Puget Sound Pilotage District Assignments 2012-2021, quarterly, by vessel type, including cancellations

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Grays Harbor Pilotage District Assignments 2012-2021
quarterly, by vessel type when available, including cancellations

<table>
<thead>
<tr>
<th>Quarter</th>
<th>GH All Types</th>
<th>GH BB/Log</th>
<th>GH Ro-Ro</th>
<th>GH BB/Log</th>
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<tr>
<td>2021</td>
<td>52</td>
<td>52</td>
<td>52</td>
<td>52</td>
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</tr>
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</table>

- GH All Types: 69, 84, 74, 75, 50, 42, 49, 49, 64, 62, 52
- GH BB/Log: 41, 48, 45, 44, 49, 51, 51, 52
- GH Ro-Ro: 68, 68, 68, 68, 49, 49, 49, 64, 62, 52
- CANCELS: 1, 1, 1, 1, 3, 0, 0, 1, 0, 0, 2, 1

TOTAL: 441, 441, 51, 48, 45, 84, 41, 41, 51, 441, 441, 51, 441, 441, 51, 441, 441, 51, 441, 441, 51, 441, 441, 51, 441, 441, 51, 441, 441, 51
Vessel Arrivals

Up 92 YTD Through July – Comparing to Depressed COVID Numbers Last Year

- Containers up 20
- Bulkers up 48
- Car Carriers up 30
- Cruise ships up 22
- Tankers/ATB’s down 30

Note: As expected, ship counts are rebounding particularly with cruise ships resuming operations. Adding container ship services back into the mix has led to some recovery there as well. Bulkers and car carrier activity has been solid all year as indicated in past reports. For context arrivals in July are about 10% off Pre-Covid July numbers and nearly 400 arrivals less YTD than 2018 or 2019.

Container Vessels Queuing Up: at Anchor, Drifting or Slow Steaming

- NWSA container ship calls are bunching due in part to container vessels skippin calls in Oakland. Logically, Oakland’s backlog of container ships at anchor or drifting offshore has markedly reduced while our gateway saw an increase.

- Container ships at anchor in the pilotage district peaked at 13 on July 30th with another drifting off the coast. Container vessels have utilized anchor grounds as far north as Bellingham.

- The Coast Guard continues to carefully manage anchor reservations and anchor ground use; infrequently used anchor grounds now being used continue to generate complaints (citizens, tribes, etc.)

- Options to change the queueing of vessels calling at marine terminals are being discussed again; one option is to change how a vessel is placed in the queue and allow a vessel to slow steam at sea before arrival if they are destined to head to an anchor ground. Typically, vessels are placed in queue upon arrival to the pilot station.

- Recall rail capacity issues continue with Chicago still a significant bottle neck.

- Back to school and Christmas shipping season will add to the ramp up in consumer activity which is generating huge import volumes.

- Relevancy to BPC: we hope to reduce the total number of container ships at anchor and time at anchor which would potentially lead to more normal arrival/departure assignments without an anchorage assignment.
The global supply chain wasn’t built for this: freight delays hammer US Ports, rail yards and warehouses are straining to meet roaring consumer demand as economy recovers

https://www.ft.com/content/03a693a7-0445-41dd-a7f3-c1b6f162e5ef

The ports of Long Beach and Los Angeles have reported delays after moving much higher than normal numbers of containers

Financial Times

Wayne Kaylor knew his shipping container was parked somewhere in a Chicago rail yard. He just did not know where, and for 78 days, no one could tell him. Thanks to roaring consumer demand, US rail yards, ports and warehouses are choked with freight, with too few people to move it quickly, causing delays and rising prices for companies and consumers. Kaylor heads Way Interglobal, an Elkhart, Indiana distributor selling refrigerators, stoves and other appliances to big-name RV manufacturers like Winnebago Industries. From May 4 to July 21, Kaylor’s shipping container holding dozens of electric fireplaces got lost in the shuffle.

Manufacturers are tacking on surcharges and bemoaning lost business, with industrial conglomerate Honeywell International blaming supply chain difficulties for a revenue hit of up to $200m. Retailers are scrambling to secure enough products to sell for the holiday season, with big chains ordering larger amounts of inventory than normal, hoping at least some of it arrives on time.

From ports to rail yards, global supply lines struggle amid virus outbreaks in the developing world


Some back-to-school products could be hard to find for American consumers in the coming weeks

By David J. Lynch, Washington Post

Fresh coronavirus outbreaks are forcing factory shutdowns in countries such as Vietnam and Bangladesh, aggravating supply chain disruptions that could leave some U.S. retailers with empty shelves as consumers begin their back-to-school shopping. The overseas work stoppages are just the latest twist in almost 18 months of pandemic-related manufacturing and transportation woes. The new infections come as two of the largest U.S. railroads last week restricted shipments from West Coast seaports to Chicago, where a surge of shipping containers has clogged rail yards.

Retailers only have enough goods on hand for a bit more than one month of sales, near the lowest level of inventory since 1992, according to the U.S. Census Bureau. So imports are likely to remain at high levels for the rest of the year, meaning more strain for beleaguered supply lines. “The network is at full capacity or over capacity,” said Zvi Schreiber, CEO of Freightos. “So if there’s any shock, there’s a very long recovery period.”

Beware ‘nasty side effects’ if government targets ocean carriers

Greg Miller, Senior Editor Follow on TwitterThursday, August 5, 2021


As skyrocketing rates squeeze importers and exporters scramble for containers, the push for government intervention is accelerating. What if the U.S. government does move to rein in foreign carriers? What if carrier alliances are broken up, detention and demurrage charges are curtailed, export service is mandatory and — most hypothetically — spot rates are capped? To answer these questions, American Shipper spoke with Lars Jensen of Denmark-based Vespucci Maritime.

