRIT	5/27/2025	PS	SE91-I	1
CARNIVAL SPIRIT	5/27/2025	SE91-I	PS	1
CARNIVAL LUMINOSA	5/29/2025	PS	SE91-I	1
CARNIVAL LUMINOSA	5/29/2025	SE91-I	PS	1
ANTHEM OF THE SEAS	5/30/2025	PS	SE91-E	1
ANTHEM OF THE SEAS	5/30/2025	SE91-E	PS	1
CELEBRITY EDGE	5/30/2025	PS	SE91-I	1
CELEBRITY EDGE	5/30/2025	SE91-I	PS	1
NORWEGIAN JOY	5/30/2025	PS	SE66-2	1
NORWEGIAN JOY	5/30/2025	SE66-2	PS	1
EURODAM	5/31/2025	PS	SE91-I	1
EURODAM	5/31/2025	SE91-I	PS	1
NORWEGIAN BLISS	5/31/2025	PS	SE66-2	1
NORWEGIAN BLISS	5/31/2025	SE66-2	PS	1
ROYAL PRINCESS (1)	5/31/2025	PS	SE91-E	1
ROYAL PRINCESS (1)	5/31/2025	SE91-E	PS	1
DISCOVERY PRINCESS	6/1/2025	PS	SE91-E	1
DISCOVERY PRINCESS	6/1/2025	SE91-E	PS	1
NORWEGIAN ENCORE	6/1/2025	PS	SE66-2	1
NORWEGIAN ENCORE	6/1/2025	SE66-2	PS	1
WESTERDAM	6/1/2025	PS	SE91-I	1
WESTERDAM	6/1/2025	SE91-I	PS	1
QUANTUM OF THE SEAS	6/2/2025	PS	SE91-E	1
QUANTUM OF THE SEAS	6/2/2025	SE91-E	PS	1
SEVEN SEAS MARINER	6/2/2025	PS	SE66-2	1
CARNIVAL SPIRIT	6/3/2025	PS	SE91-I	1
CARNIVAL SPIRIT	6/3/2025	SE91-I	PS	1
SEVEN SEAS MARINER	6/3/2025	SE66-2	PS	1
CARNIVAL LUMINOSA	6/5/2025	PS	SE91-I	1
CARNIVAL LUMINOSA	6/5/2025	SE91-I	PS	1
ANTHEM OF THE SEAS	6/6/2025	PS	SE91-E	1
ANTHEM OF THE SEAS	6/6/2025	SE91-E	PS	1
CELEBRITY EDGE	6/6/2025	PS	SE91-I	1
CELEBRITY EDGE	6/6/2025	SE91-I	PS	1
EURODAM	6/7/2025	PS	SE91-I	1
EURODAM	6/7/2025	SE91-I	PS	1

NORWEGIAN BLISS	6/7/2025	PS	SE66-2	1
NORWEGIAN BLISS	6/7/2025	SE66-2	PS	1
ROYAL PRINCESS (1)	6/7/2025	PS	SE91-E	1
ROYAL PRINCESS (1)	6/7/2025	SE91-E	PS	1
DISCOVERY PRINCESS	6/8/2025	PS	SE91-E	1
DISCOVERY PRINCESS	6/8/2025	SE91-E	PS	1
NORWEGIAN ENCORE	6/8/2025	PS	SE66-2	1
NORWEGIAN ENCORE	6/8/2025	SE66-2	PS	1
WESTERDAM	6/8/2025	PS	SE91-I	1
WESTERDAM	6/8/2025	SE91-I	PS	1
NORWEGIAN JOY	6/9/2025	PS	SE66-2	1
NORWEGIAN JOY	6/9/2025	SE66-2	PS	1
QUANTUM OF THE SEAS	6/9/2025	PS	SE91-E	1
QUANTUM OF THE SEAS	6/9/2025	SE91-E	PS	1
CARNIVAL SPIRIT	6/10/2025	PS	SE91-I	1
CARNIVAL SPIRIT	6/10/2025	SE91-I	PS	1
CARNIVAL LUMINOSA	6/12/2025	PS	SE91-I	1
CARNIVAL LUMINOSA	6/12/2025	SE91-I	PS	1
QUEEN ELIZABETH	6/12/2025	PS	SE91-E	1
QUEEN ELIZABETH	6/12/2025	SE91-E	PS	1
ANTHEM OF THE SEAS	6/13/2025	PS	SE91-E	1
ANTHEM OF THE SEAS	6/13/2025	SE91-E	PS	1
CELEBRITY EDGE	6/13/2025	PS	SE91-I	1
CELEBRITY EDGE	6/13/2025	SE91-I	PS	1
EURODAM	6/14/2025	PS	SE91-I	1
EURODAM	6/14/2025	SE91-I	PS	1
NORWEGIAN BLISS	6/14/2025	PS	SE66-2	1
NORWEGIAN BLISS	6/14/2025	SE66-2	PS	1
ROYAL PRINCESS (1)	6/14/2025	PS	SE91-E	1
ROYAL PRINCESS (1)	6/14/2025	SE91-E	PS	1
DISCOVERY PRINCESS	6/15/2025	PS	SE91-E	1
DISCOVERY PRINCESS	6/15/2025	SE91-E	PS	1
NORWEGIAN ENCORE	6/15/2025	PS	SE66-2	1
NORWEGIAN ENCORE	6/15/2025	SE66-2	PS	1
QUANTUM OF THE SEAS	6/16/2025	PS	SE91-E	1
QUANTUM OF THE SEAS	6/16/2025	SE91-E	PS	1
CARNIVAL SPIRIT	6/17/2025	PS	SE91-I	1
CARNIVAL SPIRIT	6/17/2025	SE91-I	PS	1
NORWEGIAN JOY	6/18/2025	PS	SE66-2	1
NORWEGIAN JOY	6/18/2025	SE66-2	PS	1
CARNIVAL LUMINOSA	6/19/2025	PS	SE91-I	1
CARNIVAL LUMINOSA	6/19/2025	SE91-I	PS	1
ANTHEM OF THE SEAS	6/20/2025	PS	SE91-E	1
ANTHEM OF THE SEAS	6/20/2025	SE91-E	PS	1

CELEBRITY EDGE	6/20/2025	PS	SE91-I	1
CELEBRITY EDGE	6/20/2025	SE91-I	PS	1
EURODAM	6/21/2025	PS	SE91-I	1
EURODAM	6/21/2025	SE91-I	PS	1
NORWEGIAN BLISS	6/21/2025	PS	SE66-2	1
NORWEGIAN BLISS	6/21/2025	SE66-2	PS	1
ROYAL PRINCESS (1)	6/21/2025	PS	SE91-E	1
ROYAL PRINCESS (1)	6/21/2025	SE91-E	PS	1
DISCOVERY PRINCESS	6/22/2025	PS	SE91-E	1
DISCOVERY PRINCESS	6/22/2025	SE91-E	PS	1
NORWEGIAN ENCORE	6/22/2025	PS	SE66-2	1
NORWEGIAN ENCORE	6/22/2025	SE66-2	PS	1
QUANTUM OF THE SEAS	6/23/2025	PS	SE91-E	1
QUANTUM OF THE SEAS	6/23/2025	SE91-E	PS	1
QUEEN ELIZABETH	6/23/2025	PS	SE91-I	1
QUEEN ELIZABETH	6/23/2025	SE91-I	PS	1
CARNIVAL SPIRIT	6/24/2025	PS	SE91-I	1
CARNIVAL SPIRIT	6/24/2025	SE91-I	PS	1
ODYSSEY	6/25/2025	PS	SE91-E	1
CARNIVAL LUMINOSA	6/26/2025	PS	SE91-I	1
CARNIVAL LUMINOSA	6/26/2025	SE91-I	PS	1
ODYSSEY	6/26/2025	SE91-E	PS	1
RIVIERA	6/26/2025	PS	SE66-2	1
RIVIERA	6/26/2025	SE66-2	PS	1
ANTHEM OF THE SEAS	6/27/2025	PS	SE91-E	1
ANTHEM OF THE SEAS	6/27/2025	SE91-E	PS	1
CELEBRITY EDGE	6/27/2025	PS	SE91-I	1
CELEBRITY EDGE	6/27/2025	SE91-I	PS	1
NORWEGIAN JOY	6/27/2025	PS	SE66-2	1
NORWEGIAN JOY	6/27/2025	SE66-2	PS	1
EURODAM	6/28/2025	PS	SE91-I	1
EURODAM	6/28/2025	SE91-I	PS	1
NORWEGIAN BLISS	6/28/2025	PS	SE66-2	1
NORWEGIAN BLISS	6/28/2025	SE66-2	PS	1
ROYAL PRINCESS (1)	6/28/2025	PS	SE91-E	1
ROYAL PRINCESS (1)	6/28/2025	SE91-E	PS	1
DISCOVERY PRINCESS	6/29/2025	PS	SE91-E	1
DISCOVERY PRINCESS	6/29/2025	SE91-E	PS	1
NORWEGIAN ENCORE	6/29/2025	PS	SE66-2	1
NORWEGIAN ENCORE	6/29/2025	SE66-2	PS	1
QUANTUM OF THE SEAS	6/30/2025	PS	SE91-E	1
QUANTUM OF THE SEAS	6/30/2025	SE91-E	PS	1
CARNIVAL SPIRIT	7/1/2025	PS	SE91-I	1
CARNIVAL SPIRIT	7/1/2025	SE91-I	PS	1

CARNIVAL LUMINOSA	7/3/2025	PS	SE91-I	1
CARNIVAL LUMINOSA	7/3/2025	SE91-I	PS	1
QUEEN ELIZABETH	7/3/2025	PS	SE91-E	1
QUEEN ELIZABETH	7/3/2025	SE91-E	PS	1
ANTHEM OF THE SEAS	7/4/2025	PS	SE91-E	1
ANTHEM OF THE SEAS	7/4/2025	SE91-E	PS	1
CELEBRITY EDGE	7/4/2025	PS	SE91-I	1
CELEBRITY EDGE	7/4/2025	SE91-I	PS	1
EURODAM	7/5/2025	PS	SE91-I	1
EURODAM	7/5/2025	SE91-I	PS	1
NORWEGIAN BLISS	7/5/2025	PS	SE66-2	1
NORWEGIAN BLISS	7/5/2025	SE66-2	PS	1
ROYAL PRINCESS (1)	7/5/2025	PS	SE91-E	1
ROYAL PRINCESS (1)	7/5/2025	SE91-E	PS	1
DISCOVERY PRINCESS	7/6/2025	PS	SE91-E	1
DISCOVERY PRINCESS	7/6/2025	SE91-E	PS	1
NORWEGIAN ENCORE	7/6/2025	PS	SE66-2	1
NORWEGIAN ENCORE	7/6/2025	SE66-2	PS	1
WESTERDAM	7/6/2025	PS	SE91-I	1
WESTERDAM	7/6/2025	SE91-I	PS	1
NORWEGIAN JOY	7/7/2025	PS	SE66-2	1
NORWEGIAN JOY	7/7/2025	SE66-2	PS	1
QUANTUM OF THE SEAS	7/7/2025	PS	SE91-E	1
QUANTUM OF THE SEAS	7/7/2025	SE91-E	PS	1
CARNIVAL SPIRIT	7/8/2025	PS	SE91-I	1
CARNIVAL SPIRIT	7/8/2025	SE91-I	PS	1
RIVIERA	7/8/2025	PS	SE66-2	1
RIVIERA	7/8/2025	SE66-2	PS	1
CARNIVAL LUMINOSA	7/10/2025	PS	SE91-E	1
CARNIVAL LUMINOSA	7/10/2025	SE91-E	PS	1
QUEEN ELIZABETH	7/10/2025	PS	SE91-I	1
QUEEN ELIZABETH	7/10/2025	SE91-I	PS	1
ANTHEM OF THE SEAS	7/11/2025	PS	SE91-E	1
ANTHEM OF THE SEAS	7/11/2025	SE91-E	PS	1
CELEBRITY EDGE	7/11/2025	PS	SE91-I	1
CELEBRITY EDGE	7/11/2025	SE91-I	PS	1
EURODAM	7/12/2025	PS	SE91-I	1
EURODAM	7/12/2025	SE91-I	PS	1
NORWEGIAN BLISS	7/12/2025	PS	SE66-2	1
NORWEGIAN BLISS	7/12/2025	SE66-2	PS	1
ROYAL PRINCESS (1)	7/12/2025	PS	SE91-E	1
ROYAL PRINCESS (1)	7/12/2025	SE91-E	PS	1
DISCOVERY PRINCESS	7/13/2025	PS	SE91-E	1
DISCOVERY PRINCESS	7/13/2025	SE91-E	PS	1

NORWEGIAN ENCORE	7/13/2025	PS	SE66-2	1
NORWEGIAN ENCORE	7/13/2025	SE66-2	PS	1
WESTERDAM	7/13/2025	PS	SE91-I	1
WESTERDAM	7/13/2025	SE91-I	PS	1
QUANTUM OF THE SEAS	7/14/2025	PS	SE91-E	1
QUANTUM OF THE SEAS	7/14/2025	SE91-E	PS	1
CARNIVAL SPIRIT	7/15/2025	PS	SE91-I	1
CARNIVAL SPIRIT	7/15/2025	SE91-I	PS	1
NORWEGIAN JOY	7/16/2025	PS	SE66-2	1
NORWEGIAN JOY	7/16/2025	SE66-2	PS	1
CARNIVAL LUMINOSA	7/17/2025	PS	SE91-I	1
CARNIVAL LUMINOSA	7/17/2025	SE91-I	PS	1
RIVIERA	7/17/2025	PS	SE66-2	1
RIVIERA	7/17/2025	SE66-2	PS	1
ANTHEM OF THE SEAS	7/18/2025	PS	SE91-E	1
ANTHEM OF THE SEAS	7/18/2025	SE91-E	PS	1
CELEBRITY EDGE	7/18/2025	PS	SE91-I	1
CELEBRITY EDGE	7/18/2025	SE91-I	PS	1
EURODAM	7/18/2025	PS	SE91-I	1
EURODAM	7/19/2025	SE91-I	PS	1
NORWEGIAN BLISS	7/19/2025	PS	SE66-2	1
NORWEGIAN BLISS	7/19/2025	SE66-2	PS	1
ROYAL PRINCESS (1)	7/19/2025	PS	SE91-E	1
ROYAL PRINCESS (1)	7/19/2025	SE91-E	PS	1
DISCOVERY PRINCESS	7/20/2025	PS	SE91-E	1
DISCOVERY PRINCESS	7/20/2025	SE91-E	PS	1
NORWEGIAN ENCORE	7/20/2025	PS	SE66-2	1
NORWEGIAN ENCORE	7/20/2025	SE66-2	PS	1
WESTERDAM	7/20/2025	PS	SE91-I	1
WESTERDAM	7/20/2025	SE91-I	PS	1
QUANTUM OF THE SEAS	7/21/2025	PS	SE91-E	1
QUANTUM OF THE SEAS	7/21/2025	SE91-E	PS	1
QUEEN ELIZABETH	7/21/2025	PS	SE91-I	1
QUEEN ELIZABETH	7/21/2025	SE91-I	PS	1
CARNIVAL SPIRIT	7/22/2025	PS	SE91-I	1
CARNIVAL SPIRIT	7/22/2025	SE91-I	PS	1
CARNIVAL LUMINOSA	7/24/2025	PS	SE91-I	1
CARNIVAL LUMINOSA	7/24/2025	SE91-I	PS	1
ANTHEM OF THE SEAS	7/25/2025	PS	SE91-E	1
ANTHEM OF THE SEAS	7/25/2025	SE91-E	PS	1
CELEBRITY EDGE	7/25/2025	PS	SE91-I	1
CELEBRITY EDGE	7/25/2025	SE91-I	PS	1
NORWEGIAN JOY	7/25/2025	PS	SE66-2	1
NORWEGIAN JOY	7/25/2025	SE66-2	PS	1

EURODAM	7/26/2025	PS	SE91-I	1
EURODAM	7/26/2025	SE91-I	PS	1
NORWEGIAN BLISS	7/26/2025	PS	SE66-2	1
NORWEGIAN BLISS	7/26/2025	SE66-2	PS	1
ROYAL PRINCESS (1)	7/26/2025	PS	SE91-E	1
ROYAL PRINCESS (1)	7/26/2025	SE91-E	PS	1
DISCOVERY PRINCESS	7/27/2025	PS	SE91-E	1
DISCOVERY PRINCESS	7/27/2025	SE91-E	PS	1
NORWEGIAN ENCORE	7/27/2025	PS	SE66-2	1
NORWEGIAN ENCORE	7/27/2025	SE66-2	PS	1
WESTERDAM	7/27/2025	PS	SE91-I	1
WESTERDAM	7/27/2025	SE91-I	PS	1
QUANTUM OF THE SEAS	7/28/2025	PS	SE91-E	1
QUANTUM OF THE SEAS	7/28/2025	SE91-E	PS	1
CARNIVAL SPIRIT	7/29/2025	PS	SE91-I	1
CARNIVAL SPIRIT	7/29/2025	SE91-I	PS	1
RIVIERA	7/29/2025	PS	SE66-2	1
RIVIERA	7/29/2025	SE66-2	PS	1
CARNIVAL LUMINOSA	7/31/2025	PS	SE91-I	1
CARNIVAL LUMINOSA	7/31/2025	SE91-I	PS	1
QUEEN ELIZABETH	7/31/2025	PS	SE91-E	1
QUEEN ELIZABETH	7/31/2025	SE91-E	PS	1
ANTHEM OF THE SEAS	8/1/2025	PS	SE91-E	1
ANTHEM OF THE SEAS	8/1/2025	SE91-E	PS	1
CELEBRITY EDGE	8/1/2025	PS	SE91-I	1
CELEBRITY EDGE	8/1/2025	SE91-I	PS	1
EURODAM	8/2/2025	PS	SE91-I	1
EURODAM	8/2/2025	SE91-I	PS	1
NORWEGIAN BLISS	8/2/2025	PS	SE66-2	1
NORWEGIAN BLISS	8/2/2025	SE66-2	PS	1
ROYAL PRINCESS (1)	8/2/2025	PS	SE91-E	1
ROYAL PRINCESS (1)	8/2/2025	SE91-E	PS	1
WESTERDAM	8/2/2025	PS	SE91-I	1
DISCOVERY PRINCESS	8/3/2025	PS	SE91-E	1
DISCOVERY PRINCESS	8/3/2025	SE91-E	PS	1
NORWEGIAN ENCORE	8/3/2025	PS	SE66-2	1
NORWEGIAN ENCORE	8/3/2025	SE66-2	PS	1
WESTERDAM	8/3/2025	SE91-I	PS	1
NORWEGIAN JOY	8/4/2025	PS	SE66-2	1
NORWEGIAN JOY	8/4/2025	SE66-2	PS	1
QUANTUM OF THE SEAS	8/4/2025	PS	SE91-E	1
QUANTUM OF THE SEAS	8/4/2025	SE91-E	PS	1
CARNIVAL SPIRIT	8/5/2025	PS	SE91-I	1
CARNIVAL SPIRIT	8/5/2025	SE91-I	PS	1

CARNIVAL LUMINOSA	8/7/2025	PS	SE91-I	1
CARNIVAL LUMINOSA	8/7/2025	SE91-I	PS	1
RIVIERA	8/7/2025	PS	SE66-2	1
ANTHEM OF THE SEAS	8/8/2025	PS	SE91-E	1
ANTHEM OF THE SEAS	8/8/2025	SE91-E	PS	1
CELEBRITY EDGE	8/8/2025	PS	SE91-I	1
CELEBRITY EDGE	8/8/2025	SE91-I	PS	1
EURODAM	8/9/2025	PS	SE91-I	1
EURODAM	8/9/2025	SE91-I	PS	1
NORWEGIAN BLISS	8/9/2025	PS	SE66-2	1
NORWEGIAN BLISS	8/9/2025	SE66-2	PS	1
RIVIERA	8/9/2025	SE66-2	PS	1
ROYAL PRINCESS (1)	8/9/2025	PS	SE91-E	1
ROYAL PRINCESS (1)	8/9/2025	SE91-E	PS	1
DISCOVERY PRINCESS	8/10/2025	PS	SE91-E	1
DISCOVERY PRINCESS	8/10/2025	SE91-E	PS	1
NORWEGIAN ENCORE	8/10/2025	PS	SE66-2	1
NORWEGIAN ENCORE	8/10/2025	SE66-2	PS	1
WESTERDAM	8/10/2025	PS	SE91-I	1
WESTERDAM	8/10/2025	SE91-I	PS	1
QUANTUM OF THE SEAS	8/11/2025	PS	SE91-E	1
QUANTUM OF THE SEAS	8/11/2025	SE91-E	PS	1
QUEEN ELIZABETH	8/11/2025	PS	SE91-I	1
QUEEN ELIZABETH	8/11/2025	SE91-I	PS	1
CARNIVAL SPIRIT	8/12/2025	PS	SE91-I	1
CARNIVAL SPIRIT	8/12/2025	SE91-I	PS	1
NORWEGIAN JOY	8/13/2025	PS	SE66-2	1
NORWEGIAN JOY	8/13/2025	SE66-2	PS	1
CARNIVAL LUMINOSA	8/14/2025	PS	SE91-I	1
CARNIVAL LUMINOSA	8/14/2025	SE91-I	PS	1
ANTHEM OF THE SEAS	8/15/2025	PS	SE91-E	1
ANTHEM OF THE SEAS	8/15/2025	SE91-E	PS	1
CELEBRITY EDGE	8/15/2025	PS	SE91-I	1
CELEBRITY EDGE	8/15/2025	SE91-I	PS	1
EURODAM	8/16/2025	PS	SE91-I	1
EURODAM	8/16/2025	SE91-I	PS	1
NORWEGIAN BLISS	8/16/2025	PS	SE66-2	1
NORWEGIAN BLISS	8/16/2025	SE66-2	PS	1
ROYAL PRINCESS (1)	8/16/2025	PS	SE91-E	1
ROYAL PRINCESS (1)	8/16/2025	SE91-E	PS	1
DISCOVERY PRINCESS	8/17/2025	PS	SE91-E	1
DISCOVERY PRINCESS	8/17/2025	SE91-E	PS	1
NORWEGIAN ENCORE	8/17/2025	PS	SE66-2	1
NORWEGIAN ENCORE	8/17/2025	SE66-2	PS	1

WESTERDAM	8/17/2025	PS	SE91-I	1
WESTERDAM	8/17/2025	SE91-I	PS	1
QUANTUM OF THE SEAS	8/18/2025	PS	SE91-E	1
QUANTUM OF THE SEAS	8/18/2025	SE91-E	PS	1
RIVIERA	8/18/2025	PS	SE66-2	1
RIVIERA	8/18/2025	SE66-2	PS	1
CARNIVAL SPIRIT	8/19/2025	PS	SE91-I	1
CARNIVAL SPIRIT	8/19/2025	SE91-I	PS	1
CARNIVAL LUMINOSA	8/21/2025	PS	SE91-I	1
CARNIVAL LUMINOSA	8/21/2025	SE91-I	PS	1
QUEEN ELIZABETH	8/21/2025	PS	SE91-E	1
QUEEN ELIZABETH	8/21/2025	SE91-E	PS	1
ANTHEM OF THE SEAS	8/22/2025	PS	SE91-E	1
ANTHEM OF THE SEAS	8/22/2025	SE91-E	PS	1
CELEBRITY EDGE	8/22/2025	PS	SE91-I	1
CELEBRITY EDGE	8/22/2025	SE91-I	PS	1
NORWEGIAN JOY	8/22/2025	PS	SE66-2	1
NORWEGIAN JOY	8/22/2025	SE66-2	PS	1
EURODAM	8/23/2025	PS	SE91-I	1
EURODAM	8/23/2025	SE91-I	PS	1
NORWEGIAN BLISS	8/23/2025	PS	SE66-2	1
NORWEGIAN BLISS	8/23/2025	SE66-2	PS	1
ROYAL PRINCESS (1)	8/23/2025	PS	SE91-E	1
ROYAL PRINCESS (1)	8/23/2025	SE91-E	PS	1
DISCOVERY PRINCESS	8/24/2025	PS	SE91-E	1
DISCOVERY PRINCESS	8/24/2025	SE91-E	PS	1
NORWEGIAN ENCORE	8/24/2025	PS	SE66-2	1
NORWEGIAN ENCORE	8/24/2025	SE66-2	PS	1
WESTERDAM	8/24/2025	PS	SE91-I	1
WESTERDAM	8/24/2025	SE91-I	PS	1
QUANTUM OF THE SEAS	8/25/2025	PS	SE91-E	1
QUANTUM OF THE SEAS	8/25/2025	SE91-E	PS	1
CARNIVAL SPIRIT	8/26/2025	PS	SE91-I	1
CARNIVAL SPIRIT	8/26/2025	SE91-I	PS	1
CARNIVAL LUMINOSA	8/28/2025	PS	SE91-I	1
CARNIVAL LUMINOSA	8/28/2025	SE91-I	PS	1
QUEEN ELIZABETH	8/28/2025	PS	SE91-E	1
QUEEN ELIZABETH	8/28/2025	SE91-E	PS	1
RIVIERA	8/28/2025	PS	SE66-2	1
RIVIERA	8/28/2025	SE66-2	PS	1
ANTHEM OF THE SEAS	8/29/2025	PS	SE91-E	1
ANTHEM OF THE SEAS	8/29/2025	SE91-E	PS	1
CELEBRITY EDGE	8/29/2025	PS	SE91-I	1
CELEBRITY EDGE	8/29/2025	SE91-I	PS	1

EURODAM	8/30/2025	PS	SE91-I	1
EURODAM	8/30/2025	SE91-I	PS	1
NORWEGIAN BLISS	8/30/2025	PS	SE66-2	1
NORWEGIAN BLISS	8/30/2025	SE66-2	PS	1
ROYAL PRINCESS (1)	8/30/2025	PS	SE91-E	1
ROYAL PRINCESS (1)	8/30/2025	SE91-E	PS	1
DISCOVERY PRINCESS	8/31/2025	PS	SE91-E	1
DISCOVERY PRINCESS	8/31/2025	SE91-E	PS	1
NORWEGIAN ENCORE	8/31/2025	PS	SE66-2	1
NORWEGIAN ENCORE	8/31/2025	SE66-2	PS	1
WESTERDAM	8/31/2025	PS	SE91-I	1
WESTERDAM	8/31/2025	SE91-I	PS	1
NORWEGIAN JOY	9/1/2025	PS	SE66-2	1
NORWEGIAN JOY	9/1/2025	SE66-2	PS	1
QUANTUM OF THE SEAS	9/1/2025	PS	SE91-E	1
QUANTUM OF THE SEAS	9/1/2025	SE91-E	PS	1
CARNIVAL SPIRIT	9/2/2025	PS	SE91-I	1
CARNIVAL SPIRIT	9/2/2025	SE91-I	PS	1
CARNIVAL LUMINOSA	9/4/2025	PS	SE91-I	1
CARNIVAL LUMINOSA	9/4/2025	SE91-I	PS	1
ANTHEM OF THE SEAS	9/5/2025	PS	SE91-E	1
ANTHEM OF THE SEAS	9/5/2025	SE91-E	PS	1
CELEBRITY EDGE	9/5/2025	PS	SE91-I	1
CELEBRITY EDGE	9/5/2025	SE91-I	PS	1
EURODAM	9/6/2025	PS	SE91-I	1
EURODAM	9/6/2025	SE91-I	PS	1
NORWEGIAN BLISS	9/6/2025	PS	SE66-2	1
NORWEGIAN BLISS	9/6/2025	SE66-2	PS	1
ROYAL PRINCESS (1)	9/6/2025	PS	SE91-E	1
ROYAL PRINCESS (1)	9/6/2025	SE91-E	PS	1
DISCOVERY PRINCESS	9/7/2025	PS	SE91-E	1
DISCOVERY PRINCESS	9/7/2025	SE91-E	PS	1
NORWEGIAN ENCORE	9/7/2025	PS	SE66-2	1
NORWEGIAN ENCORE	9/7/2025	SE66-2	PS	1
QUANTUM OF THE SEAS	9/8/2025	PS	SE91-E	1
QUANTUM OF THE SEAS	9/8/2025	SE91-E	SE91-E	1
QUANTUM OF THE SEAS	9/8/2025	SE91-E	PS	1
QUEEN ELIZABETH	9/8/2025	PS	SE91-I	1
QUEEN ELIZABETH	9/8/2025	SE91-I	PS	1
CARNIVAL SPIRIT	9/9/2025	PS	SE91-I	1
CARNIVAL SPIRIT	9/9/2025	SE91-I	PS	1
RIVIERA	9/9/2025	PS	SE66-2	1
RIVIERA	9/9/2025	SE66-2	PS	1
NORWEGIAN JOY	9/10/2025	PS	SE66-2	1

NORWEGIAN JOY	9/10/2025	SE66-2	PS	1
CARNIVAL LUMINOSA	9/11/2025	PS	SE91-I	1
CARNIVAL LUMINOSA	9/11/2025	SE91-I	PS	1
ANTHEM OF THE SEAS	9/12/2025	PS	SE91-E	1
ANTHEM OF THE SEAS	9/12/2025	SE91-E	PS	1
CELEBRITY EDGE	9/12/2025	PS	SE91-I	1
CELEBRITY EDGE	9/12/2025	SE91-I	PS	1
EURODAM	9/13/2025	PS	SE91-I	1
EURODAM	9/13/2025	SE91-I	PS	1
NORWEGIAN BLISS	9/13/2025	PS	SE66-2	1
NORWEGIAN BLISS	9/13/2025	SE66-2	PS	1
ROYAL PRINCESS (1)	9/13/2025	PS	SE91-E	1
ROYAL PRINCESS (1)	9/13/2025	SE91-E	PS	1
DISCOVERY PRINCESS	9/14/2025	PS	SE91-E	1
DISCOVERY PRINCESS	9/14/2025	SE91-E	PS	1
NORWEGIAN ENCORE	9/14/2025	PS	SE66-2	1
NORWEGIAN ENCORE	9/14/2025	SE66-2	PS	1
NORWEGIAN JADE	9/15/2025	PS	SE66-2	1
NORWEGIAN JADE	9/15/2025	SE66-2	PS	1
QUANTUM OF THE SEAS	9/15/2025	PS	SE91-E	1
QUANTUM OF THE SEAS	9/15/2025	SE91-E	PS	1
SERENADE OF THE SEAS	9/15/2025	PS	SE91-I	1
SERENADE OF THE SEAS	9/15/2025	SE91-I	PS	1
CARNIVAL SPIRIT	9/16/2025	PS	SE91-I	1
CARNIVAL SPIRIT	9/16/2025	SE91-I	PS	1
CARNIVAL LUMINOSA	9/18/2025	PS	SE91-I	1
CARNIVAL LUMINOSA	9/18/2025	SE91-I	PS	1
QUEEN ELIZABETH	9/18/2025	PS	SE91-E	1
QUEEN ELIZABETH	9/18/2025	SE91-E	PS	1
RIVIERA	9/18/2025	PS	SE66-2	1
RIVIERA	9/18/2025	SE66-2	PS	1
ANTHEM OF THE SEAS	9/19/2025	SE91-E	PS	1
ANTHEM OF THE SEAS	9/19/2025	PS	SE91-E	1
NORWEGIAN JOY	9/19/2025	SE66-2	PS	1
NORWEGIAN JOY	9/19/2025	PS	SE66-2	1
EURODAM	9/20/2025	PS	SE91-I	1
EURODAM	9/20/2025	SE91-I	PS	1
NORWEGIAN BLISS	9/20/2025	PS	SE66-2	1
NORWEGIAN BLISS	9/20/2025	SE66-2	PS	1
ROYAL PRINCESS (1)	9/20/2025	PS	SE91-E	1
ROYAL PRINCESS (1)	9/20/2025	SE91-E	PS	1
DISCOVERY PRINCESS	9/21/2025	PS	SE91-E	1
DISCOVERY PRINCESS	9/21/2025	SE91-E	PS	1
NORWEGIAN ENCORE	9/21/2025	PS	SE66-2	1

NORWEGIAN ENCORE	9/21/2025	SE66-2	PS	1
NORWEGIAN JADE	9/21/2025	PS	SE91-I	1
NORWEGIAN JADE	9/21/2025	SE91-I	PS	1
QUANTUM OF THE SEAS	9/22/2025	PS	SE91-E	1
QUANTUM OF THE SEAS	9/22/2025	SE91-E	PS	1
CORAL PRINCESS	9/25/2025	PS	SE66-2	1
CORAL PRINCESS	9/25/2025	SE66-2	PS	1
QUEEN ELIZABETH	9/25/2025	PS	SE91-I	1
QUEEN ELIZABETH	9/25/2025	SE91-I	PS	1
ANTHEM OF THE SEAS	9/26/2025	PS	SE91-E	1
ANTHEM OF THE SEAS	9/26/2025	SE91-E	PS	1
CARNIVAL SPIRIT	9/26/2025	PS	SE91-I	1
CARNIVAL SPIRIT	9/26/2025	SE91-I	PS	1
FRIDTJOF NANSEN	9/26/2025	PS	SE66-2	1
FRIDTJOF NANSEN	9/26/2025	SE66-2	PS	1
EURODAM	9/27/2025	PS	SE91-I	1
EURODAM	9/27/2025	SE91-I	PS	1
NORWEGIAN BLISS	9/27/2025	PS	SE66-2	1
NORWEGIAN BLISS	9/27/2025	SE66-2	PS	1
DISCOVERY PRINCESS	9/28/2025	PS	SE91-E	1
DISCOVERY PRINCESS	9/28/2025	SE91-E	PS	1
NORWEGIAN ENCORE	9/28/2025	PS	SE66-2	1
NORWEGIAN ENCORE	9/28/2025	SE66-2	PS	1
WESTERDAM	9/28/2025	PS	SE91-I	1
WESTERDAM	9/28/2025	SE91-I	PS	1
NORWEGIAN JOY	9/29/2025	PS	SE66-2	1
NORWEGIAN JOY	9/29/2025	SE66-2	PS	1
QUANTUM OF THE SEAS	9/29/2025	PS	SE91-E	1
QUANTUM OF THE SEAS	9/29/2025	SE91-E	PS	1
ANTHEM OF THE SEAS	10/3/2025	PS	SE91-E	1
ANTHEM OF THE SEAS	10/3/2025	SE91-E	PS	1
EURODAM	10/4/2025	PS	SE91-I	1
EURODAM	10/4/2025	SE91-I	PS	1
NORWEGIAN BLISS	10/4/2025	PS	SE66-2	1
NORWEGIAN BLISS	10/4/2025	SE66-2	PS	1
ANTHEM OF THE SEAS	10/5/2025	PS	SE91-E	1
NOORDAM	10/5/2025	PS	SE91-I	1
NOORDAM	10/5/2025	SE91-I	PS	1
NORWEGIAN ENCORE	10/5/2025	PS	SE66-2	1
NORWEGIAN ENCORE	10/5/2025	SE66-2	PS	1
ANTHEM OF THE SEAS	10/6/2025	SE91-E	PS	1
RUBY PRINCESS	10/9/2025	PS	SE66-2	1
RUBY PRINCESS	10/9/2025	SE66-2	PS	1
CARNIVAL SPIRIT	10/11/2025	PS	SE91-I	1