“For the last 20 years, there has been a big trade imbalance and a lot more imports to the U.S. than exports. Since carriers have to return the containers anyway, they were willing to provide a low price to exporters. Exporters built their business models around the fact that freight was not free, but somewhere close to that, and that is what has worked fine for decades. It depends on what index you trust, but I ran a few numbers and if a carrier has a slot that goes round trip [on the trans-Pacific], only about 5-7% of revenue is paid by U.S. exporters, so there is a clear incentive to not tie up equipment for the exporter when the carrier can make much more money on the import side. “If I, as a carrier, were now told that I have to provide the exporter with freight, I’d say: ‘That’s fine. That will just be reflected in the freight rate.’ And you would see export freight rates skyrocket.

“If, as a carrier, I am now forced to absolutely make sure I can take the cargo for the exporter, then export pricing would have to be much closer to what the importer is paying.
A First Look at June’s TEU Numbers

Note: Continuing our recent practice of downplaying the significance of year-over-year comparisons with the dismal container trade numbers rung up in last year’s second quarter, this “First Look” contrasts this June’s container tallies with the numbers from the more normal, pre-pandemic June of 2019.

The first major port to report June numbers was Long Beach. Inbound loads, while up handily over a year earlier and 7.7% over June 2019, were down sharply from May. The port handled 87,635 fewer inbound loads and 18,398 fewer outbound loads than in the previous month, owing at least in part to the temporary closure of Yantian and congestion at other Chinese ports. June’s total TEU traffic at the San Pedro Bay port was off by 182,919 TEUs from May. Even odder, Long Beach was a busier port in June 2018 than it was this June, with inbound and outbound loads as well as total TEU traffic all lower this June than they were three Junes ago.

Over at the adjacent Port of Los Angeles, inbound loads in June (467,763 TEUs) were down 12.7% from the record-high 535,714 inbound loads the port had handled a month earlier. June’s import traffic was, however, up 18.0% over the 396,307 laden TEUs loads the port received in June 2019. On the other hand, LA was not exactly an export powerhouse in June, with just 96,067 export loads. That turns out to have been the fewest export loads the port sent out to sea in any month since September of 2005.

Collectively, the two big Southern California ports pushed past the 10 million total TEU mark in June, 23.8% more than the two ports handled through the first half of 2019. Import loads were higher by 27.6% but outbound loads were down by 13.8%.

Up at the Port of Oakland, June inbound loads (90,060 TEUs) were up by 2.7% from the previous month and by 17.5% from June 2019, while outbound loads were down by 5.9%. Overall, Oakland handled 9.2% more total TEUs this June (222,483) than it had two years earlier (203,731).

Further up the U.S. West Coast (USWC), the Northwest Seaport Alliance Ports of Tacoma and Seattle handled 133,904 loaded import TEUs this June, 9.2% more than in June 2019. Export loads, however, were down 19.5% over the same span. The total of all container traffic through the two ports was down 2.9% from June 2019.

Overall container traffic at the Port of Vancouver plunged by 21.6% in June from the month before owing largely to an interruption in normal rail service to the Port of Vancouver caused by wildfires in British Columbia. Still, the 151,144 inbound loaded TEUs the port received in June represented a 17.5% bounce over June 2019. Outbound loads, however, were down 13.7% from two years earlier. The other British Columbia port we track, Prince Rupert, posted some particularly disturbing figures for June. Not only was it the only major Pacific Coast port...
to handle fewer loaded inbound containers in June than it had during the two previous Junes, but it also did so with elan. Inbound loads were down year-over-year by 42.0% and from June 2019 by 51.5%. Export loads were off by similar margins, down 46.1% from last June and by 39.5% from June 2019.

Back East, Boston’s Conley Terminal had a poor June. Inbound loads (9,014 TEUs) were off by 35.0% from two years earlier, while its 5,833 outbound loads were down by 20.8%. Heading down the Atlantic Seaboard, Charleston posted a 22.8% jump in inbound loads over June 2019 along with a simultaneous 3.8% gain in outbound loads.

Savannah saw a 27.8% bump over June 2019 in import loads (215,729 TEUs), while export loads advanced by 4.6%. Over at the Port of Virginia, import loads (138,737 TEUs) were up 23.1% from June 2019, while export loads (78,853 TEUs) rose by 9.6%.

On the Gulf Coast, Houston handled 139,488 inbound loaded TEUs this June, a 32.6% jump from the same month two years earlier. However, its outbound loads (84,614 TEUs) were down by 20.5% from June 2019. Total container traffic at the big Texas port in June (292,627 TEUs) was up 16.4% from June 2019.

Not one of the ports that have so far reported their June TEU tallies recorded more inbound loads in June than in May.

Regionally, the Big Five U.S. West Coast ports handled 1,053,828 inbound loaded TEUs this June, down 12.6% from May but up 13.1% from June 2019. Outbound loads this June totaled 341,136 TEUs, down 10.8% from June 2019.

Documenting the May 2021 TEU Numbers

Please note: The TEU tallies cited here are not derived from forecasting algorithms or the partial information available from U.S. Customs and Border Protection but instead represent the actual TEU counts reported by the major North American seaports we survey each month. The U.S. mainland ports we monitor collectively handle over 90% of the container movements at continental U.S. ports.

Because of the pandemic’s effect in skewing year-over-year comparisons of container trade, we will again be offering two sets of comparative statistics. We begin with Exhibit 1 which compares the import numbers for this May with the same month in the two preceding years.

Exhibit 1 displays the complete inbound loaded container traffic numbers for May as reported by the sixteen mainland U.S. and two British Columbian ports we track. Inbound loads for all eighteen ports totaled 2,646,027 TEUs, up 25.8% from May 2019.