CARNIVAL SPIRIT	10/11/2025	SE91-I	PS	1
NOORDAM	10/11/2025	PS	SE91-I	1
NORWEGIAN BLISS	10/11/2025	PS	SE66-2	1
NORWEGIAN BLISS	10/11/2025	SE66-2	PS	1
NOORDAM	10/12/2025	SE91-I	PS	1
NORWEGIAN ENCORE	10/12/2025	PS	SE66-2	1
NORWEGIAN ENCORE	10/12/2025	SE66-2	PS	1
NORWEGIAN JADE	10/13/2025	PS	SE66-2	1
NORWEGIAN JADE	10/13/2025	SE66-2	PS	1
NORWEGIAN BLISS	10/18/2025	PS	SE66-2	1
NORWEGIAN BLISS	10/18/2025	SE66-2	PS	1
NORWEGIAN ENCORE	10/19/2025	PS	SE66-2	1
NORWEGIAN ENCORE	10/19/2025	SE66-2	PS	1
Trailing 24 Total				1156
Average per 12				578

DAY	DATE	VESSEL	FROM	TO	#
WED	4/15/2026	NORWEGIAN BLISS	PS	SE66	1
WED	4/15/2026	NORWEGIAN BLISS	SE66	PS	1
FRI	4/17/2026	NORWEGIAN JADE	PS	SE66	1
FRI	4/17/2026	NORWEGIAN JADE	SE66	PS	1
SUN	4/19/2026	NOORDAM	PS	SE91	1
SUN	4/19/2026	NOORDAM	SE91	PS	1
SAT	4/25/2026	EURODAM	PS	SE91	1
SAT	4/25/2026	EURODAM	SE91	PS	1
SAT	4/25/2026	NORWEGIAN BLISS	PS	SE66	1
SAT	4/25/2026	NORWEGIAN BLISS	SE66	PS	1
SUN	4/26/2026	NOORDAM	PS	SE91	1
SUN	4/26/2026	NOORDAM	SE91	PS	1
MON	4/27/2026	CARNIVAL MIRACLE	PS	SE91	1
MON	4/27/2026	CARNIVAL MIRACLE	SE91	PS	1
TUE	4/28/2026	CARNIVAL SPIRIT	PS	SE91	1
TUE	4/28/2026	CARNIVAL SPIRIT	SE91	PS	1
WED	4/29/2026	VOLENDAM	PS	SE66	1
WED	4/29/2026	VOLENDAM	SE66	PS	1
THUR	4/30/2026	RUBY PRINCESS	PS	SE91	1
THUR	4/30/2026	RUBY PRINCESS	SE91	PS	1
SAT	5/2/2026	EURODAM	PS	SE91	1
SAT	5/2/2026	EURODAM	SE91	PS	1
SAT	5/2/2026	NORWEGIAN BLISS	PS	SE66	1
SAT	5/2/2026	NORWEGIAN BLISS	SE66	PS	1
SUN	5/3/2026	NOORDAM	PS	SE91	1
SUN	5/3/2026	NOORDAM	SE91	PS	1
SUN	5/3/2026	NORWEGIAN ENCORE	PS	SE66	1
SUN	5/3/2026	NORWEGIAN ENCORE	SE66	PS	1
SUN	5/3/2026	STAR PRINCESS	PS	SE91	1
SUN	5/3/2026	STAR PRINCESS	SE91	PS	1
MON	5/4/2026	NORWEGIAN JOY	PS	SE66	1
MON	5/4/2026	NORWEGIAN JOY	SE66	PS	1
MON	5/4/2026	QUEEN ELIZABETH	PS	SE91	1
MON	5/4/2026	QUEEN ELIZABETH	SE91	PS	1
TUE	5/5/2026	CARNIVAL SPIRIT	PS	SE91	1
TUE	5/5/2026	CARNIVAL SPIRIT	SE91	PS	1
WED	5/6/2026	STAR SEEKER	PS	SE66	1
WED	5/6/2026	STAR SEEKER	SE66	PS	1
THUR	5/7/2026	CARNIVAL MIRACLE	PS	SE91	1

Source: <https://www.portseatt>

THUR	5/7/2026	CARNIVAL MIRACLE	SE91	PS	1
THUR	5/7/2026	DISCOVERY PRINCESS	PS	SE66	1
THUR	5/7/2026	DISCOVERY PRINCESS	SE66	PS	1
FRI	5/8/2026	CORAL PRINCESS	PS	SE66	1
FRI	5/8/2026	CORAL PRINCESS	SE66	PS	1
FRI	5/8/2026	SERENADE OF THE SEAS	PS	SE91	1
FRI	5/8/2026	SERENADE OF THE SEAS	SE91	PS	1
FRI	5/8/2026	VOYAGER OF THE SEAS	PS	SE91	1
FRI	5/8/2026	VOYAGER OF THE SEAS	SE91	PS	1
SAT	5/9/2026	EURODAM	PS	SE91	1
SAT	5/9/2026	EURODAM	SE91	PS	1
SAT	5/9/2026	NORWEGIAN BLISS	PS	SE66	1
SAT	5/9/2026	NORWEGIAN BLISS	SE66	PS	1
SAT	5/9/2026	ROYAL PRINCESS	PS	SE91	1
SAT	5/9/2026	ROYAL PRINCESS	SE91	PS	1
SUN	5/10/2026	NOORDAM	PS	SE91	1
SUN	5/10/2026	NOORDAM	SE91	PS	1
SUN	5/10/2026	NORWEGIAN ENCORE	PS	SE66	1
SUN	5/10/2026	NORWEGIAN ENCORE	SE66	PS	1
SUN	5/10/2026	STAR PRINCESS	PS	SE91	1
SUN	5/10/2026	STAR PRINCESS	SE91	PS	1
MON	5/11/2026	ANTHEM OF THE SEAS	PS	SE91	1
MON	5/11/2026	ANTHEM OF THE SEAS	SE91	PS	1
MON	5/11/2026	MSC POESIA	PS	SE91	1
MON	5/11/2026	MSC POESIA	SE91	PS	1
MON	5/11/2026	SILVER NOVA	PS	SE66	1
MON	5/11/2026	SILVER NOVA	SE66	PS	1
TUE	5/12/2026	CARNIVAL SPIRIT	PS	SE91	1
TUE	5/12/2026	CARNIVAL SPIRIT	SE91	PS	1
WED	5/13/2026	NORWEGIAN JOY	PS	SE66	1
WED	5/13/2026	NORWEGIAN JOY	SE66	PS	1
THUR	5/14/2026	ASUKA II	PS	SE66	1
THUR	5/14/2026	ASUKA II	SE66	PS	1
THUR	5/14/2026	CARNIVAL MIRACLE	PS	SE91	1
THUR	5/14/2026	CARNIVAL MIRACLE	SE91	PS	1
THUR	5/14/2026	QUEEN ELIZABETH	PS	SE91	1
THUR	5/14/2026	QUEEN ELIZABETH	SE91	PS	1
FRI	5/15/2026	VOYAGER OF THE SEAS	PS	SE91	1
FRI	5/15/2026	VOYAGER OF THE SEAS	SE91	PS	1
SAT	5/16/2026	EURODAM	PS	SE91	1

SAT	5/16/2026	EURODAM	SE91	PS	1
SAT	5/16/2026	NORWEGIAN BLISS	PS	SE66	1
SAT	5/16/2026	NORWEGIAN BLISS	SE66	PS	1
SAT	5/16/2026	ROYAL PRINCESS	PS	SE91	1
SAT	5/16/2026	ROYAL PRINCESS	SE91	PS	1
SUN	5/17/2026	NOORDAM	PS	SE91	1
SUN	5/17/2026	NOORDAM	SE91	PS	1
SUN	5/17/2026	NORWEGIAN ENCORE	PS	SE66	1
SUN	5/17/2026	NORWEGIAN ENCORE	SE66	PS	1
SUN	5/17/2026	STAR PRINCESS	PS	SE91	1
SUN	5/17/2026	STAR PRINCESS	SE91	PS	1
MON	5/18/2026	ANTHEM OF THE SEAS	PS	SE91	1
MON	5/18/2026	ANTHEM OF THE SEAS	SE91	PS	1
MON	5/18/2026	MSC POESIA	PS	SE91	1
MON	5/18/2026	MSC POESIA	SE91	PS	1
TUE	5/19/2026	CARNIVAL SPIRIT	PS	SE91	1
TUE	5/19/2026	CARNIVAL SPIRIT	SE91	PS	1
THUR	5/21/2026	BRILLIANT LADY	PS	SE91	1
THUR	5/21/2026	BRILLIANT LADY	SE91	PS	1
THUR	5/21/2026	CARNIVAL MIRACLE	PS	SE91	1
THUR	5/21/2026	CARNIVAL MIRACLE	SE91	PS	1
THUR	5/21/2026	QUEEN ELIZABETH	PS	SE66	1
THUR	5/21/2026	QUEEN ELIZABETH	SE66	PS	1
FRI	5/22/2026	CELEBRITY EDGE	PS	SE91	1
FRI	5/22/2026	CELEBRITY EDGE	SE91	PS	1
FRI	5/22/2026	NORWEGIAN JOY	PS	SE66	1
FRI	5/22/2026	NORWEGIAN JOY	SE66	PS	1
FRI	5/22/2026	VOYAGER OF THE SEAS	PS	SE91	1
FRI	5/22/2026	VOYAGER OF THE SEAS	SE91	PS	1
SAT	5/23/2026	EURODAM	PS	SE91	1
SAT	5/23/2026	EURODAM	SE91	PS	1
SAT	5/23/2026	NORWEGIAN BLISS	PS	SE66	1
SAT	5/23/2026	NORWEGIAN BLISS	SE66	PS	1
SAT	5/23/2026	ROYAL PRINCESS	PS	SE91	1
SAT	5/23/2026	ROYAL PRINCESS	SE91	PS	1
SUN	5/24/2026	NOORDAM	PS	SE91	1
SUN	5/24/2026	NOORDAM	SE91	PS	1
SUN	5/24/2026	NORWEGIAN ENCORE	PS	SE66	1
SUN	5/24/2026	NORWEGIAN ENCORE	SE66	PS	1
SUN	5/24/2026	STAR PRINCESS	PS	SE91	1

SUN	5/24/2026	STAR PRINCESS	SE91	PS	1
MON	5/25/2026	ANTHEM OF THE SEAS	PS	SE91	1
MON	5/25/2026	ANTHEM OF THE SEAS	SE91	PS	1
MON	5/25/2026	MSC POESIA	PS	SE91	1
MON	5/25/2026	MSC POESIA	SE91	PS	1
MON	5/25/2026	OCEANIA RIVIERA	PS	SE66	1
MON	5/25/2026	OCEANIA RIVIERA	SE66	PS	1
TUE	5/26/2026	CARNIVAL SPIRIT	PS	SE91	1
TUE	5/26/2026	CARNIVAL SPIRIT	SE91	PS	1
THUR	5/28/2026	BRILLIANT LADY	PS	SE91	1
THUR	5/28/2026	BRILLIANT LADY	SE91	PS	1
THUR	5/28/2026	CARNIVAL MIRACLE	PS	SE91	1
THUR	5/28/2026	CARNIVAL MIRACLE	SE91	PS	1
FRI	5/29/2026	CELEBRITY EDGE	PS	SE91	1
FRI	5/29/2026	CELEBRITY EDGE	SE91	PS	1
FRI	5/29/2026	VOYAGER OF THE SEAS	PS	SE91	1
FRI	5/29/2026	VOYAGER OF THE SEAS	SE91	PS	1
SAT	5/30/2026	EURODAM	PS	SE91	1
SAT	5/30/2026	EURODAM	SE91	PS	1
SAT	5/30/2026	NORWEGIAN BLISS	PS	SE66	1
SAT	5/30/2026	NORWEGIAN BLISS	SE66	PS	1
SAT	5/30/2026	ROYAL PRINCESS	PS	SE91	1
SAT	5/30/2026	ROYAL PRINCESS	SE91	PS	1
SUN	5/31/2026	NOORDAM	PS	SE91	1
SUN	5/31/2026	NOORDAM	SE91	PS	1
SUN	5/31/2026	NORWEGIAN ENCORE	PS	SE66	1
SUN	5/31/2026	NORWEGIAN ENCORE	SE66	PS	1
SUN	5/31/2026	STAR PRINCESS	PS	SE91	1
SUN	5/31/2026	STAR PRINCESS	SE91	PS	1
MON	6/1/2026	ANTHEM OF THE SEAS	PS	SE91	1
MON	6/1/2026	ANTHEM OF THE SEAS	SE91	PS	1
MON	6/1/2026	MSC POESIA	PS	SE91	1
MON	6/1/2026	MSC POESIA	SE91	PS	1
MON	6/1/2026	NORWEGIAN JOY	PS	SE66	1
MON	6/1/2026	NORWEGIAN JOY	SE66	PS	1
TUE	6/2/2026	CARNIVAL SPIRIT	PS	SE91	1
TUE	6/2/2026	CARNIVAL SPIRIT	SE91	PS	1
TUE	6/2/2026	QUEEN ELIZABETH	PS	SE91	1
TUE	6/2/2026	QUEEN ELIZABETH	SE91	PS	1
THUR	6/4/2026	BRILLIANT LADY	PS	SE91	1

THUR	6/4/2026	BRILLIANT LADY	SE91	PS	1
THUR	6/4/2026	CARNIVAL MIRACLE	PS	SE91	1
THUR	6/4/2026	CARNIVAL MIRACLE	SE91	PS	1
FRI	6/5/2026	CELEBRITY EDGE	PS	SE91	1
FRI	6/5/2026	CELEBRITY EDGE	SE91	PS	1
FRI	6/5/2026	VOYAGER OF THE SEAS	PS	SE91	1
FRI	6/5/2026	VOYAGER OF THE SEAS	SE91	PS	1
SAT	6/6/2026	EURODAM	PS	SE91	1
SAT	6/6/2026	EURODAM	SE91	PS	1
SAT	6/6/2026	NORWEGIAN BLISS	PS	SE66	1
SAT	6/6/2026	NORWEGIAN BLISS	SE66	PS	1
SAT	6/6/2026	ROYAL PRINCESS	PS	SE91	1
SAT	6/6/2026	ROYAL PRINCESS	SE91	PS	1
SUN	6/7/2026	NOORDAM	PS	SE91	1
SUN	6/7/2026	NOORDAM	SE91	PS	1
SUN	6/7/2026	NORWEGIAN ENCORE	PS	SE66	1
SUN	6/7/2026	NORWEGIAN ENCORE	SE66	PS	1
SUN	6/7/2026	STAR PRINCESS	PS	SE91	1
SUN	6/7/2026	STAR PRINCESS	SE91	PS	1
MON	6/8/2026	ANTHEM OF THE SEAS	PS	SE91	1
MON	6/8/2026	ANTHEM OF THE SEAS	SE91	PS	1
MON	6/8/2026	MSC POESIA	PS	SE91	1
MON	6/8/2026	MSC POESIA	SE91	PS	1
TUE	6/9/2026	CARNIVAL SPIRIT	PS	SE91	1
TUE	6/9/2026	CARNIVAL SPIRIT	SE91	PS	1
WED	6/10/2026	NORWEGIAN JOY	PS	SE66	1
WED	6/10/2026	NORWEGIAN JOY	SE66	PS	1
THUR	6/11/2026	BRILLIANT LADY	PS	SE91	1
THUR	6/11/2026	BRILLIANT LADY	SE91	PS	1
THUR	6/11/2026	CARNIVAL MIRACLE	PS	SE91	1
THUR	6/11/2026	CARNIVAL MIRACLE	SE91	PS	1
THUR	6/11/2026	QUEEN ELIZABETH	PS	SE66	1
THUR	6/11/2026	QUEEN ELIZABETH	SE66	PS	1
FRI	6/12/2026	CELEBRITY EDGE	PS	SE91	1
FRI	6/12/2026	CELEBRITY EDGE	SE91	PS	1
FRI	6/12/2026	VOYAGER OF THE SEAS	PS	SE91	1
FRI	6/12/2026	VOYAGER OF THE SEAS	SE91	PS	1
SAT	6/13/2026	EURODAM	PS	SE91	1
SAT	6/13/2026	EURODAM	SE91	PS	1
SAT	6/13/2026	NORWEGIAN BLISS	PS	SE66	1

SAT	6/13/2026	NORWEGIAN BLISS	SE66	PS	1
SAT	6/13/2026	ROYAL PRINCESS	PS	SE91	1
SAT	6/13/2026	ROYAL PRINCESS	SE91	PS	1
SUN	6/14/2026	NORWEGIAN ENCORE	PS	SE66	1
SUN	6/14/2026	NORWEGIAN ENCORE	SE66	PS	1
SUN	6/14/2026	STAR PRINCESS	PS	SE91	1
SUN	6/14/2026	STAR PRINCESS	SE91	PS	1
MON	6/15/2026	ANTHEM OF THE SEAS	PS	SE91	1
MON	6/15/2026	ANTHEM OF THE SEAS	SE91	PS	1
MON	6/15/2026	MSC POESIA	PS	SE91	1
MON	6/15/2026	MSC POESIA	SE91	PS	1
TUE	6/16/2026	CARNIVAL SPIRIT	PS	SE91	1
TUE	6/16/2026	CARNIVAL SPIRIT	SE91	PS	1
THUR	6/18/2026	CARNIVAL MIRACLE	PS	SE91	1
THUR	6/18/2026	CARNIVAL MIRACLE	SE91	PS	1
FRI	6/19/2026	CELEBRITY EDGE	PS	SE91	1
FRI	6/19/2026	CELEBRITY EDGE	SE91	PS	1
FRI	6/19/2026	NORWEGIAN JOY	PS	SE66	1
FRI	6/19/2026	NORWEGIAN JOY	SE66	PS	1
FRI	6/19/2026	VOYAGER OF THE SEAS	PS	SE91	1
FRI	6/19/2026	VOYAGER OF THE SEAS	SE91	PS	1
SAT	6/20/2026	EURODAM	PS	SE91	1
SAT	6/20/2026	EURODAM	SE91	PS	1
SAT	6/20/2026	NORWEGIAN BLISS	PS	SE66	1
SAT	6/20/2026	NORWEGIAN BLISS	SE66	PS	1
SAT	6/20/2026	ROYAL PRINCESS	PS	SE91	1
SAT	6/20/2026	ROYAL PRINCESS	SE91	PS	1
SUN	6/21/2026	NORWEGIAN ENCORE	PS	SE66	1
SUN	6/21/2026	NORWEGIAN ENCORE	SE66	PS	1
SUN	6/21/2026	STAR PRINCESS	PS	SE91	1
SUN	6/21/2026	STAR PRINCESS	SE91	PS	1
MON	6/22/2026	ANTHEM OF THE SEAS	PS	SE91	1
MON	6/22/2026	ANTHEM OF THE SEAS	SE91	PS	1
MON	6/22/2026	MSC POESIA	PS	SE91	1
MON	6/22/2026	MSC POESIA	SE91	PS	1
MON	6/22/2026	QUEEN ELIZABETH	PS	SE66	1
MON	6/22/2026	QUEEN ELIZABETH	SE66	PS	1
TUE	6/23/2026	BRILLIANT LADY	PS	SE91	1
TUE	6/23/2026	BRILLIANT LADY	SE91	PS	1
TUE	6/23/2026	CARNIVAL SPIRIT	PS	SE91	1

TUE	6/23/2026	CARNIVAL SPIRIT	SE91	PS	1
THUR	6/25/2026	CARNIVAL MIRACLE	PS	SE91	1
THUR	6/25/2026	CARNIVAL MIRACLE	SE91	PS	1
FRI	6/26/2026	CELEBRITY EDGE	PS	SE91	1
FRI	6/26/2026	CELEBRITY EDGE	SE91	PS	1
FRI	6/26/2026	VOYAGER OF THE SEAS	PS	SE91	1
FRI	6/26/2026	VOYAGER OF THE SEAS	SE91	PS	1
SAT	6/27/2026	EURODAM	PS	SE91	1
SAT	6/27/2026	EURODAM	SE91	PS	1
SAT	6/27/2026	NORWEGIAN BLISS	PS	SE66	1
SAT	6/27/2026	NORWEGIAN BLISS	SE66	PS	1
SAT	6/27/2026	ROYAL PRINCESS	PS	SE91	1
SAT	6/27/2026	ROYAL PRINCESS	SE91	PS	1
SUN	6/28/2026	NORWEGIAN ENCORE	PS	SE66	1
SUN	6/28/2026	NORWEGIAN ENCORE	SE66	PS	1
SUN	6/28/2026	STAR PRINCESS	PS	SE91	1
SUN	6/28/2026	STAR PRINCESS	SE91	PS	1
MON	6/29/2026	ANTHEM OF THE SEAS	PS	SE91	1
MON	6/29/2026	ANTHEM OF THE SEAS	SE91	PS	1
MON	6/29/2026	MSC POESIA	PS	SE91	1
MON	6/29/2026	MSC POESIA	SE91	PS	1
MON	6/29/2026	NORWEGIAN JOY	PS	SE66	1
MON	6/29/2026	NORWEGIAN JOY	SE66	PS	1
MON	6/29/2026	THE WORLD	PS	SE66	1
MON	6/29/2026	THE WORLD	SE66	PS	1
TUE	6/30/2026	CARNIVAL SPIRIT	PS	SE91	1
TUE	6/30/2026	CARNIVAL SPIRIT	SE91	PS	1
WED	7/1/2026	QUEEN ELIZABETH	PS	SE91	1
WED	7/1/2026	QUEEN ELIZABETH	SE91	PS	1
THUR	7/2/2026	BRILLIANT LADY	PS	SE91	1
THUR	7/2/2026	BRILLIANT LADY	SE91	PS	1
THUR	7/2/2026	CARNIVAL MIRACLE	PS	SE91	1
THUR	7/2/2026	CARNIVAL MIRACLE	SE91	PS	1
THUR	7/2/2026	OCEANIA RIVIERA	PS	SE66	1
THUR	7/2/2026	OCEANIA RIVIERA	SE66	PS	1
FRI	7/3/2026	CELEBRITY EDGE	PS	SE91	1
FRI	7/3/2026	CELEBRITY EDGE	SE91	PS	1
FRI	7/3/2026	VOYAGER OF THE SEAS	PS	SE91	1
FRI	7/3/2026	VOYAGER OF THE SEAS	SE91	PS	1
SAT	7/4/2026	EURODAM	PS	SE91	1

SAT	7/4/2026	EURODAM	SE91	PS	1
SAT	7/4/2026	NORWEGIAN BLISS	PS	SE66	1
SAT	7/4/2026	NORWEGIAN BLISS	SE66	PS	1
SAT	7/4/2026	ROYAL PRINCESS	PS	SE91	1
SAT	7/4/2026	ROYAL PRINCESS	SE91	PS	1
SUN	7/5/2026	NOORDAM	PS	SE91	1
SUN	7/5/2026	NOORDAM	SE91	PS	1
SUN	7/5/2026	NORWEGIAN ENCORE	PS	SE66	1
SUN	7/5/2026	NORWEGIAN ENCORE	SE66	PS	1
SUN	7/5/2026	STAR PRINCESS	PS	SE91	1
SUN	7/5/2026	STAR PRINCESS	SE91	PS	1
MON	7/6/2026	ANTHEM OF THE SEAS	PS	SE91	1
MON	7/6/2026	ANTHEM OF THE SEAS	SE91	PS	1
MON	7/6/2026	MSC POESIA	PS	SE91	1
MON	7/6/2026	MSC POESIA	SE91	PS	1
TUE	7/7/2026	CARNIVAL SPIRIT	PS	SE91	1
TUE	7/7/2026	CARNIVAL SPIRIT	SE91	PS	1
WED	7/8/2026	NORWEGIAN JOY	PS	SE66	1
WED	7/8/2026	NORWEGIAN JOY	SE66	PS	1
THUR	7/9/2026	BRILLIANT LADY	PS	SE91	1
THUR	7/9/2026	BRILLIANT LADY	SE91	PS	1
THUR	7/9/2026	CARNIVAL MIRACLE	PS	SE91	1
THUR	7/9/2026	CARNIVAL MIRACLE	SE91	PS	1
THUR	7/9/2026	QUEEN ELIZABETH	PS	SE66	1
THUR	7/9/2026	QUEEN ELIZABETH	SE66	PS	1
FRI	7/10/2026	CELEBRITY EDGE	PS	SE91	1
FRI	7/10/2026	CELEBRITY EDGE	SE91	PS	1
FRI	7/10/2026	VOYAGER OF THE SEAS	PS	SE91	1
FRI	7/10/2026	VOYAGER OF THE SEAS	SE91	PS	1
SAT	7/11/2026	EURODAM	PS	SE91	1
SAT	7/11/2026	EURODAM	SE91	PS	1
SAT	7/11/2026	NORWEGIAN BLISS	PS	SE66	1
SAT	7/11/2026	NORWEGIAN BLISS	SE66	PS	1
SAT	7/11/2026	ROYAL PRINCESS	PS	SE91	1
SAT	7/11/2026	ROYAL PRINCESS	SE91	PS	1
SUN	7/12/2026	NOORDAM	PS	SE91	1
SUN	7/12/2026	NOORDAM	SE91	PS	1
SUN	7/12/2026	NORWEGIAN ENCORE	PS	SE66	1
SUN	7/12/2026	NORWEGIAN ENCORE	SE66	PS	1
SUN	7/12/2026	STAR PRINCESS	PS	SE91	1

SUN	7/12/2026	STAR PRINCESS	SE91	PS	1
MON	7/13/2026	ANTHEM OF THE SEAS	PS	SE91	1
MON	7/13/2026	ANTHEM OF THE SEAS	SE91	PS	1
MON	7/13/2026	MSC POESIA	PS	SE91	1
MON	7/13/2026	MSC POESIA	SE91	PS	1
TUE	7/14/2026	CARNIVAL SPIRIT	PS	SE91	1
TUE	7/14/2026	CARNIVAL SPIRIT	SE91	PS	1
TUE	7/14/2026	OCEANIA RIVIERA	PS	SE66	1
TUE	7/14/2026	OCEANIA RIVIERA	SE66	PS	1
THUR	7/16/2026	BRILLIANT LADY	PS	SE91	1
THUR	7/16/2026	BRILLIANT LADY	SE91	PS	1
THUR	7/16/2026	CARNIVAL MIRACLE	PS	SE91	1
THUR	7/16/2026	CARNIVAL MIRACLE	SE91	PS	1
FRI	7/17/2026	CELEBRITY EDGE	PS	SE91	1
FRI	7/17/2026	CELEBRITY EDGE	SE91	PS	1
FRI	7/17/2026	NORWEGIAN JOY	PS	SE66	1
FRI	7/17/2026	NORWEGIAN JOY	SE66	PS	1
FRI	7/17/2026	VOYAGER OF THE SEAS	PS	SE91	1
FRI	7/17/2026	VOYAGER OF THE SEAS	SE91	PS	1
SAT	7/18/2026	EURODAM	PS	SE91	1
SAT	7/18/2026	EURODAM	SE91	PS	1
SAT	7/18/2026	NORWEGIAN BLISS	PS	SE66	1
SAT	7/18/2026	NORWEGIAN BLISS	SE66	PS	1
SAT	7/18/2026	ROYAL PRINCESS	PS	SE91	1
SAT	7/18/2026	ROYAL PRINCESS	SE91	PS	1
SUN	7/19/2026	NOORDAM	PS	SE91	1
SUN	7/19/2026	NOORDAM	SE91	PS	1
SUN	7/19/2026	NORWEGIAN ENCORE	PS	SE66	1
SUN	7/19/2026	NORWEGIAN ENCORE	SE66	PS	1
SUN	7/19/2026	STAR PRINCESS	PS	SE91	1
SUN	7/19/2026	STAR PRINCESS	SE91	PS	1
MON	7/20/2026	ANTHEM OF THE SEAS	PS	SE91	1
MON	7/20/2026	ANTHEM OF THE SEAS	SE91	PS	1
MON	7/20/2026	MSC POESIA	PS	SE91	1
MON	7/20/2026	MSC POESIA	SE91	PS	1
MON	7/20/2026	QUEEN ELIZABETH	PS	SE66	1
MON	7/20/2026	QUEEN ELIZABETH	SE66	PS	1
TUE	7/21/2026	CARNIVAL SPIRIT	PS	SE91	1
TUE	7/21/2026	CARNIVAL SPIRIT	SE91	PS	1
TUE	7/21/2026	OCEANIA RIVIERA	PS	SE66	1

TUE	7/21/2026	OCEANIA RIVIERA	SE66	PS	1
THUR	7/23/2026	BRILLIANT LADY	PS	SE91	1
THUR	7/23/2026	BRILLIANT LADY	SE91	PS	1
THUR	7/23/2026	CARNIVAL MIRACLE	PS	SE91	1
THUR	7/23/2026	CARNIVAL MIRACLE	SE91	PS	1
FRI	7/24/2026	CELEBRITY EDGE	PS	SE91	1
FRI	7/24/2026	CELEBRITY EDGE	SE91	PS	1
FRI	7/24/2026	VOYAGER OF THE SEAS	PS	SE91	1
FRI	7/24/2026	VOYAGER OF THE SEAS	SE91	PS	1
SAT	7/25/2026	EURODAM	PS	SE91	1
SAT	7/25/2026	EURODAM	SE91	PS	1
SAT	7/25/2026	NORWEGIAN BLISS	PS	SE66	1
SAT	7/25/2026	NORWEGIAN BLISS	SE66	PS	1
SAT	7/25/2026	ROYAL PRINCESS	PS	SE91	1
SAT	7/25/2026	ROYAL PRINCESS	SE91	PS	1
SUN	7/26/2026	NOORDAM	PS	SE91	1
SUN	7/26/2026	NOORDAM	SE91	PS	1
SUN	7/26/2026	NORWEGIAN ENCORE	PS	SE66	1
SUN	7/26/2026	NORWEGIAN ENCORE	SE66	PS	1
SUN	7/26/2026	STAR PRINCESS	PS	SE91	1
SUN	7/26/2026	STAR PRINCESS	SE91	PS	1
MON	7/27/2026	ANTHEM OF THE SEAS	PS	SE91	1
MON	7/27/2026	ANTHEM OF THE SEAS	SE91	PS	1
MON	7/27/2026	MSC POESIA	PS	SE91	1
MON	7/27/2026	MSC POESIA	SE91	PS	1
MON	7/27/2026	NORWEGIAN JOY	PS	SE66	1
MON	7/27/2026	NORWEGIAN JOY	SE66	PS	1
TUE	7/28/2026	CARNIVAL SPIRIT	PS	SE91	1
TUE	7/28/2026	CARNIVAL SPIRIT	SE91	PS	1
TUE	7/28/2026	OCEANIA RIVIERA	PS	SE66	1
TUE	7/28/2026	OCEANIA RIVIERA	SE66	PS	1
THUR	7/30/2026	BRILLIANT LADY	PS	SE91	1
THUR	7/30/2026	BRILLIANT LADY	SE91	PS	1
THUR	7/30/2026	CARNIVAL MIRACLE	PS	SE91	1
THUR	7/30/2026	CARNIVAL MIRACLE	SE91	PS	1
THUR	7/30/2026	QUEEN ELIZABETH	PS	SE66	1
THUR	7/30/2026	QUEEN ELIZABETH	SE66	PS	1
FRI	7/31/2026	CELEBRITY EDGE	PS	SE91	1
FRI	7/31/2026	CELEBRITY EDGE	SE91	PS	1
FRI	7/31/2026	VOYAGER OF THE SEAS	PS	SE91	1

FRI	7/31/2026	VOYAGER OF THE SEAS	SE91	PS	1
SAT	8/1/2026	EURODAM	PS	SE91	1
SAT	8/1/2026	EURODAM	SE91	PS	1
SAT	8/1/2026	NORWEGIAN BLISS	PS	SE66	1
SAT	8/1/2026	NORWEGIAN BLISS	SE66	PS	1
SAT	8/1/2026	ROYAL PRINCESS	PS	SE91	1
SAT	8/1/2026	ROYAL PRINCESS	SE91	PS	1
SUN	8/2/2026	NOORDAM	PS	SE91	1
SUN	8/2/2026	NOORDAM	SE91	PS	1
SUN	8/2/2026	NORWEGIAN ENCORE	PS	SE66	1
SUN	8/2/2026	NORWEGIAN ENCORE	SE66	PS	1
SUN	8/2/2026	STAR PRINCESS	PS	SE91	1
SUN	8/2/2026	STAR PRINCESS	SE91	PS	1
MON	8/3/2026	ANTHEM OF THE SEAS	PS	SE91	1
MON	8/3/2026	ANTHEM OF THE SEAS	SE91	PS	1
MON	8/3/2026	MSC POESIA	PS	SE91	1
MON	8/3/2026	MSC POESIA	SE91	PS	1
TUE	8/4/2026	CARNIVAL SPIRIT	PS	SE91	1
TUE	8/4/2026	CARNIVAL SPIRIT	SE91	PS	1
WED	8/5/2026	NORWEGIAN JOY	PS	SE66	1
WED	8/5/2026	NORWEGIAN JOY	SE66	PS	1
THUR	8/6/2026	BRILLIANT LADY	PS	SE91	1
THUR	8/6/2026	BRILLIANT LADY	SE91	PS	1
THUR	8/6/2026	CARNIVAL MIRACLE	PS	SE91	1
THUR	8/6/2026	CARNIVAL MIRACLE	SE91	PS	1
THUR	8/6/2026	OCEANIA RIVIERA	PS	SE66	1
THUR	8/6/2026	OCEANIA RIVIERA	SE66	PS	1
FRI	8/7/2026	CELEBRITY EDGE	PS	SE91	1
FRI	8/7/2026	CELEBRITY EDGE	SE91	PS	1
FRI	8/7/2026	VOYAGER OF THE SEAS	PS	SE91	1
FRI	8/7/2026	VOYAGER OF THE SEAS	SE91	PS	1
SAT	8/8/2026	EURODAM	PS	SE91	1
SAT	8/8/2026	EURODAM	SE91	PS	1
SAT	8/8/2026	NORWEGIAN BLISS	PS	SE66	1
SAT	8/8/2026	NORWEGIAN BLISS	SE66	PS	1
SAT	8/8/2026	ROYAL PRINCESS	PS	SE91	1
SAT	8/8/2026	ROYAL PRINCESS	SE91	PS	1
SUN	8/9/2026	NOORDAM	PS	SE91	1
SUN	8/9/2026	NOORDAM	SE91	PS	1
SUN	8/9/2026	NORWEGIAN ENCORE	PS	SE66	1