The brunt of the surge fell on the five major USWC ports, which collectively saw a 31.6% bump in inbound loads since May 2019.

Exports, as Exhibit 2 illustrates, generally continued their downward spiral. Collectively, the U.S. and British Columbia ports we track shipped 3.4% fewer outbound loads this May than in May 2019. Largely due to the huge fall-off in export traffic through the Port of Los Angeles, the major USWC ports saw a combined 12.4% reduction in export loads since May 2019. Still, several ports showed export gains over the two-year interval. These included Long Beach, Virginia, Maryland, Charleston, Savannah, and Jaxport who all shipped more outbound loads this May than in the same month two years earlier.
## Exhibit 1

### May 2021 - Inbound Loaded TEUs at Selected Ports

<table>
<thead>
<tr>
<th>Port</th>
<th>May 2021</th>
<th>May 2020</th>
<th>% Change</th>
<th>May 2019</th>
<th>May 2019 YTD</th>
<th>May 2020 YTD</th>
<th>% Change</th>
<th>May 2019 YTD</th>
<th>% Change</th>
</tr>
</thead>
<tbody>
<tr>
<td>Los Angeles</td>
<td>535,714</td>
<td>306,323</td>
<td>74.9%</td>
<td>427,789</td>
<td>2,366,449</td>
<td>1,581,445</td>
<td>49.6%</td>
<td>1,863,960</td>
<td>27.0%</td>
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<tr>
<td>Long Beach</td>
<td>444,736</td>
<td>312,590</td>
<td>42.3%</td>
<td>290,568</td>
<td>1,958,070</td>
<td>1,359,252</td>
<td>44.6%</td>
<td>1,482,193</td>
<td>32.1%</td>
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<td>San Pedro Bay Totals</td>
<td>980,450</td>
<td>618,913</td>
<td>58.4%</td>
<td>718,357</td>
<td>4,324,519</td>
<td>2,940,697</td>
<td>47.1%</td>
<td>3,346,153</td>
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<td>Oakland</td>
<td>92,558</td>
<td>73,423</td>
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<td>85,970</td>
<td>449,581</td>
<td>371,897</td>
<td>20.9%</td>
<td>393,256</td>
<td>14.3%</td>
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<tr>
<td>NWSA</td>
<td>132,714</td>
<td>86,129</td>
<td>54.1%</td>
<td>111,730</td>
<td>607,945</td>
<td>461,594</td>
<td>31.7%</td>
<td>569,673</td>
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<td>USWC Totals</td>
<td>1,205,722</td>
<td>778,465</td>
<td>54.9%</td>
<td>916,057</td>
<td>5,382,045</td>
<td>3,774,188</td>
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<td>4,309,082</td>
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<td>Boston</td>
<td>8,410</td>
<td>10,439</td>
<td>-19.4%</td>
<td>11,436</td>
<td>59,324</td>
<td>56,944</td>
<td>-7.0%</td>
<td>59,324</td>
<td>-22.9%</td>
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<td>NYNJ</td>
<td>396,417</td>
<td>266,004</td>
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<td>340,680</td>
<td>1,854,409</td>
<td>1,444,677</td>
<td>28.4%</td>
<td>1,544,354</td>
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<td>Maryland</td>
<td>46,049</td>
<td>37,741</td>
<td>22.0%</td>
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<td>205,659</td>
<td>182,182</td>
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<td>Virginia</td>
<td>144,916</td>
<td>87,669</td>
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<td>493,551</td>
<td>431,012</td>
<td>14.5%</td>
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<td>28.5%</td>
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<td>77,072</td>
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<td>88,009</td>
<td>503,348</td>
<td>410,833</td>
<td>22.6%</td>
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<td>Georgia</td>
<td>235,687</td>
<td>154,730</td>
<td>52.3%</td>
<td>185,265</td>
<td>1,143,883</td>
<td>827,212</td>
<td>38.3%</td>
<td>906,563</td>
<td>26.2%</td>
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<td>Jaxport</td>
<td>33,940</td>
<td>23,661</td>
<td>43.4%</td>
<td>30,022</td>
<td>143,898</td>
<td>122,577</td>
<td>11.2%</td>
<td>143,341</td>
<td>0.4%</td>
</tr>
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<td>Port Everglades</td>
<td>30,443</td>
<td>19,410</td>
<td>56.8%</td>
<td>25,619</td>
<td>147,511</td>
<td>126,636</td>
<td>16.5%</td>
<td>141,525</td>
<td>4.2%</td>
</tr>
<tr>
<td>Miami</td>
<td>44,645</td>
<td>29,658</td>
<td>50.5%</td>
<td>35,943</td>
<td>232,381</td>
<td>165,269</td>
<td>40.6%</td>
<td>180,875</td>
<td>28.5%</td>
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<td>USEC Totals</td>
<td>1,047,557</td>
<td>706,384</td>
<td>48.3%</td>
<td>881,550</td>
<td>4,925,791</td>
<td>3,854,749</td>
<td>27.8%</td>
<td>4,193,509</td>
<td>17.5%</td>
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<tr>
<td>New Orleans</td>
<td>11,552</td>
<td>13,725</td>
<td>-15.8%</td>
<td>12,994</td>
<td>52,971</td>
<td>59,256</td>
<td>-10.6%</td>
<td>56,944</td>
<td>-7.0%</td>
</tr>
<tr>
<td>Houston</td>
<td>132,853</td>
<td>99,509</td>
<td>33.5%</td>
<td>107,126</td>
<td>609,958</td>
<td>482,815</td>
<td>26.3%</td>
<td>499,628</td>
<td>22.1%</td>
</tr>
<tr>
<td>USGC Totals</td>
<td>144,405</td>
<td>113,234</td>
<td>27.5%</td>
<td>117,653</td>
<td>662,929</td>
<td>542,071</td>
<td>22.3%</td>
<td>543,578</td>
<td>22.0%</td>
</tr>
<tr>
<td>Vancouver</td>
<td>191,637</td>
<td>132,473</td>
<td>44.7%</td>
<td>130,769</td>
<td>840,310</td>
<td>650,399</td>
<td>29.2%</td>
<td>706,273</td>
<td>19.0%</td>
</tr>
<tr>
<td>Prince Rupert</td>
<td>56,706</td>
<td>36,439</td>
<td>55.6%</td>
<td>57,578</td>
<td>222,062</td>
<td>223,889</td>
<td>-0.8%</td>
<td>241,625</td>
<td>-8.1%</td>
</tr>
<tr>
<td>BC Totals</td>
<td>248,343</td>
<td>168,912</td>
<td>47.0%</td>
<td>188,347</td>
<td>1,062,372</td>
<td>874,228</td>
<td>21.5%</td>
<td>947,898</td>
<td>12.1%</td>
</tr>
<tr>
<td>US/BC Totals</td>
<td>2,646,027</td>
<td>1,766,995</td>
<td>49.7%</td>
<td>2,103,607</td>
<td>12,033,137</td>
<td>9,045,236</td>
<td>33.0%</td>
<td>9,994,067</td>
<td>20.4%</td>
</tr>
<tr>
<td>US Total</td>
<td>2,397,684</td>
<td>1,598,083</td>
<td>50.0%</td>
<td>1,915,260</td>
<td>10,970,765</td>
<td>8,171,008</td>
<td>34.3%</td>
<td>9,046,169</td>
<td>21.3%</td>
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<tr>
<td>USWC/BC Totals</td>
<td>1,454,065</td>
<td>947,377</td>
<td>53.5%</td>
<td>1,104,404</td>
<td>6,444,417</td>
<td>4,648,416</td>
<td>38.6%</td>
<td>5,256,980</td>
<td>122.6%</td>
</tr>
</tbody>
</table>

Source Individual Ports
## Exhibit 2

### May 2021 - Outbound Loaded TEUs at Selected Ports

<table>
<thead>
<tr>
<th>Port</th>
<th>May 2021</th>
<th>May 2020</th>
<th>% Change</th>
<th>May 2019</th>
<th>% Change</th>
<th>May 2021 YTD</th>
<th>May 2020 YTD</th>
<th>% Change</th>
<th>May 2019 YTD</th>
<th>% Change</th>
</tr>
</thead>
<tbody>
<tr>
<td>Los Angeles</td>
<td>109,886</td>
<td>104,382</td>
<td>5.3%</td>
<td>167,357</td>
<td>-34.3%</td>
<td>567,768</td>
<td>638,524</td>
<td>-10.1%</td>
<td>769,362</td>
<td>-13.0%</td>
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<tr>
<td>Long Beach</td>
<td>135,345</td>
<td>134,556</td>
<td>0.6%</td>
<td>120,577</td>
<td>12.2%</td>
<td>634,794</td>
<td>616,682</td>
<td>2.9%</td>
<td>598,392</td>
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<td>San Pedro Bay</td>
<td>245,231</td>
<td>238,938</td>
<td>2.6%</td>
<td>287,934</td>
<td>-14.8%</td>
<td>1,202,562</td>
<td>1,255,206</td>
<td>-4.2%</td>
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<td>-12.1%</td>
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<td>Oakland</td>
<td>74,726</td>
<td>69,720</td>
<td>7.2%</td>
<td>78,070</td>
<td>-4.3%</td>
<td>387,858</td>
<td>391,878</td>
<td>-1.0%</td>
<td>388,751</td>
<td>-0.2%</td>
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<td>NWSA</td>
<td>62,527</td>
<td>59,595</td>
<td>4.9%</td>
<td>70,541</td>
<td>-11.4%</td>
<td>308,348</td>
<td>340,908</td>
<td>-9.6%</td>
<td>377,171</td>
<td>-19.2%</td>
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<td>USWC Totals</td>
<td>382,484</td>
<td>368,253</td>
<td>3.9%</td>
<td>436,545</td>
<td>-12.4%</td>
<td>1,898,768</td>
<td>1,987,992</td>
<td>-4.5%</td>
<td>2,133,676</td>
<td>-11.0%</td>
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<td>Boston</td>
<td>5,994</td>
<td>4,086</td>
<td>46.7%</td>
<td>6,853</td>
<td>-12.5%</td>
<td>31,984</td>
<td>28,685</td>
<td>11.5%</td>
<td>32,833</td>
<td>-2.6%</td>
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<td>134,458</td>
<td>95,462</td>
<td>40.8%</td>
<td>132,315</td>
<td>1.6%</td>
<td>586,264</td>
<td>561,843</td>
<td>4.3%</td>
<td>618,855</td>
<td>-5.3%</td>
</tr>
<tr>
<td>Maryland</td>
<td>24,651</td>
<td>12,955</td>
<td>90.3%</td>
<td>19,134</td>
<td>28.8%</td>
<td>107,370</td>
<td>90,338</td>
<td>18.9%</td>
<td>95,166</td>
<td>12.8%</td>
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<td>Virginia</td>
<td>99,717</td>
<td>72,160</td>
<td>38.2%</td>
<td>88,065</td>
<td>13.2%</td>
<td>462,335</td>
<td>394,241</td>
<td>17.3%</td>
<td>417,315</td>
<td>10.8%</td>
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<td>South Carolina</td>
<td>73,281</td>
<td>58,972</td>
<td>24.3%</td>
<td>71,399</td>
<td>2.6%</td>
<td>361,039</td>
<td>331,400</td>
<td>9%</td>
<td>348,234</td>
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<td>Georgia</td>
<td>137,812</td>
<td>122,271</td>
<td>12.7%</td>
<td>126,895</td>
<td>8.6%</td>
<td>625,711</td>
<td>627,810</td>
<td>-0.3%</td>
<td>641,337</td>
<td>-2.4%</td>
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<td>Jaxport</td>
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<td>38,528</td>
<td>30.6%</td>
<td>42,180</td>
<td>19.3%</td>
<td>240,896</td>
<td>190,611</td>
<td>26.4%</td>
<td>209,855</td>
<td>15.8%</td>
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<td>Port Everglades</td>
<td>33,655</td>
<td>20,643</td>
<td>63.0%</td>
<td>35,805</td>
<td>-6.0%</td>
<td>159,901</td>
<td>142,075</td>
<td>12.5%</td>
<td>175,566</td>
<td>-8.9%</td>
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<td>Miami</td>
<td>30,790</td>
<td>26,545</td>
<td>16.0%</td>
<td>35,357</td>
<td>-12.9%</td>
<td>146,962</td>
<td>152,579</td>
<td>-3.7%</td>
<td>174,502</td>
<td>-15.8%</td>
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<td>USEC Totals</td>