SUN	8/9/2026	NORWEGIAN ENCORE	SE66	PS	1
SUN	8/9/2026	STAR PRINCESS	PS	SE91	1
SUN	8/9/2026	STAR PRINCESS	SE91	PS	1
MON	8/10/2026	ANTHEM OF THE SEAS	PS	SE91	1
MON	8/10/2026	ANTHEM OF THE SEAS	SE91	PS	1
MON	8/10/2026	MSC POESIA	PS	SE91	1
MON	8/10/2026	MSC POESIA	SE91	PS	1
MON	8/10/2026	QUEEN ELIZABETH	PS	SE66	1
MON	8/10/2026	QUEEN ELIZABETH	SE66	PS	1
TUE	8/11/2026	CARNIVAL SPIRIT	PS	SE91	1
TUE	8/11/2026	CARNIVAL SPIRIT	SE91	PS	1
THUR	8/13/2026	BRILLIANT LADY	PS	SE91	1
THUR	8/13/2026	BRILLIANT LADY	SE91	PS	1
THUR	8/13/2026	CARNIVAL MIRACLE	PS	SE91	1
THUR	8/13/2026	CARNIVAL MIRACLE	SE91	PS	1
THUR	8/13/2026	OCEANIA RIVIERA	PS	SE66	1
THUR	8/13/2026	OCEANIA RIVIERA	SE66	PS	1
FRI	8/14/2026	CELEBRITY EDGE	PS	SE91	1
FRI	8/14/2026	CELEBRITY EDGE	SE91	PS	1
FRI	8/14/2026	NORWEGIAN JOY	PS	SE66	1
FRI	8/14/2026	NORWEGIAN JOY	SE66	PS	1
FRI	8/14/2026	VOYAGER OF THE SEAS	PS	SE91	1
FRI	8/14/2026	VOYAGER OF THE SEAS	SE91	PS	1
SAT	8/15/2026	EURODAM	PS	SE91	1
SAT	8/15/2026	EURODAM	SE91	PS	1
SAT	8/15/2026	NORWEGIAN BLISS	PS	SE66	1
SAT	8/15/2026	NORWEGIAN BLISS	SE66	PS	1
SAT	8/15/2026	ROYAL PRINCESS	PS	SE91	1
SAT	8/15/2026	ROYAL PRINCESS	SE91	PS	1
SUN	8/16/2026	NOORDAM	PS	SE91	1
SUN	8/16/2026	NOORDAM	SE91	PS	1
SUN	8/16/2026	NORWEGIAN ENCORE	PS	SE66	1
SUN	8/16/2026	NORWEGIAN ENCORE	SE66	PS	1
SUN	8/16/2026	STAR PRINCESS	PS	SE91	1
SUN	8/16/2026	STAR PRINCESS	SE91	PS	1
MON	8/17/2026	ANTHEM OF THE SEAS	PS	SE91	1
MON	8/17/2026	ANTHEM OF THE SEAS	SE91	PS	1
MON	8/17/2026	MSC POESIA	PS	SE91	1
MON	8/17/2026	MSC POESIA	SE91	PS	1
TUE	8/18/2026	CARNIVAL SPIRIT	PS	SE91	1

TUE	8/18/2026	CARNIVAL SPIRIT	SE91	PS	1
THUR	8/20/2026	BRILLIANT LADY	PS	SE91	1
THUR	8/20/2026	BRILLIANT LADY	SE91	PS	1
THUR	8/20/2026	CARNIVAL MIRACLE	PS	SE91	1
THUR	8/20/2026	CARNIVAL MIRACLE	SE91	PS	1
THUR	8/20/2026	QUEEN ELIZABETH	PS	SE66	1
THUR	8/20/2026	QUEEN ELIZABETH	SE66	PS	1
FRI	8/21/2026	CELEBRITY EDGE	PS	SE91	1
FRI	8/21/2026	CELEBRITY EDGE	SE91	PS	1
FRI	8/21/2026	VOYAGER OF THE SEAS	PS	SE91	1
FRI	8/21/2026	VOYAGER OF THE SEAS	SE91	PS	1
SAT	8/22/2026	EURODAM	PS	SE91	1
SAT	8/22/2026	EURODAM	SE91	PS	1
SAT	8/22/2026	NORWEGIAN BLISS	PS	SE66	1
SAT	8/22/2026	NORWEGIAN BLISS	SE66	PS	1
SAT	8/22/2026	ROYAL PRINCESS	PS	SE91	1
SAT	8/22/2026	ROYAL PRINCESS	SE91	PS	1
SUN	8/23/2026	NOORDAM	PS	SE91	1
SUN	8/23/2026	NOORDAM	SE91	PS	1
SUN	8/23/2026	NORWEGIAN ENCORE	PS	SE66	1
SUN	8/23/2026	NORWEGIAN ENCORE	SE66	PS	1
SUN	8/23/2026	STAR PRINCESS	PS	SE91	1
SUN	8/23/2026	STAR PRINCESS	SE91	PS	1
MON	8/24/2026	ANTHEM OF THE SEAS	PS	SE91	1
MON	8/24/2026	ANTHEM OF THE SEAS	SE91	PS	1
MON	8/24/2026	MSC POESIA	PS	SE91	1
MON	8/24/2026	MSC POESIA	SE91	PS	1
MON	8/24/2026	NORWEGIAN JOY	PS	SE66	1
MON	8/24/2026	NORWEGIAN JOY	SE66	PS	1
TUE	8/25/2026	CARNIVAL SPIRIT	PS	SE91	1
TUE	8/25/2026	CARNIVAL SPIRIT	SE91	PS	1
WED	8/26/2026	OCEANIA RIVIERA	PS	SE66	1
WED	8/26/2026	OCEANIA RIVIERA	SE66	PS	1
THUR	8/27/2026	BRILLIANT LADY	PS	SE91	1
THUR	8/27/2026	BRILLIANT LADY	SE91	PS	1
THUR	8/27/2026	CARNIVAL MIRACLE	PS	SE91	1
THUR	8/27/2026	CARNIVAL MIRACLE	SE91	PS	1
THUR	8/27/2026	QUEEN ELIZABETH	PS	SE66	1
THUR	8/27/2026	QUEEN ELIZABETH	SE66	PS	1
FRI	8/28/2026	CELEBRITY EDGE	PS	SE91	1

FRI	8/28/2026	CELEBRITY EDGE	SE91	PS	1
FRI	8/28/2026	VOYAGER OF THE SEAS	PS	SE91	1
FRI	8/28/2026	VOYAGER OF THE SEAS	SE91	PS	1
SAT	8/29/2026	EURODAM	PS	SE91	1
SAT	8/29/2026	EURODAM	SE91	PS	1
SAT	8/29/2026	NORWEGIAN BLISS	PS	SE66	1
SAT	8/29/2026	NORWEGIAN BLISS	SE66	PS	1
SAT	8/29/2026	ROYAL PRINCESS	PS	SE91	1
SAT	8/29/2026	ROYAL PRINCESS	SE91	PS	1
SUN	8/30/2026	NORWEGIAN ENCORE	PS	SE66	1
SUN	8/30/2026	NORWEGIAN ENCORE	SE66	PS	1
SUN	8/30/2026	STAR PRINCESS	PS	SE91	1
SUN	8/30/2026	STAR PRINCESS	SE91	PS	1
MON	8/31/2026	ANTHEM OF THE SEAS	PS	SE91	1
MON	8/31/2026	ANTHEM OF THE SEAS	SE91	PS	1
MON	8/31/2026	MSC POESIA	PS	SE91	1
MON	8/31/2026	MSC POESIA	SE91	PS	1
TUE	9/1/2026	CARNIVAL SPIRIT	PS	SE91	1
TUE	9/1/2026	CARNIVAL SPIRIT	SE91	PS	1
WED	9/2/2026	NORWEGIAN JOY	PS	SE66	1
WED	9/2/2026	NORWEGIAN JOY	SE66	PS	1
THUR	9/3/2026	BRILLIANT LADY	PS	SE91	1
THUR	9/3/2026	BRILLIANT LADY	SE91	PS	1
THUR	9/3/2026	CARNIVAL MIRACLE	PS	SE91	1
THUR	9/3/2026	CARNIVAL MIRACLE	SE91	PS	1
FRI	9/4/2026	CELEBRITY EDGE	PS	SE91	1
FRI	9/4/2026	CELEBRITY EDGE	SE91	PS	1
FRI	9/4/2026	VOYAGER OF THE SEAS	PS	SE91	1
FRI	9/4/2026	VOYAGER OF THE SEAS	SE91	PS	1
SAT	9/5/2026	EURODAM	PS	SE91	1
SAT	9/5/2026	EURODAM	SE91	PS	1
SAT	9/5/2026	NORWEGIAN BLISS	PS	SE66	1
SAT	9/5/2026	NORWEGIAN BLISS	SE66	PS	1
SAT	9/5/2026	ROYAL PRINCESS	PS	SE91	1
SAT	9/5/2026	ROYAL PRINCESS	SE91	PS	1
SUN	9/6/2026	NOORDAM	PS	SE91	1
SUN	9/6/2026	NOORDAM	SE91	PS	1
SUN	9/6/2026	NORWEGIAN ENCORE	PS	SE66	1
SUN	9/6/2026	NORWEGIAN ENCORE	SE66	PS	1
SUN	9/6/2026	STAR PRINCESS	PS	SE91	1

SUN	9/6/2026	STAR PRINCESS	SE91	PS	1
MON	9/7/2026	ANTHEM OF THE SEAS	PS	SE91	1
MON	9/7/2026	ANTHEM OF THE SEAS	SE91	PS	1
MON	9/7/2026	MSC POESIA	PS	SE91	1
MON	9/7/2026	MSC POESIA	SE91	PS	1
MON	9/7/2026	QUEEN ELIZABETH	PS	SE66	1
MON	9/7/2026	QUEEN ELIZABETH	SE66	PS	1
TUE	9/8/2026	CARNIVAL SPIRIT	PS	SE91	1
TUE	9/8/2026	CARNIVAL SPIRIT	SE91	PS	1
THUR	9/10/2026	CARNIVAL MIRACLE	PS	SE91	1
THUR	9/10/2026	CARNIVAL MIRACLE	SE91	PS	1
FRI	9/11/2026	CELEBRITY EDGE	PS	SE91	1
FRI	9/11/2026	CELEBRITY EDGE	SE91	PS	1
FRI	9/11/2026	NORWEGIAN JOY	PS	SE66	1
FRI	9/11/2026	NORWEGIAN JOY	SE66	PS	1
FRI	9/11/2026	VOYAGER OF THE SEAS	PS	SE91	1
FRI	9/11/2026	VOYAGER OF THE SEAS	SE91	PS	1
SAT	9/12/2026	EURODAM	PS	SE91	1
SAT	9/12/2026	EURODAM	SE91	PS	1
SAT	9/12/2026	NORWEGIAN BLISS	PS	SE66	1
SAT	9/12/2026	NORWEGIAN BLISS	SE66	PS	1
SAT	9/12/2026	ROYAL PRINCESS	PS	SE91	1
SAT	9/12/2026	ROYAL PRINCESS	SE91	PS	1
SUN	9/13/2026	NORWEGIAN ENCORE	PS	SE66	1
SUN	9/13/2026	NORWEGIAN ENCORE	SE66	PS	1
SUN	9/13/2026	STAR PRINCESS	PS	SE91	1
SUN	9/13/2026	STAR PRINCESS	SE91	PS	1
MON	9/14/2026	ANTHEM OF THE SEAS	PS	SE91	1
MON	9/14/2026	ANTHEM OF THE SEAS	SE91	PS	1
MON	9/14/2026	MSC POESIA	PS	SE91	1
MON	9/14/2026	MSC POESIA	SE91	PS	1
TUE	9/15/2026	CARNIVAL SPIRIT	PS	SE91	1
TUE	9/15/2026	CARNIVAL SPIRIT	SE91	PS	1
THUR	9/17/2026	CARNIVAL MIRACLE	PS	SE91	1
THUR	9/17/2026	CARNIVAL MIRACLE	SE91	PS	1
THUR	9/17/2026	QUEEN ELIZABETH	PS	SE91	1
THUR	9/17/2026	QUEEN ELIZABETH	SE91	PS	1
FRI	9/18/2026	SEVEN SEAS EXPLORER	PS	SE66	1
FRI	9/18/2026	SEVEN SEAS EXPLORER	SE66	PS	1
FRI	9/18/2026	VOYAGER OF THE SEAS	PS	SE91	1

FRI	9/18/2026	VOYAGER OF THE SEAS	SE91	PS	1
SAT	9/19/2026	EURODAM	PS	SE91	1
SAT	9/19/2026	EURODAM	SE91	PS	1
SAT	9/19/2026	NORWEGIAN BLISS	PS	SE66	1
SAT	9/19/2026	NORWEGIAN BLISS	SE66	PS	1
SAT	9/19/2026	ROYAL PRINCESS	PS	SE91	1
SAT	9/19/2026	ROYAL PRINCESS	SE91	PS	1
SUN	9/20/2026	NORWEGIAN ENCORE	PS	SE66	1
SUN	9/20/2026	NORWEGIAN ENCORE	SE66	PS	1
SUN	9/20/2026	STAR PRINCESS	PS	SE91	1
SUN	9/20/2026	STAR PRINCESS	SE91	PS	1
MON	9/21/2026	ANTHEM OF THE SEAS	PS	SE91	1
MON	9/21/2026	ANTHEM OF THE SEAS	SE91	PS	1
MON	9/21/2026	MSC POESIA	PS	SE91	1
MON	9/21/2026	MSC POESIA	SE91	PS	1
MON	9/21/2026	NORWEGIAN JOY	PS	SE66	1
MON	9/21/2026	NORWEGIAN JOY	SE66	PS	1
WED	9/23/2026	CARNIVAL SPIRIT	PS	SE91	1
WED	9/23/2026	CARNIVAL SPIRIT	SE91	PS	1
THUR	9/24/2026	QUEEN ELIZABETH	PS	SE91	1
THUR	9/24/2026	QUEEN ELIZABETH	SE91	PS	1
FRI	9/25/2026	VOYAGER OF THE SEAS	PS	SE91	1
FRI	9/25/2026	VOYAGER OF THE SEAS	SE91	PS	1
SAT	9/26/2026	CARNIVAL MIRACLE	PS	SE91	1
SAT	9/26/2026	CARNIVAL MIRACLE	SE91	PS	1
SAT	9/26/2026	EURODAM	PS	SE91	1
SAT	9/26/2026	EURODAM	SE91	PS	1
SAT	9/26/2026	NORWEGIAN BLISS	PS	SE66	1
SAT	9/26/2026	NORWEGIAN BLISS	SE66	PS	1
SUN	9/27/2026	NORWEGIAN ENCORE	PS	SE66	1
SUN	9/27/2026	NORWEGIAN ENCORE	SE66	PS	1
MON	9/28/2026	ANTHEM OF THE SEAS	PS	SE91	1
MON	9/28/2026	ANTHEM OF THE SEAS	SE91	PS	1
MON	9/28/2026	MSC POESIA	PS	SE91	1
MON	9/28/2026	MSC POESIA	SE91	PS	1
WED	9/30/2026	ANTHEM OF THE SEAS	PS	SE91	1
WED	9/30/2026	ANTHEM OF THE SEAS	SE91	PS	1
WED	#####	NORWEGIAN JOY	PS	SE66	1
WED	#####	NORWEGIAN JOY	SE66	PS	1
WED	9/30/2026	SEVEN SEAS EXPLORER	PS	SE91	1