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<td>451,622</td>
<td>30.8%</td>
<td>554,619</td>
<td>6.5%</td>
<td>2,722,462</td>
<td>2,519,582</td>
<td>8.1%</td>
<td>2,448,862</td>
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<tr>
<td>New Orleans</td>
<td>26,279</td>
<td>24,176</td>
<td>8.7%</td>
<td>27,757</td>
<td>-5.3%</td>
<td>116,552</td>
<td>122,826</td>
<td>-5.1%</td>
<td>123,259</td>
<td>-5.4%</td>
</tr>
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<td>Houston</td>
<td>95,439</td>
<td>100,538</td>
<td>-5.1%</td>
<td>116,693</td>
<td>-18.2%</td>
<td>473,484</td>
<td>536,954</td>
<td>-11.8%</td>
<td>516,063</td>
<td>-8.3%</td>
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<td>USGC Totals</td>
<td>121,718</td>
<td>124,714</td>
<td>-2.4%</td>
<td>141,238</td>
<td>-13.8%</td>
<td>590,036</td>
<td>659,780</td>
<td>-10.6%</td>
<td>611,565</td>
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<td>Vancouver</td>
<td>94,002</td>
<td>96,902</td>
<td>-3.0%</td>
<td>95,220</td>
<td>-1.3%</td>
<td>425,675</td>
<td>444,686</td>
<td>-4.3%</td>
<td>480,353</td>
<td>-11.4%</td>
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<tr>
<td>Prince Rupert</td>
<td>16,313</td>
<td>16,282</td>
<td>0.2%</td>
<td>19,458</td>
<td>-8.0%</td>
<td>72,710</td>
<td>83,443</td>
<td>-19.9%</td>
<td>86,393</td>
<td>-15.8%</td>
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<td>BC Totals</td>
<td>110,315</td>
<td>113,184</td>
<td>-2.5%</td>
<td>114,678</td>
<td>-3.8%</td>
<td>498,385</td>
<td>528,129</td>
<td>-5.6%</td>
<td>566,746</td>
<td>-12.1%</td>
</tr>
<tr>
<td>US/Canada Total</td>
<td>1,205,186</td>
<td>1,057,773</td>
<td>13.7%</td>
<td>1,247,080</td>
<td>-3.4%</td>
<td>5,709,651</td>
<td>5,695,483</td>
<td>0.2%</td>
<td>5,760,849</td>
<td>-0.9%</td>
</tr>
<tr>
<td>US Total</td>
<td>1,094,871</td>
<td>944,589</td>
<td>15.7%</td>
<td>1,132,402</td>
<td>-3.3%</td>
<td>5,211,266</td>
<td>5,167,354</td>
<td>0.8%</td>
<td>5,194,103</td>
<td>0.3%</td>
</tr>
<tr>
<td>USWC/BC</td>
<td>492,799</td>
<td>481,437</td>
<td>2.4%</td>
<td>551,223</td>
<td>-10.6%</td>
<td>2,397,153</td>
<td>2,516,121</td>
<td>-4.7%</td>
<td>2,700,422</td>
<td>-11.2%</td>
</tr>
</tbody>
</table>

*Source Individual Ports*
Documenting the May 2021 TEU Numbers

Exhibit 3 provides the May year-to-date total container traffic figures for the U.S., Canadian, and Mexican ports we monitor. Several major ports were less busy through the first five months of this year than they were during the same months in pre-pandemic 2019. These included Vancouver, Manzanillo, Virginia, Charleston, and Maryland.

Weights and Values
Yes, we realize that the maritime industry likes its statistics served up, so to speak, in TEUs. But here, though, we provide two alternative measures – the declared weight and value of the goods housed in those TEUs. The percentages in the following exhibits are derived from data compiled by the U.S. Commerce Department that are normally published with a five-week time-lag.

Exhibit 4: USWC Ports and the Worldwide Container Trade.
Exhibit 4 shows how the three major USWC gateways have been faring with respect to their respective shares of containerized imports discharged at mainland U.S. seaports in May. However, we again wish to remind readers that the major USWC port complexes do not entirely monopolize the movement of containers through ports in the states of California, Oregon, and Washington. San Diego and Port Hueneme are both important conduits for refrigerated containers laden with fresh fruit imports from Central and South America. And Portland (the one in Oregon) is re-establishing itself as a container port, with the number of total TEUs handled in May (4,259 TEUs) up from zero just two years ago.

Together, the sundry ports along the U.S. West Coast handled 37.7% of all containerized tonnage that moved
through U.S. mainland ports in May. That share was smaller than in May of last year (38.1%) and in May of 2019 (38.6%). By themselves, the Big Five USWC gateways handled 36.2% of all containerized import tonnage through U.S. mainland ports in May, down from a 36.6% share a year earlier and from 37.2% in May 2019.

Meanwhile, all USWC ports handled 29.0% of all containerized exports from mainland ports in May, down from 29.6% last May and from 34.6% in May 2019. The smaller USWC ports handled 2.5% of the value of containerized exports through all USWC ports in May, up from 1.3% a year earlier, and from 1.6% in May 2019.

Export tonnage, all USWC ports handled 33.7% in May, up from 34.7% in April, and 37.3% in May 2019. Smaller USWC ports share of export tonnage through USWC ports was 3.7% in May, up from 0.5% in May 2019.

Altogether, USWC ports – big and small – handled 37.7% of all containerized import tonnage through American mainland ports in May. That was up down from 38.1% a year earlier, which was down from 38.6% in May 2019.

As much as we dwell on containerized trade, it is perhaps worth noting that the USWC tonnage share of all merchandise (excluding Mineral Fuel) imported through U.S. mainland ports in May was 30.7%, up from just 27.2% in June 2019. Similarly, the USWC share of the value of those non-Mineral Fuel imports in May was 42.4%, down a half-notch from 42.9% two years earlier in more normal times.
Exhibit 5: USWC Ports and the East Asia Trade.

Exhibit 5 displays the shares of U.S. container trade involving the Far East handled by the major USWC ports. Collectively, these five ports handled 59.4% of all containerized import tonnage that entered U.S. mainland ports in May. That was up sharply from last May, when the same five ports received 55.0% of all containerized import tonnage and from the 57.4% share in the pre-pandemic month of May 2019. Adding in the containerized import tonnage handled by the smaller ports of California, Oregon, and Washington, the USWC share amounted to 60.2%. While the Big Five clearly dominate USWC containerized trade with the Far East, their shares are slipping ever so slightly. May 2021 data show the Big Five handing 98.6% of all import tonnage from the Far East that entered USWC ports and 97.6% of all export tonnage involving the Far East from USWC ports. Those shares were down, though, from the 98.8% of import tonnage and 99.0% of exports they had handled in the last relatively normal May in 2019.

On the export side of the ledger, all USWC ports great and small handled 53.7% of all containerized export tonnage bound for the Far East from America’s mainland ports. That was down from 55.0% a year earlier and from a 58.1% share in May of 2019.

Who's #1?
The Port of Los Angeles was the nation’s busiest container port in May 2021, having handled 1,012,048 total TEUs (loads and empties) that month. The neighboring Port of Long Beach ran a competitive second with 907,216 total TEUs, its highest monthly total ever. Together, the San Pedro Bay complex managed to move 1,919,264 TEUs, a staggering 58.6% leap over last May’s just plain pandemic-suppressed 1,209,870 TEUs but also up 36.9% from the 1,402,285 total TEUs they had handled in May 2019. In third came the Port of New York/New Jersey (PNYNJ) with 796,693 TEUs. Fourth place went to Savannah with 478,621 total TEUs. The Northwest Seaport Alliance Ports of Tacoma and Seattle ranked fifth among the U.S. ports we track with a total of 333,026 TEUs in May. (For our friends elsewhere in North America, Vancouver handled 385,292 TEUs in May, while 264,871 TEUs crossed the docks at Manzanillo.)

Not surprisingly, the Port of Los Angeles was also the nation’s busiest port year-to-date, with 4,551,445 total TEUs through May. Second was Long Beach with 4,029,532 TEUs, while PNYNJ placed third with 3,645,672 TEUs. Savannah handled 2,293,732 total TEUs through May of this year, while the NWSA ports processed 1,515,894 TEUs.

For sticklers who don’t believe empty boxes should count, Los Angeles remained in the lead with 645,600 loaded TEUs in the month of May. In second place with 580,081 loads was the Port of Long Beach, easily ahead of PNYNJ’s 530,875 loaded TEUs. Savannah and Houston were well behind with 373,499 and 228,292 laden TEUs, respectively. (NWSA presents a statistical puzzle, being that it’s the only major maritime gateway that distinguishes its international trade from its domestic services. NWSA reports handling 195,241 laden import and export TEUs in May but also 65,720 TEUs in traffic with Hawaii and Alaska. The problem is that NWSA doesn’t tell us how many of those boxes were full.)

In the category of inbound loads discharged in May, Los Angeles (535,714 TEUs) exceeded Long Beach (444,736 TEUs) and PNYNJ (396,417 TEUs). Inbound loads at Savannah meanwhile totaled 235,687 TEUs. Houston, with 132,853 inbound loads in May, nosed out the NWSA ports (132,714 laden import TEUs).

Export loads are a different story, one in which the first will, if not be the least, will certainly plunge in the standings. The most provocative news is not that Savannah (137,812 TEUs) again bested East Coast rival PNYNJ (134,458 TEUs), but that the Georgia port also swamped the Port of Los Angeles (109,886 TEUs), while also edging past Long Beach (135,345 TEUs). That leaves LA, otherwise the nation’s busiest container port, as its 4th largest container export gateway. Virginia, with 99,717 laden outbound TEUs in May, came fifth.