WED	9/30/2026	SEVEN SEAS EXPLORER	SE91	PS	1
FRI	10/2/2026	NORWEGIAN JOY	PS	SE66	1
FRI	10/2/2026	NORWEGIAN JOY	SE66	PS	1
FRI	10/2/2026	VOYAGER OF THE SEAS	PS	SE91	1
FRI	10/2/2026	VOYAGER OF THE SEAS	SE91	PS	1
SAT	10/3/2026	EURODAM	PS	SE91	1
SAT	10/3/2026	EURODAM	SE91	PS	1
SAT	10/3/2026	NORWEGIAN BLISS	PS	SE66	1
SAT	10/3/2026	NORWEGIAN BLISS	SE66	PS	1
SUN	10/4/2026	NOORDAM	PS	SE91	1
SUN	10/4/2026	NOORDAM	SE91	PS	1
SUN	10/4/2026	NORWEGIAN ENCORE	PS	SE66	1
SUN	10/4/2026	NORWEGIAN ENCORE	SE66	PS	1
THUR	10/8/2026	CARNIVAL SPIRIT	PS	SE91	1
THUR	10/8/2026	CARNIVAL SPIRIT	SE91	PS	1
SAT	10/10/2026	NORWEGIAN BLISS	PS	SE66	1
SAT	10/10/2026	NORWEGIAN BLISS	SE66	PS	1
SUN	10/11/2026	NOORDAM	PS	SE91	1
SUN	10/11/2026	NOORDAM	SE91	PS	1
SUN	10/11/2026	NORWEGIAN ENCORE	PS	SE66	1
SUN	10/11/2026	NORWEGIAN ENCORE	SE66	PS	1
				2026 Total:	660
					578
				82	Additional cruise over trailing 24



Vessel Name	Job Date	From Code	To Code	#
SEASPAN BAKER	5/2/2026	PS	SEANC-SCE	1
SEASPAN BAKER	5/3/2026	SEANC-SCE	SE91	1
SEASPAN BAKER	5/3/2026	SE91	PS	1
SEASPAN BAKER	5/9/2026	PS	SEANC-SCE	1
SEASPAN BAKER	5/10/2026	SEANC-SCE	SE91	1
SEASPAN BAKER	5/10/2026	SE91	PS	1
SEASPAN BAKER	5/16/2026	PS	SEANC-SCE	1
SEASPAN BAKER	5/17/2026	SEANC-SCE	SE91	1
SEASPAN BAKER	5/17/2026	SE91	PS	1
SEASPAN BAKER	5/23/2026	PS	SEANC-SCE	1
SEASPAN BAKER	5/24/2026	SEANC-SCE	SE91	1
SEASPAN BAKER	5/24/2026	SE91	PS	1
SEASPAN BAKER	5/30/2026	PS	SEANC-SCE	1
SEASPAN BAKER	5/31/2026	SEANC-SCE	SE91	1
SEASPAN BAKER	5/31/2026	SE91	PS	1
SEASPAN BAKER	6/6/2026	PS	SEANC-SCE	1
SEASPAN BAKER	6/7/2026	SEANC-SCE	SE91	1
SEASPAN BAKER	6/7/2026	SE91	PS	1
SEASPAN BAKER	6/20/2026	PS	SEANC-SCE	1
SEASPAN BAKER	6/21/2026	SEANC-SCE	SE91	1
SEASPAN BAKER	6/21/2026	SE91	PS	1
SEASPAN BAKER	7/4/2026	PS	SEANC-SCE	1
SEASPAN BAKER	7/5/2026	SEANC-SCE	SE91	1
SEASPAN BAKER	7/5/2026	SE91	PS	1
SEASPAN BAKER	7/18/2026	PS	SEANC-SCE	1
SEASPAN BAKER	7/19/2026	SEANC-SCE	SE91	1
SEASPAN BAKER	7/19/2026	SE91	PS	1
SEASPAN BAKER	8/1/2026	PS	SEANC-SCE	1
SEASPAN BAKER	8/2/2026	SEANC-SCE	SE91	1
SEASPAN BAKER	8/2/2026	SE91	PS	1
SEASPAN BAKER	8/15/2026	PS	SEANC-SCE	1
SEASPAN BAKER	8/16/2026	SEANC-SCE	SE91	1
SEASPAN BAKER	8/16/2026	SE91	PS	1
SEASPAN BAKER	8/29/2026	PS	SEANC-SCE	1
SEASPAN BAKER	8/30/2026	SEANC-SCE	SE91	1
SEASPAN BAKER	8/30/2026	SE91	PS	1
SEASPAN BAKER	9/12/2026	PS	SEANC-SCE	1
SEASPAN BAKER	9/13/2026	SEANC-SCE	SE91	1
SEASPAN BAKER	9/13/2026	SE91	PS	1
Total:				39

Source:

Ivan Carlson - Pre:

From:
Sent:
To:
Subject:

Ivan,

Going with the below like 12 or maybe 13 bl station). So, 36 – 39 a they get a “letter of nc

Star Princess in Seatt
5/3
5/10
5/17
5/25
~~5/31~~
6/7
~~6/14~~
6/21
~~6/28~~
7/5
~~7/12~~
7/19
~~7/26~~
8/2
~~8/9~~
8/16
~~8/23~~
8/30
9/6
9/13
9/20 (last call bunker

From: Zachery Garland
Sent: Friday, January 2
To: Scott Coleman <sc
Cc: Rodney Myers <rm
<bbouma@pspilots.org
Subject: RE: Seaspan LI

Morning Scott,

Thank you for the pe

ident

Scott Coleman
Friday, January 23, 2026 10:57 AM
Ivan Carlson - President
FW: Seaspan LNG Bunkering - Star Princess in Seattle

for from what Zach is saying, if they do transition to every other week bunkering it would look unkerings with 3 assignments each (inbound to anchor, anchor to ship, and ship to pilot assignments. As before PA bunkerings remain a possibility but they cannot be nominated until concern" from the COTP, which is pending.

le

s? Maybe VBC transition out, bunkers in VBC?)

I <Zack.Garland@Seaspan.com>
3, 2026 10:45 AM
oleman@pspilots.org>; Peter Mann <pmann@pspilots.org>
yers@pspilots.org>; Ivan Carlson - President <president@pspilots.org>; Blair W. Bouma
g>
NG Bunkering - Star Princess in Seattle

articipation and expertise!

[illegible]

ESL VESSEL	SE18	PS	1
ESL VESSEL	PS	SE18	1
ESL VESSEL	SE18	PS	1
ESL VESSEL	PS	SE18	1
ESL VESSEL	SE18	PS	1
ESL VESSEL	PS	SE18	1
ESL VESSEL	SE18	PS	1
ESL VESSEL	PS	SE18	1
ESL VESSEL	SE18	PS	1
		Total:	52

provide direct connections between Ho Chi Minh City, Haiphong and Seattle. **The service is operated fortnightly..**

Vessel Name	Job Date	From Code	To Code	#
EVER MAGI	5/3/2024	PS	TAPCT-A	-1
EVER MAGI	5/3/2024	TASTR	TAPCT-A	-1
EVER MAGI	5/5/2024	TAPCT-A	PS	-1
EVER MAGI	5/5/2024	TAPCT-A	TASTR	-1
EVER MAGI	6/22/2024	TASTR	TAPCT-A	-1
EVER MAGI	6/21/2024	PS	TAPCT-A	-1
EVER MAGI	6/22/2024	PS	TAPCT-A	-1
EVER MAGI	6/25/2024	TAPCT-A	TASTR	-1
EVER MAGI	6/25/2024	TAPCT-A	PS	-1
EVER MAX	11/6/2024	PS	MAANC	-1
EVER MAX	11/9/2024	MAANC	TAPCT-AB	-1
EVER MAX	11/9/2024	TASTR	TAPCT-AB	-1
EVER MAX	11/11/2024	TAPCT-AB	PS	-1
EVER MAX	11/11/2024	TAPCT-AB	TASTR	-1
EVER MEMO	11/18/2024	PS	TAPCT-AB	-1
EVER MEMO	11/19/2024	TASTR	TAPCT-AB	-1
EVER MEMO	11/21/2024	TAPCT-AB	TASTR	-1
EVER MEMO	11/21/2024	TAPCT-AB	PS	-1
EVER MACH	12/17/2024	PS	TAPCT-AB	-1
EVER MACH	12/18/2024	TASTR	TAPCT-AB	-1
EVER MACH	12/20/2024	TAPCT-AB	PS	-1
EVER MACH	12/20/2024	TAPCT-AB	TASTR	-1
EVER MEGA	12/22/2024	PS	TAPCT-AB	-1
EVER MEGA	12/23/2024	TASTR	TAPCT-AB	-1
EVER MEGA	12/24/2024	TAPCT-AB	PS	-1
EVER MEGA	12/24/2024	TAPCT-AB	TASTR	-1
EVER MEMO	1/6/2025	PS	TAPCT-AB	-1
EVER MEMO	1/6/2025	TASTR	TAPCT-AB	-1
EVER MEMO	1/8/2025	TAPCT-AB	TASTR	-1
EVER MEMO	1/8/2025	TAPCT-AB	PS	-1
EVER MODE	1/16/2025	PS	TAPCT-AB	-1
EVER MODE	1/16/2025	TASTR	TAPCT-AB	-1
EVER MODE	1/18/2025	TAPCT-AB	PS	-1
EVER MODE	1/18/2025	TAPCT-AB	TASTR	-1
EVER MILD	1/26/2025	PS	TAPCT-AB	-1
EVER MILD	1/27/2025	TASTR	TAPCT-AB	-1
EVER MILD	1/29/2025	TAPCT-AB	TASTR	-1
EVER MILD	1/29/2025	TAPCT-AB	PS	-1
EVER MOST	1/31/2025	PS	TAPCT-AB	-1
EVER MOST	2/1/2025	TASTR	TAPCT-AB	-1
EVER MOST	2/2/2025	TAPCT-AB	PS	-1
EVER MOST	2/2/2025	TAPCT-AB	TASTR	-1
EVER MACH	2/9/2025	PS	TAPCT-A	-1

Source: <https://container-new>

EVER MACH	2/10/2025	TASTR	TAPCT-A	-1
EVER MACH	2/11/2025	TAPCT-A	PS	-1
EVER MACH	2/11/2025	TAPCT-A	TASTR	-1
EVER MOST	10/13/2025	PS	TAPCT-AB	-1
EVER MOST	10/13/2025	TASTR	TAPCT-AB	-1
EVER MOST	10/15/2025	TAPCT-AB	PS	-1
EVER MOST	10/15/2025	TAPCT-AB	TASTR	-1
EVER MAX	10/23/2025	PS	TAPCT-AB	-1
EVER MAX	10/24/2025	TASTR	TAPCT-AB	-1
EVER MAX	10/26/2025	TAPCT-AB	PS	-1
EVER MAX	10/26/2025	TAPCT-AB	TASTR	-1
EVER MAGIC	10/30/2025	PS	TAPCT-AB	-1
EVER MAGIC	10/31/2025	TASTR	TAPCT-AB	-1
EVER MAGIC	11/2/2025	TAPCT-AB	PS	-1
EVER MAGIC	11/2/2025	TAPCT-AB	TASTR	-1
EVER MAGUS	11/9/2025	PS	TAPCT-AB	-1
EVER MAGUS	11/10/2025	TASTR	TAPCT-AB	-1
EVER MAGUS	11/12/2025	TAPCT-AB	PS	-1
EVER MAGUS	11/12/2025	TAPCT-AB	TASTR	-1
EVER MEMO	11/15/2025	PS	TAANC	-1
EVER MEMO	11/16/2025	TAANC	TAPCT-AB	-1
EVER MEMO	11/16/2025	TAANC	TAPCT-AB	-1
EVER MEMO	11/16/2025	TASTR	TAANC	-1
EVER MEMO	11/18/2025	TAPCT-AB	MAANC	-1
EVER MEMO	11/18/2025	TAPCT-AB	TASTR	-1
EVER MEMO	11/20/2025	MAANC	PS	-1
EVER MACRO	11/22/2025	PS	TAPCT-AB	-1
EVER MACRO	11/23/2025	TASTR	TAPCT-AB	-1
EVER MACRO	11/25/2025	TAPCT-AB	PS	-1
EVER MACRO	11/25/2025	TAPCT-AB	TASTR	-1
EVER MACH	12/8/2025	PS	TAPCT-AB	-1
EVER MACH	12/8/2025	TASTR	TAPCT-AB	-1
EVER MACH	12/10/2025	TAPCT-AB	PS	-1
EVER MACH	12/10/2025	TAPCT-AB	TASTR	-1
EVER MODE	12/17/2025	TASTR	TAPCT-AB	-1
EVER MODE	12/17/2025	PS	MAANC	-1
EVER MODE	12/17/2025	TASTR	TAPCT-AB	-1
EVER MODE	12/17/2025	MAANC	TAPCT-AB	-1
EVER MODE	12/19/2025	TAPCT-AB	PS	-1
EVER MODE	12/19/2025	TAPCT-AB	TASTR	-1
EVER MOST	12/22/2025	PS	TAPCT-AB	-1
EVER MOST	12/22/2025	TASTR	TAPCT-AB	-1
EVER MOST	12/24/2025	TAPCT-AB	PS	-1
EVER MOST	12/24/2025	TAPCT-AB	TASTR	-1

EVER MAGIC	1/6/2026	PS	TAPCT-AB	-1
EVER MAGIC	1/7/2026	TASTR	TAPCT-AB	-1
EVER MAGIC	1/8/2026	TAPCT-AB	TASTR	-1
EVER MAGIC	1/8/2026	TAPCT-AB	PS	-1
EVER MAGUS	1/10/2026	PS	TAPCT-AB	-1
EVER MAGUS	1/11/2026	TASTR	TAPCT-AB	-1
EVER MAGUS	1/12/2026	TAPCT-AB	TASTR	-1
EVER MAGUS	1/12/2026	TAPCT-AB	PS	-1
EVER MEMO	1/18/2026	PS	TAANC	-1
EVER MEMO	1/19/2026	TAANC	TAPCT-AB	-1
EVER MEMO	1/19/2026	TASTR	TAPCT-AB	-1
EVER MEMO	1/21/2026	TAPCT-AB	TASTR	-1
EVER MEMO	1/21/2026	TAPCT-AB	PS	-1
EVER MACRO	1/24/2026	PS	TAPCT-AB	-1
EVER MACRO	1/25/2026	TASTR	TAPCT-AB	-1
EVER MACRO	1/27/2026	TAPCT-AB	TASTR	-1
EVER MACRO	1/27/2026	TAPCT-AB	PS	-1
EVER MILD	1/31/2026	PS	TAPCT-AB	-1
EVER MILD	2/1/2026	TASTR	TAPCT-AB	-1
EVER MILD	2/3/2026	TAPCT-AB	TASTR	-1
EVER MILD	2/3/2026	TAPCT-AB	PS	-1
EVER MACH	2/12/2026	PS	TAPCT-AB	-1
EVER MACH	2/13/2026	TASTR	TAPCT-AB	-1
EVER MACH	2/15/2026	TAPCT-AB	TASTR	-1
EVER MACH	2/15/2026	TAPCT-AB	PS	-1
Trailing 24 Total				-112
Average per 12				-56

[s.com/ocean-alliance-removes-tacoma-from-htw-transpacific-service/](https://www.oregonlive.com/ocean-alliance-removes-tacoma-from-htw-transpacific-service/)

Vessel Name	Job Date	From Code	To Code	#
ATB SEA RELIANCE	5/26/2024	PAANC	ANSHE-I/S	-1
ATB SEA RELIANCE	5/26/2024	PS	PAANC	-1
ATB SEA RELIANCE	5/27/2024	ANSHE-I/S	SESTR	-1
ATB SEA RELIANCE	5/27/2024	SESTR	TATAR	-1
ATB SEA RELIANCE	5/28/2024	TATAR	SESTR	-1
ATB SEA RELIANCE	5/28/2024	SESTR	BEANC	-1
ATB SEA RELIANCE	5/30/2024	BEANC	ANSHE-I/S	-1
ATB SEA RELIANCE	5/31/2024	ANSHE-I/S	SESTR	-1
ATB SEA RELIANCE	6/2/2024	TAANC	TATAR	-1
ATB SEA RELIANCE	6/1/2024	SESTR	TAANC	-1
ATB SEA RELIANCE	6/3/2024	TATAR	SESTR	-1
ATB SEA RELIANCE	6/3/2024	SESTR	BEANC	-1
ATB SEA RELIANCE	6/6/2024	BEANC	ANSHE-O/S	-1
ATB SEA RELIANCE	6/8/2024	ANSHE-O/S	SEANC-SCW	-1
ATB SEA RELIANCE	6/9/2024	SEANC-SCW	TATAR	-1
ATB SEA RELIANCE	6/10/2024	TATAR	SESTR	-1
ATB SEA RELIANCE	6/10/2024	SESTR	BEANC	-1
ATB SEA RELIANCE	6/11/2024	BEANC	ANSHE-I/S	-1
ATB SEA RELIANCE	6/12/2024	ANSHE-I/S	SESTR	-1
ATB SEA RELIANCE	6/12/2024	SESTR	TAANC	-1
ATB SEA RELIANCE	6/13/2024	TAANC	TATAR	-1
ATB SEA RELIANCE	6/17/2024	VIANC	BEFT	-1
ATB SEA RELIANCE	6/14/2024	TATAR	SESTR	-1
ATB SEA RELIANCE	6/14/2024	SESTR	VIANC	-1
ATB SEA RELIANCE	6/21/2024	BEFT	ANSHE-O/S	-1
ATB SEA RELIANCE	6/23/2024	ANSHE-O/S	SEANC-SCW	-1
ATB SEA RELIANCE	6/23/2024	SEANC-SCW	TATAR	-1
ATB SEA RELIANCE	6/25/2024	TATAR	SESTR	-1
ATB SEA RELIANCE	6/25/2024	SESTR	BEANC	-1
ATB SEA RELIANCE	6/28/2024	BEANC	ANSHE-I/S	-1
ATB SEA RELIANCE	6/30/2024	SEANC-SCW	TATAR	-1
ATB SEA RELIANCE	6/29/2024	ANSHE-I/S	SEANC-SCW	-1
ATB SEA RELIANCE	7/1/2024	TATAR	SESTR	-1
ATB SEA RELIANCE	7/1/2024	SESTR	BEANC	-1
ATB SEA RELIANCE	7/4/2024	BEANC	ANSHE-I/S	-1
ATB SEA RELIANCE	7/5/2024	ANSHE-I/S	SEANC-EBW	-1
ATB SEA RELIANCE	7/7/2024	SEANC-EBW	TATAR	-1
ATB SEA RELIANCE	7/8/2024	TATAR	SESTR	-1
ATB SEA RELIANCE	7/8/2024	SESTR	BEANC	-1
ATB SEA RELIANCE	7/12/2024	BEANC	ANSHE-I/S	-1
ATB SEA RELIANCE	7/14/2024	SEANC-SCW	TATAR	-1
ATB SEA RELIANCE	7/15/2024	TATAR	SESTR	-1
ATB SEA RELIANCE	7/15/2024	SESTR	PAANC	-1

Source:

From: Monte C
Sent: Thursday,
To: Ivan Carlson
Cc: Dispatch <[dj](#)>
Subject: FW: AT

Ivan – FYI, mes

Thanks,
Monte

From: Morton, .
Sent: Thursday,
To: Dispatch <[dj](#)>
Cc: Pinder, Bart
Subject: ATB Se

Good Afternoon

The charter par
going forward.
Operator using

Thanks,

Joel Morton, M
Fairwater Tanke
M 206.291.810

FAIRW

ATB SEA RELIANCE	7/13/2024	ANSHE-O/S	SEANC-SCW	-1
ATB SEA RELIANCE	7/18/2024	PAANC	ANSHE-I/S	-1
ATB SEA RELIANCE	7/20/2024	ANSHE-I/S	SESTR	-1
ATB SEA RELIANCE	7/20/2024	SESTR	TATAR	-1
ATB SEA RELIANCE	7/21/2024	TATAR	SESTR	-1
ATB SEA RELIANCE	7/21/2024	SESTR	BEANC	-1
ATB SEA RELIANCE	7/21/2024	SESTR	BEANC	-1
ATB SEA RELIANCE	7/26/2024	BEANC	ANSHE-I/S	-1
ATB SEA RELIANCE	7/28/2024	SEANC-SCW	TATAR	-1
ATB SEA RELIANCE	7/29/2024	SEANC-SCW	TATAR	-1
ATB SEA RELIANCE	7/27/2024	ANSHE-I/S	SEANC-SCW	-1
ATB SEA RELIANCE	7/30/2024	TATAR	SESTR	-1
ATB SEA RELIANCE	7/30/2024	SESTR	PAANC	-1
ATB SEA RELIANCE	8/1/2024	PAANC	ANSHE-O/S	-1
ATB SEA RELIANCE	8/2/2024	ANSHE-O/S	SEANC-SCW	-1
ATB SEA RELIANCE	8/3/2024	SEANC-SCW	TATAR	-1
ATB SEA RELIANCE	8/5/2024	TATAR	SESTR	-1
ATB SEA RELIANCE	8/5/2024	SESTR	PAANC	-1
ATB SEA RELIANCE	8/8/2024	PAANC	ANSHE-I/S	-1
ATB SEA RELIANCE	8/10/2024	ANSHE-I/S	SEANC-SCW	-1
ATB SEA RELIANCE	8/11/2024	SEANC-SCW	TATAR	-1
ATB SEA RELIANCE	8/14/2024	PAANC	ANSHE-O/S	-1
ATB SEA RELIANCE	8/12/2024	TATAR	SESTR	-1
ATB SEA RELIANCE	8/13/2024	SESTR	PAANC	-1
ATB SEA RELIANCE	8/15/2024	SEANC-SCW	TATAR	-1
ATB SEA RELIANCE	8/15/2024	ANSHE-O/S	SEANC-SCW	-1
ATB SEA RELIANCE	8/17/2024	TATAR	SESTR	-1
ATB SEA RELIANCE	8/17/2024	SESTR	ANSHE-O/S	-1
ATB SEA RELIANCE	8/19/2024	ANSHE-O/S	PS	-1
ATB SEA RELIANCE	8/26/2024	ANSHE-I/S	SESTR	-1
ATB SEA RELIANCE	8/26/2024	SESTR	TATAR	-1
ATB SEA RELIANCE	8/25/2024	PS	ANSHE-I/S	-1
ATB SEA RELIANCE	8/29/2024	PAANC	ANSHE-I/S	-1
ATB SEA RELIANCE	8/28/2024	TATAR	SESTR	-1
ATB SEA RELIANCE	8/28/2024	SESTR	PAANC	-1
ATB SEA RELIANCE	8/31/2024	ANSHE-I/S	SEANC-SCW	-1
ATB SEA RELIANCE	8/31/2024	SEANC-SCW	TATAR	-1
ATB SEA RELIANCE	9/2/2024	TATAR	SEANC-SCW	-1
ATB SEA RELIANCE	9/4/2024	SEANC-SCW	PS	-1
ATB SEA RELIANCE	9/8/2024	PS	ANSHE-O/S	-1
ATB SEA RELIANCE	9/10/2024	ANSHE-O/S	SESTR	-1
ATB SEA RELIANCE	9/10/2024	SESTR	TATAR	-1
ATB SEA RELIANCE	9/12/2024	TATAR	SESTR	-1
ATB SEA RELIANCE	9/12/2024	SESTR	ANSHE-O/S	-1

ATB SEA RELIANCE	9/13/2024	ANSHE-O/S	SEANC-SCW	-1
ATB SEA RELIANCE	9/14/2024	SEANC-SCW	TATAR	-1
ATB SEA RELIANCE	9/15/2024	TATAR	SESTR	-1
ATB SEA RELIANCE	9/16/2024	SESTR	PAANC	-1
ATB SEA RELIANCE	9/16/2024	PAANC	PS	-1
ATB SEA RELIANCE	9/19/2024	PS	PAANC	-1
ATB SEA RELIANCE	9/22/2024	PAANC	ANSHE-I/S	-1
ATB SEA RELIANCE	9/23/2024	ANSHE-I/S	SESTR	-1
ATB SEA RELIANCE	9/23/2024	SESTR	TATAR	-1
ATB SEA RELIANCE	9/24/2024	TATAR	SESTR	-1
ATB SEA RELIANCE	9/24/2024	SESTR	PAANC	-1
ATB SEA RELIANCE	9/27/2024	PAANC	ANSHE-I/S	-1
ATB SEA RELIANCE	9/28/2024	ANSHE-I/S	SEANC-EBE	-1
ATB SEA RELIANCE	9/29/2024	SEANC-EBE	TATAR	-1
ATB SEA RELIANCE	9/30/2024	TATAR	SESTR	-1
ATB SEA RELIANCE	9/30/2024	SESTR	PAANC	-1
ATB SEA RELIANCE	10/2/2024	PAANC	ANSHE-I/S	-1
ATB SEA RELIANCE	10/3/2024	ANSHE-I/S	VIANC	-1
ATB SEA RELIANCE	10/4/2024	VIANC	TAANC	-1
ATB SEA RELIANCE	10/4/2024	VIANC	TAANC	-1
ATB SEA RELIANCE	10/6/2024	TATAR	SESTR	-1
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ATB SEA RELIANCE	10/28/2024	SESTR	PS	-1

ATB SEA RELIANCE	11/2/2024	PS	ANSHE-I/S	-1
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ATB SEA RELIANCE	1/5/2025	PAANC	ANHOL-O/S	-1
ATB SEA RELIANCE	1/6/2025	ANHOL-I/S	MAANC	-1
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ATB SEA RELIANCE	1/9/2025	SESTR	ANHOL-I/S	-1
ATB SEA RELIANCE	1/11/2025	TATAR	SESTR	-1
ATB SEA RELIANCE	1/11/2025	SESTR	PAANC	-1
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ATB SEA RELIANCE	2/11/2025	ANANC-WEST	ANHOL-O/S	-1
ATB SEA RELIANCE	2/12/2025	ANHOL-O/S	MAANC	-1
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ATB SEA RELIANCE	2/19/2025	ANHOL-I/S	MAANC	-1
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ATB SEA RELIANCE	3/3/2025	ANANC-WEST	ANHOL-I/S	-1
ATB SEA RELIANCE	3/4/2025	ANHOL-I/S	MAANC	-1
ATB SEA RELIANCE	3/9/2025	TATAR	SESTR	-1
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ATB SEA RELIANCE	3/23/2025	TATAR	SESTR	-1
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ATB SEA RELIANCE	3/29/2025	SESTR	TATAR	-1
ATB SEA RELIANCE	3/30/2025	TATAR	SESTR	-1
ATB SEA RELIANCE	3/30/2025	SESTR	BEANC	-1
ATB SEA RELIANCE	4/3/2025	BEANC	ANHOL-I/S	-1
ATB SEA RELIANCE	4/3/2025	ANHOL-I/S	SESTR	-1
ATB SEA RELIANCE	4/4/2025	SESTR	TATAR	-1
ATB SEA RELIANCE	4/5/2025	TATAR	SESTR	-1
ATB SEA RELIANCE	4/5/2025	SESTR	BEANC	-1
Trailing 24 Total				-254
Average per 12				-127

rowley <mcrowley@pspilots.org>

, April 10, 2025 3:30 PM

1 - President <president@pspilots.org>

ispatch@pspilots.org>

FB Sea Reliance - Change of Contract

essage below regarding ATB Sea Reliance charter as requested.

Joel <jmorton@fairwater.us>

, April 10, 2025 3:22 PM

ispatch@pspilots.org>

: <rpinder@fairwater.us>

ia Reliance - Change of Contract

n -

ty for the ATB Sea Reliance has ended as of 07 April 2025 and the vessel has entered a 30-day repair period at Everett Ship Repair. As such, the unit will not be calling regularly. Upon conclusion of the yard period, the vessel will be chartered to another company, with the area of operations TBD. My understanding is that the charter has been picked u an 80K BBL barge that does not require pilotage. If you have any further questions or concerns, please let me know.

arine Operations Manager

er Management

9



at Seaport Tacoma
up by another ATB

April 8, 2026

Chair Sheri Tonn
Washington State Board of Pilotage Commissioners
2901 Third Ave., Ste. 500
Seattle, WA 98121

Re: Number of Pilots

Dear Chair Tonn and Commissioners:

We submit these comments for your consideration. It is important to state up front that PMSA continues to be concerned about the number of callbacks and delays incurred when the number of scheduled on-watch pilots significantly exceeds the average number of daily assignments. We note the timing of this BPC process and decision unfortunately coincides with the UTC rate case where one of the factors in the mix is the number of pilots. We fully support the separation of duties between BPC and UTC but also recognize the nexus on this issue and the potential to influence a rate decision. For the purposes of this letter, we focus on workload realities and data leading up to the August 2024 BPC analysis and decision compared to the significantly reduced workload realities at present.

I was unable to participate in the BPC meeting last month but have since reviewed meeting materials that include the staff recommendation to maintain the number of authorized licenses at 60. We appreciate the presentation of data that provides relevant insight to assignment trends. I realize the BPC chose to use the trailing 24 months data but would encourage a continuation of also tracking trailing 12 months which has more nexus to current pilotage demand.

TAL On Watch, Off Watch – Both Matter

PMSA has over the years provided comprehensive comments regarding the setting of the number of pilots utilizing data primarily sourced from PSP and BPC documents. Our efforts included submittals and comments leading up to and during the August 2024 BPC decision to set the on-watch TAL at 123 with off-watch or callbacks of up to 5% or 6 assignments for a total of up to 129 per pilot. The differential between 123 and 129 represents nearly 3 pilots (currently $6 * 55$ working pilots = 330 assignments). We request that BPC avoid solely focusing on the on-watch TAL. PSP and BPC Staff have documented calculations using the formula of: Trailing 12 months assignments * 0.95 with the result divided by 123 so this approach of considering the 5% off watch has relevancy as there will be some level of callbacks in the mix going forward.

Current Workload Compared to Workload Prior to the August 2024 BPC TAL Decision

- Trailing 12 months through February is 640 fewer assignments than it was in August of 2024
 - This is equivalent to 5 fewer pilots
- Trailing 24 months through February is 186 fewer assignments than it was in August of 2024
 - This is equivalent to 1.5 fewer pilots
- If consistent with the August 2024 BPC decision, these workload reduction realities would logically lead to a number of pilots reduction range of between 1.5 and 5 pilots
- But in addition to these realities there are projected further decreases based on announcements summarized in the next section.

Forecast Traffic by Trend Analysis and Modified by Announcements

The vessel traffic forecast shows a reduction in ship calls and therefore assignments. Calendar year 2025 had 2,434 ship calls and 7,036 assignments. We applied a multiple year trend analysis of arrivals in addition to using a multiplier of arrivals to project assignments (arrivals, departures, shifts, second pilots, cancellations). Using this methodology, PMSA forecasted a reduction of assignments to 6,972 in 2026 – see the attached analysis to walk through these calculations.

In addition, there are announcements regarding services including cruise and container services in addition to the ATB service reduction already reported by PSP and finally some potential adjustment to the LNG refueling operation to be conducted by Seaspan. In total, these announcement would decrease assignments by 143 which is equivalent to the reduction of just over one more pilot. Here is a summary of the announcements:

- Cruise ship calls will increase – PSP forecasted 60 additional assignments
- Evergreen HTW service shifting out of PNW to Oakland and LA (loss of up to 80 assignments)
 - The most recent service in this string involved a 15K plus TEU class vessel which required two pilot inbound and two pilots outbound. If operated weekly that would generate 208 assignments annually.
 - Evergreen stated on April 7th (yesterday) that there are no plans at this time to resume service later this year
 - NWSA noted that this service operated up to 5 months each year. With the largest class vessel that was being used, that would be a loss of up to 80 assignments (2 in, 2 out, 20 weeks)
- UWL and ESL announced that the Sun Chief Express service, connecting Vietnam and South China to Seattle concluded operations on March 20, 2026. This means the loss of the fortnight service and a decrease of 52 assignments on an annualized basis.
 - Earlier announcement of transitioning from fortnight to weekly service was reversed to a total shut down of the service based on market conditions.
- Voids outpacing Ad Hoc calls by more than 3 to 1 (potential loss of 100+ assignments)
 - NWSA indicates a void to ad hoc sailings comparison of 38 to 11 or more than triple. If this volume/trend continues this would project a loss of approximately 50 port calls compared to 2025 (estimated reduction of 100 assignments unless 2 pilots required which would further decrease assignments)
- LNG Refueling (addition of 29 to 39 assignments)
 - Seaspan plans 13 refueling operations initially weekly service including a transit to anchor so 3 assignments per evolution
 - Seaspan stated they would run through the refueling operation a couple of times and then look to reduce it to bi-weekly and perhaps schedule arrival to Elliott Bay timed with the arrival of the cruise ship to avoid the stay at anchorage.

Lastly, there are container cargo volume reductions which need to stabilize or start growing if we are to avoid further loss of container calls through service changes or management via void sailings. One need only looks at TEU volume reports put out by NWSA, PMSA and others to see the trend particularly in the PNW.

The reduction in pilot assignments since the August 2024 BPC decision is significant. The magnitude of reduction reasonably leads to the need to reduce the number of pilots if being consistent with the 2024 decision. Using a longer time period like trailing 24 months will produce a higher number of assignments given the peak year of 2024 but with each succeeding month, a high assignment month in 2024 will be replaced by a lower assignment month in 2026. The BPC can reduce or increase the

number of pilot licenses as frequently as it sees fit and in fact did so just 10 years ago with the number of pilots adjusted a couple of times in a few short months. There is every opportunity for the BPC to adjust to the traffic conditions to right size the pilot corps as it sees appropriate. We urge the BPC to do the logical thing and right size the number of pilot licenses to the current realities and pilotage demand.

Sincerely,

A handwritten signature in blue ink that reads "MR Moore". The letters are cursive and fluid, with a long horizontal stroke at the end of the word "Moore".

Captain Mike Moore
Vice President

Encl: PMSA 2026 Vessel and Assignment Projections

PMSA Vessel Projections for 2026

1 **A. PMSA Vessel Projection for 2026.**

2
3 **Q: Did PSP provide any projections of vessel activity after 2025 for use**
4 **in a rate year?**

5 A: No. WAC 480-07-525(4)(m) requires a work paper with “[p]rojected changes
6 in vessel assignments.” PSP failed to provide this. Its testimony on vessel
7 traffic was limited, outdated, inaccurate, and did not project any changes in
8 vessel assignments beyond 2025.