For the year’s first five months, Long Beach shipped the most outbound loads (634,794 TEUs). Savannah was the runner-up with 625,711 TEUs, ahead of third place PNYNJ (586,264 TEUs). Los Angeles (567,768 TEUs) again ran fourth ahead of fifth place Houston (473,484 TEUs). Honorable mention goes to the Port of Virginia, which shipped 462,335 laden TEUs through May.
The Scrap Paper Trade
Officials concerned about America’s merchandise trade deficit might start worrying about our declining surplus in the trade in scrap paper (formally Waste & Scrap Paper or Harmonized System Code 4707). Sure, we are such a prodigious producer of scrap paper that we hardly need anyone else’s. Through the first five months of this year, the U.S. imported 419 metric tons of scrap paper, while exporting 5.67 million metric tons. But, while our trade surplus in scrap paper has been truly stupendous since even before the first ticker-tape parades, the surplus has been steadily diminishing in recent years. Not hugely, mind you, but by enough perhaps to cause those suffering from TMTOTH (too much time on their hands) to start reaching for the Pepto-Bismol.

Why is this worth mentioning? One reason is that the geography of the trade has been shifting ever since China decided to be much more perspicacious about the quality of scrap it was taking off our hands.

There had been a time when China imported nearly three-quarters of the scrap paper the United States exported. That was in 2016, when Beijing’s share of the trade stood at 74.1%. Even that, though, was not the peak year in tonnage terms. In 2017, Chinese imports of U.S. scrap paper totaled 10,242,829 metric tons. Then China’s purchases began to tail off precipitously. By pre-pandemic 2019, U.S. exports of scrap paper to China had dropped by half before sliding further as the pandemic spread. Through the first five months of this year, shipments to China were just 4.8% of what they were in the same months in 2017, the peak year of our scrap paper trade with China.

Not surprisingly, scrap paper shipments through USWC ports declined sharply. Comparing the first five months of this year with the same period in 2017, scrap paper export tonnage through the San Pedro Bay Ports of Los Angeles and Long Beach was off by 23.5% while exports through the Northwest Seaport Alliance Ports of Tacoma and Seattle dropped by 52.1%. Only Oakland eluded the deep fall-off with a decline of just 0.3%. Meanwhile, the Port of New York/New Jersey saw its scrap paper exports rise by 16.4%, due largely to India’s emergence as the foremost importer of America’s scrap paper.

One other interesting point to note. As Exhibit 7 shows, containerization has only lately come to monopolize the seaborne export trade in waste and scrap paper. As recently as 2015, the majority of scrap paper tonnage shipped overseas traveled in bulk. Last year, containers moved 99.3% of the trade.

The Cost of Energy
One of us here is old enough to remember a gas war on LA’s Olympic Boulevard in the summer of 1971 when a gallon of gas could be had for 19.9 cents. Imagine that: filling the tank in a VW bug, handing over two busks,
and getting a dime back in change. That was then. Even adjusting for inflation, today's gallon costs a lot more than $1.33, especially if you're driving a vehicle in California, where a gallon this June cost $1.26 above the national average.

According to GasBuddy, California drivers paid an average of $4.26. That's the most expensive gasoline in the country. Effective July 1, 2021, the state motor fuel tax increased $0.006 per gallon, keeping California's fuel taxes the highest among the states. In addition, sales and use tax is applied against the full per gallon cost—the cost of fuel plus the cost of the taxes—cleverly charging a tax on a tax on top of other taxes and fees. Within the state, gasoline prices ranged from a low of $4.12 a gallon in Bakersfield to a high of $4.47 in San Francisco.

Diesel's average price in California was $4.21 a gallon, almost precisely a third higher than the national average. Only in Hawaii does diesel cost more than in California. As with gasoline, the Golden State's state diesel fuel tax increased by $0.004 per gallon on July 1.

And then there is the cost of electricity to power a home (or EV recharging station) or a business. According to the U.S. Energy Information Administration, California's average Industrial Price for the 12 months through April 2021 was 14.78 cents/kWh, 128.4% higher than the U.S. average of 6.47 cents/kWh for all states other than California. California's industrial prices were the fourth highest in the nation. Among the contiguous states, only Rhode Island was higher.

During the same period, California's higher electricity prices translated into Commercial & Industrial ratepayers paying $12.2 billion more than ratepayers elsewhere in the U.S. using the same amount of energy. Compared to the lowest rate states, Commercial & Industrial ratepayers paid $15.6 billion more.

California's Drought is Now Official
How do we know? Has Governor Newsom declared a water emergency? No, it's official because the New York Times and The Wall Street Journal have both featured articles on how the drought is challenging agriculture in the Golden State. In a June 28 article, the Times told readers the story of how farmers in the Central Valley were selling their water rights instead of using their water allocations to, you know, actually grow crops. “In America’s fruit and nut basket, water is now the most precious crop of all.” On July 6, the WSJ reported on how almond growers were ripping out thousands of trees to conserve irrigation water. The attention of New York-based journalists with climate conditions and forest fires in the West now vies for column space with their customary summertime obsession with allegedly timely travel articles about Maine.

On a related front, intense heat plus a wildfire in Oregon that threatened a key transmission line prompted
California Governor Newsom to issue another emergency proclamation in mid-July. In what no doubt has set teeth to grinding in its executive suites, the state Air Resources Board was ordered to stand down in its vigilant enforcement of sundry clean-air regulations, specifically those regarding the “use of stationary and portable generators or auxiliary ship engines to reduce the strain on the energy infrastructure and increase energy capacity during the Extreme Heat Event.”

Considering the lack of alacrity with which California has been girding its electric power grid to meet the ever-increasing demand for the juice needed to run everything from household gadgets to shore power installations at seaports, one does have to wonder how some government agencies expect businesses like the aforementioned seaports and their goods movement partners to abide by clean-air regulations that oblige a transition to electrically powered equipment.

At a time when a prolonged drought threatens the state’s hydroelectric generation capacity and as nuclear continues to be phased out, the chances are only increasing that Governor Newson (or his successor) will be issuing more of these emergency declarations.