9
10 **Q: Is PMSA providing a detailed analysis of projected changes in**
11 **vessel assignments in lieu of PSP’s missing work papers?**

12 A: Yes.

13
14 **Q: What is PMSA providing as the source of this analysis?**

15 A: The source data is from the Marine Exchange of Puget Sound, as provided
16 in the testimony of John Veentjer (Exhibit JV-01T). In my testimony, I
17 analyze that data to develop vessel traffic projections, supported by
18 worksheets submitted as exhibits.

19
20 **Q: What data in Exhibit JV-01T does the Marine Exchange collect**
21 **regarding vessel arrivals?**

22 A: The Marine Exchange data includes annual vessel arrivals at Puget Sound
23 ports (excluding Grays Harbor) for each calendar year from 2005 through
24 2024, plus the latest data for 2025. This data is presented in the
25 attachments to Exhibit JV-01T.

26

1 **Q: What are the key observations of the Marine Exchange data over**
2 **this 20-year period?**

3 A: The data shows vessel arrivals ranging from a low of 2,159 arrivals in 2020
4 (the COVID-19 pandemic year) to a high of 2,994 arrivals in 2006. The 20-
5 year average is approximately 2,612 arrivals per year. The most recent
6 complete year, 2024, shows 2,486 arrivals, while the Marine Exchange data
7 for 2025 indicates 2,434 arrivals.

8
9 **Q: Does the Marine Exchange data show vessel arrivals increasing or**
10 **decreasing in recent years?**

11 A: The Marine Exchange data points to 2,434 arrivals for 2025, which
12 represents a decline of 52 arrivals (-2.1%) from the 2024 level of 2,486
13 arrivals.

14
15 **Q: Is there data available showing PSP pilot assignments over the**
16 **same time period?**

17 A: Yes. PSP pilot assignment data is available from multiple sources including
18 BPC Annual Reports, PSP Monthly Activity Reports, PSP financial reports
19 submitted in prior rate cases, and testimony in prior proceedings. This data
20 is compiled in Exhibit MM-27, the AAL Worksheet.

21
22 **Q: How do vessel arrivals reported by the Marine Exchange correlate**
23 **to pilot assignments reported by PSP?**

24 A: A vessel arrival is a single event: a vessel calling at a Puget Sound port. In
25 contrast, PSP pilot assignments include multiple events: the inbound and
26

1 outbound transits, internal movements (e.g., shifting berths), second pilot
2 assignments, and cancellations.

3
4 **Q: Is there a mathematical relationship between Marine Exchange**
5 **arrivals and PSP assignments?**

6 A: Yes. Over the 20-year period from 2005 through 2025, there is a consistent
7 correlation between the number of vessel arrivals reported by the Marine
8 Exchange and the number of pilot assignments reported by PSP.

9 For the years 2005 through 2025 (excluding the 2020 pandemic
10 anomaly), the ratio of PSP pilot assignments to Marine Exchange vessel
11 arrivals ranges from a low of 2.732 in 2009 to a high of 3.138 in 2015, with
12 an average of 2.88. This correlation is detailed in Exhibit MM-23r.

13
14 **Q: What does a ratio of 2.88 mean?**

15 A: It means that, on average, for every vessel arrival recorded by the Marine
16 Exchange, PSP completes approximately 2.88 pilot assignments. This
17 accounts for both the inbound and outbound transits, plus shifts, second
18 pilot assignments and cancellations.

19
20 **Q: How stable is this correlation over the 20-year period?**

21 A: The correlation is quite stable. There is relatively low variance around the
22 average ratio of 2.88. The median ratio is 2.87, very close to the average,
23 which confirms the consistency of this relationship.

24
25 **Q: Has the correlation changed in recent years compared to the**
26 **historical average?**

1 A: The data shows a slight increase in recent years. The average ratio for the
2 pre-COVID period (2005-2019) was 2.85, while the average for the post-
3 COVID period (2021-2025) is 2.96.
4

5 **Q: Does PSP have actual pilot assignment data for 2025?**

6 A: Yes. In response to PMSA Data Request No. 98,¹³⁴ PSP provided its actual
7 pilot assignments for the trailing twelve-month period from December 2024
8 through November 2025, which totaled 7,016 assignments.
9

10 **Q: How does this actual 2025 data compare to what the Marine**
11 **Exchange correlation would predict?**

12 A: The Marine Exchange data indicates 2,434 vessel arrivals for 2025. Using
13 the 20-year average correlation ratio of 2.88, this would predict 7,001 pilot
14 assignments. PSP's actual trailing twelve-month data through November
15 shows 7,016 assignments, which is 99.789% correlated and only 15
16 assignments (00.221%) higher than the Marine Exchange methodology
17 would predict.
18

19 **Q: What is the actual correlation ratio for 2025 based on PSP's**
20 **reported data?**

21 A: Dividing PSP's actual 7,016 assignments by the Marine Exchange's 2,434
22 anticipated arrivals yields a ratio of 2.882, which is essentially the same as
23 the 20-year average of 2.88.
24
25

26 ¹³⁴ Exh. MM-05.

1 **Q: What does this tell us about the predictive accuracy of the vessel**
2 **arrival to assignment correlation methodology?**

3 A: It demonstrates that the Marine Exchange vessel arrival data, combined
4 with the historical correlation ratio, provides a highly accurate method for
5 predicting PSP pilot assignments, with less than 1% variance from actual
6 results.

7
8 **Q: What methodology does PMSA propose for projecting vessel traffic**
9 **and pilot assignments for the potential rate years 2026 and 2027?**

10 A: PMSA proposes using trend line analysis (also called “hindcasting”) based
11 on historical Marine Exchange vessel arrival data, combined with the
12 proven 20-year correlation ratio of 2.88.

13
14 **Q: What is trend line analysis or “hindcasting”?**

15 A: Trend line analysis, or hindcasting, is a standard forecasting method that
16 uses historical data to identify trends and extend them forward to make
17 projections.

18
19 **Q: Why is trend line analysis appropriate for projecting vessel traffic?**

20 A: Trend line analysis is particularly appropriate when there is sufficient
21 historical data to establish reliable patterns, when the underlying factors
22 affecting the data remain relatively consistent, and when the goal is to
23 make conservative, data-driven projections rather than speculative
24 forecasts.

25
26 **Q: What historical data period does PMSA use for this analysis?**

1 A: PMSA analyzed Marine Exchange vessel arrival data from 2005 through
2 2025, excluding calendar year 2020 as an anomaly due to the COVID-19
3 pandemic. The 2025 data represents PSP's actual trailing twelve-month
4 assignments from December 2024 through November 2025 (7,016
5 assignments), converted back to vessel arrivals using the established
6 correlation ratio.

7
8 **Q: Why is 2020 excluded from the analysis?**

9 A: Consistent with Commission precedent (Final Order 08), we exclude 2020
10 because vessel traffic was distorted by the COVID-19 pandemic. Including
11 this anomalous data (2,159 arrivals vs. 2,554 in 2019 and 2,340 in 2021)
12 would produce unreliable projections, and excluding outliers is standard
13 statistical practice.

14
15 **Q: What are the trend line forecast alternatives that you looked at?**

16 A: We analyzed three trend lines based on different historical periods: a 20-
17 year trend, a 10-year trend, and a 5-year trend (all excluding 2020). Longer
18 periods capture broad, structural changes, while shorter periods reflect
19 recent market conditions. Presenting all three allows the Commission to
20 evaluate which best projects traffic for the rate years.

21
22 **Q: Please describe the 20-year trend analysis.**

23 A: The 20-year trend analysis uses Marine Exchange data from 2005 through
24 2025 (excluding 2020), providing 20 data points. The 2025 data point
25 represents PSP's actual trailing twelve-month assignments (7,016)
26 converted to vessel arrivals. This analysis is presented in Exhibit MM-24.

1 **Q: What does the 20-year vessel arrival trend show?**

2 A: The 20-year trend shows a declining pattern of vessel arrivals, with an
3 average decline of approximately 30 arrivals per year. The 20-year trend
4 projects 2,315 vessel arrivals in 2026 and 2,285 arrivals in 2027. Using the
5 established correlation ratio of ~~2.8761~~ 2.8764:

- 6 • 2026: 2,315 arrivals $\times$ ~~2.8761~~ 2.8764 = ~~6,658~~ 6,659 pilot assignments
- 7 • 2027: 2,285 arrivals $\times$ ~~2.8761~~ 2.8764 = 6,573 pilot assignments

8
9 **Q: Please describe the 10-year trend analysis.**

10 A: The 10-year trend analysis uses Marine Exchange data from 2015 through
11 2025 (excluding 2020), providing 10 data points. This analysis is presented
12 in Exhibit MM-25r.

13
14 **Q: What does the 10-year vessel arrival trend show?**

15 A: The 10-year trend shows a more modest declining pattern, with an average
16 decline of approximately 10 arrivals per year. The 10-year trend projects
17 ~~2,421~~ 2,424 vessel arrivals in 2026 and ~~2,410~~ 2,414 arrivals in 2027.

18 Applying the correlation ratio of 2.8761:

- 19 • 2026: ~~2,421~~ 2,424 arrivals $\times$ 2.8761 = ~~6,962~~ 6,972 pilot assignments
- 20 • 2027: ~~2,410~~ 2,414 arrivals $\times$ 2.8761 = ~~6,932~~ 6,944 pilot assignments

21
22 **Q: Please describe the 5-year vessel arrival trend analysis.**

23 A: The 5-year trend analysis uses Marine Exchange vessel arrival data from
24 2019 and 2021 through 2025 (excluding 2020), providing 6 data points. This
25 analysis is presented in Exhibit MM-26r.

1 **Q: What does the 5-year trend show?**

2 A: The 5-year trend shows a decline of approximately 11 arrivals per year. The
3 5-year trend projects ~~2,413~~ 2,423 vessel arrivals in 2026 and ~~2,402~~ 2,412
4 arrivals in 2027. Applying the correlation ratio of ~~2.8761~~ 2.8764:

- 5 • 2026: 2,413 arrivals $\times$ ~~2.8761~~ 2.8764 = ~~6,941~~ 6,970 pilot assignments
- 6 • 2027: 2,402 arrivals $\times$ ~~2.8761~~ 2.8764 = ~~6,908~~ 6,938 pilot assignments

7
8 **Q: Do all three trend analyses point in the same direction?**

9 A: Yes. All three trend analyses show declining vessel arrivals, differing only in the
10 rate of decline. The projections for 2026 assignments range from ~~6,658~~ 6,659
11 (using the 20-year vessel arrival trend) to ~~6,962~~ 6,972 (using the 10-year vessel
12 arrival trend), a span of only ~~304~~ 313 assignments or approximately ~~4.6~~ 4.7%.

13
14 **Q: How do these projections compare to current actual data?**

15 A: PSP's actual trailing twelve-month data (December 2024 through November
16 2025) shows 7,016 assignments, which is included as the 2025 data point in
17 all three trend analyses. All three trend projections show continued decline
18 from this level:

- 19 • 20-year trend: ~~6,658~~ 6,659 for 2026 (5.1% below 2025 actual)
- 20 • 10-year trend: ~~6,962~~ 6,972 for 2026 (0.8 0.6% below 2025 actual)
- 21 • 5-year trend: ~~6,941~~ 6,970 for 2026 (1.1 0.7% below 2025 actual)

22
23 **Q: What are the arguments in favor of and against using the 20-year**
24 **vessel arrival trend?**

25 A: The 20-year trend has several strengths. It captures long-term structural
26 changes in the maritime industry, including shifts in global trade patterns,

1 changes in vessel sizes, and evolution of supply chains. It also provides the
2 most conservative projection, which is appropriate for rate-making purposes
3 where the goal is to avoid over-recovery. Finally, it encompasses complete
4 business cycles, including the 2008-2009 financial crisis and recovery,
5 providing a more complete picture of market dynamics. And, with 20 data
6 points including actual 2025 data, it has the most robust statistical
7 foundation.

8 The main question is whether conditions from 2005-~~2010~~ 2015 remain
9 relevant to current and future vessel traffic patterns. Maritime trade has
10 evolved significantly over this period, and it is my opinion that the more recent
11 data better reflects current market realities with respect to vessel arrivals.

12
13 **Q: What are the arguments in favor of and against using the 10-year**
14 **vessel arrival trend?**

15 A: The 10-year trend balances historical perspective with current relevance. It
16 reflects the post-Great Recession “new normal” and the market conditions
17 which have been in place through at least one typical business cycle
18 between the Great Recession and the COVID pandemic. Its more moderate
19 declining trend may also better represent current realities, including the
20 rise in cruise ship calls that masks steeper declines in cargo traffic. With 10
21 data points, it has a solid statistical foundation.

22
23 **Q: What are the arguments in favor of and against using the 5-year**
24 **trend?**

25 A: The 5-year trend’s strength is its focus on the most recent market
26 conditions, including the post-pandemic recovery and current trade

1 dynamics. However, its primary limitation is the small dataset, which
2 makes the projection more susceptible to short-term fluctuations and less
3 statistically reliable.

4
5 **Q: Of the three trend analyses presented here, which does PMSA**
6 **recommend the Commission use for projecting vessel traffic and**
7 **pilot assignments for rate years 2026 and 2027?**

8 A: PMSA recommends the Commission use the 10-year trend analysis at
9 Exhibit MM-25r, which projects ~~6,962~~ 6,972 pilot assignments for 2026 and
10 ~~6,932~~ 6,944 assignments for 2027.

11
12 **Q: Why does PMSA recommend the 10-year vessel arrival trend over**
13 **the 20-year or 5-year alternatives?**

14 A: The 10-year vessel traffic trend provides the optimal balance of statistical
15 reliability and relevance to current market conditions. It uses a robust 10-
16 point dataset (2015-2025) that reflects the modern post-recession maritime
17 trade environment. Most importantly, its projection is validated by actual,
18 recent data.

19 The 10-year trend projects ~~6,962~~ 6,972 assignments for 2026, which is
20 within ~~0.8~~ 0.6% of PSP's actual 2025 assignment total (7,016) and nearly
21 identical to the projection derived from the 20-year assignment-to-arrival
22 correlation (~~6,992~~ 2,434 $\times$ 2.8764 = 7,001). This tight clustering of results
23 from independent data points provides high confidence that ~~6,962~~ 6,972
24 assignments is the most reasonable and reliable projection for 2026.

1 **Q: Is the 10-year trend the “middle ground” among the three**
2 **alternatives?**

3 A: Yes, the 10-year trend occupies the middle ground because it appropriately
4 balances competing considerations. The 10-year trend projection is very
5 close to the 5-year trend’s result (a difference of only 21 assignments) but is
6 based on a much larger and more statistically reliable dataset. It is
7 therefore not just a middle ground, but the most analytically sound
8 approach available.
9

10 **Q: What vessel traffic and pilot assignment levels does PMSA**
11 **recommend the Commission use for rate-setting purposes for the**
12 **next rate year?**

13 A: PMSA recommends the Commission use the 10-year trend projections of:

- 14 • 2026: ~~6,962~~ 6,972 pilot assignments
- 15 • 2027: ~~6,932~~ 6,944 pilot assignments

16 These projections are based on objective vessel arrival data, proven 20-year
17 correlation methodology with ~~99.65~~ 99.8% accuracy (7,001/7,016), standard
18 statistical techniques, and actual 2025 trailing twelve-month experience.
19 We provide both 2026 and 2027 as the proposed rate year is likely to
20 straddle both.
21

22 **Q: Would it be in ratepayers’ short-term financial interest for the**
23 **Commission to accept PSP’s higher projection of 7,446 assignments?**

24 A: Yes, actually it would. In a revenue requirement proceeding, once the
25 Commission determines the total dollar amount of revenue PSP is entitled
26 to collect, that amount is divided by the projected number of assignments to

1 calculate the tariff rates per vessel tonnage or per bridge hour. A higher
2 number of assignments in the denominator results in a lower rate per
3 customer. So, if the Commission were to accept PSP's projection of 7,446
4 assignments, the rate per vessel would be lower than if the Commission
5 adopts PMSA's projection of ~~6,962~~ 6,972 assignments.

6
7 **Q: Given that accepting PSP's higher projection would result in lower**
8 **rates for PMSA's members, why is PMSA advocating for a lower**
9 **assignment projection?**

10 A: Because PMSA is committed to providing the Commission with the most
11 accurate, evidence-based projections possible. While inflated projections
12 might lower per-vessel rates in the short term, they undermine the integrity
13 of the regulatory process. Rates should be based on the best available
14 evidence, not unsupported guess-timates. Accurate projections ensure stable
15 rates for ratepayers, appropriate workloads for pilots, and sound decisions
16 by the Commission.

17 PMSA's projections are based on objective data from the Marine
18 Exchange-an independent, non-profit organization with no stake in this
19 proceeding whose data is widely used and trusted for operational and safety
20 analysis in Puget Sound.

21 As demonstrated, our vessel-to-assignment correlation has ~~99.65~~ 99.8%
22 accuracy against two decades of PSP's own data, and our recommended
23 projection (~~6,962~~ 6,972 assignments) converges with the results of that
24 correlation analysis (~~6,992~~ 7,001 assignments). This convergence of
25 independent methods provides a reliable, evidence-based foundation for
26 ratemaking.

End of Vessel Projection Section of
Testimony