Paging George Westinghouse. Paging Nicolai Tesla. Paging anyone who appreciates that you can’t keep adding demand to the grid without also bolstering the supply of kilowatts, especially when they are most needed.

One more note before we finish. Each month we receive an email from an eminent box-counter who serves up timely numbers on TEU volumes at the country’s principal seaports. Generally, his figures jibe with what the ports themselves report. Except, that is, for the Port of New York/ New Jersey (PNYNJ). As everyone knows, PNYNJ seldom posts its monthly tallies in a New York Minute. So, we’ve noticed some significant variances between the number of TEUs our correspondent expects that PNYNJ will handle and the number that PNYNJ ultimately fesses up to. In May, for example, inbound loads as finally reported by PNYNJ turned out to be 13,497 TEUs more than our correspondent’s estimate, while outbound loads were underestimated by 24,868 TEUs. Patience, as we are occasionally reminded, is sometimes more than its own reward.
Rumors seem to go a long way down at the general store. “My cousin Wilbur says that he heard a guy up in Oakdale got so fed up with congestion at Oakland he sent a couple of containers of almonds out through Houston last week,” reported Farmer Edgar.

“Why, I heard that someone down Visalia way just did the same thing,” chimed in Rancher Dolores.

“Yup, word is it’s gotten so bad at Oakland that everyone’s shipping almonds through Houston nowadays,” confidently added Grower Merle.

Not surprisingly, chit-chat like that might easily and quickly get around. Even reporters might catch wind of it, especially if they work at a publication that covers agriculture. So it was my phone buzzed the other day: “I hear Houston’s the place to send your almonds these days?”

Nuts, I replied in my best imitation of General McAuliffe. (If you’ve never heard of Anthony McAuliffe’s one-word reply to a German offer of surrender at Bastogne during the Battle of the Bulge in December 1944, you probably know as much about the United States Army as Tucker Carlson.)

So, what’s the story (or non-story) here?

Once upon a time, a fair amount of America’s almond crop (almost all of which is grown in California’s Central Valley) was shipped to markets in Europe and the Middle East via the Port of Houston. Exhibit A shows the history of that trade since 2005.

What happened to minimize Houston’s share of the almond export trade was not so much that almond growers stopped shipping their product to Houston – although they did. What really induced the shift away from the Texas port was that almond exporters started shipping more of their nuts in containers. As Exhibit B testifies, between 2005 and last year, the portion of almond exports transported in containers doubled, to 89.2% from 44.1%.

As Exhibit C reveals, the principal beneficiaries of the shift from bulk to boxes were California’s big container terminals but most of all the Port of Oakland, the maritime gateway closest to the center of the state’s (and therefore the nation’s) almond production. With the transition to boxes, the Bay Area port’s share of the almond export trade jumped to 82.0% in 2020 from 52.9% fifteen years earlier.

Well, so much for history. The issue of port congestion is a here-and-now concern. Are we indeed seeing an uptick in exports through Houston in the past few months? Is a jammed-up Oakland being abandoned by almond shippers?
The short answer is not so’s you’d much notice. To be sure, there has been a small bump in almond shipments through Houston. May, for example, did see 1,044 metric tons of almonds depart from the Texas port, which boosted the Gulf Coast port’s share of the almond export trade to 1.1% from 0.4% a year earlier and from 0.2% the May before then.

But, as Exhibit D illustrates, Houston’s share of the seaborne almond export trade still registers as a barely blip. By comparison, Oakland’s share this May was 87.9%, up from 84.3% last May and from 85.2% in May 2019. If Houston gained at anyone’s expense from West Coast port congestion, the victims would be the Southern California Ports of Long Beach and Los Angeles. Their combined 10.3% share of seaborne almond exports in May declined to 14.3% and 11.0% the previous two Mays.

At the end of the day, when the sheep come home, the data show there has lately been a meager boost in the already meager volume of almond exports through the Port of Houston. Idle hearsay about the imminent demise of the Port of Oakland as a major conduit for almond exports is nonsense. Interestingly, the last time there was an appreciable surge in almond exports through Houston came during the latter stages of the labor-management
dispute that slowed the pace of container movements through West Coast ports in the fall and winter of 2014-2015. After averaging a 1.9% share of almond exports in the year leading up to the slowdown, Houston’s share jumped to 6.3% in February and then to 12.4% in March and 9.0% in April, before falling back to levels that seldom journey above two percent and ultimately dwelled below one percent until this spring.

There’s no compelling reason to think that the Port of Oakland will not eventually regain those lost slivers of the almond export trade, as it had in the past.

**A Foreboding on Forecasting**

I’ve been watching various cargo forecasters implying that the end of the surge in containerized imports might be in sight only to those whose models come equipped with binoculars. I have no reason to doubt these outlooks. But I do have a problem with their methodologies, which are typically weighted to emphasize (often exclusively) economic factors such as employment growth, GDP increases, the value of the dollar, household consumption, etc. Of course, the modelers will normally allude to non-economic considerations such as changes in trade policy. But those are hard to quantify and so are generally left out of the forecasting methodology.

The economists who produce forecasts generally have only their reputations at stake. Modern attention spans being what they are, the risk to one’s good name is hardly a deterrent to an off-the-mark forecast. A useful, if very seldom used synonym for the business of forecasting is haruspication, which perhaps fittingly sounds a lot like what old-time baseball players used to do with their chewing tobacco between pitches, or even onto their pitches. Of course, no one doctors the ball today, we are assured.

Anyway, those who do have an appreciable financial stake in gauging trade flows over the next several months are apt to be a good deal hedgier than professional clairvoyants. Anyone reading the press should be aware of the testy state of relations between Washington and Beijing. So, if I’m an importer who sources a lot of my merchandise from China, I’m probably guessing it might be best to fill my warehouses with merchandise well beyond the level my market research staff are telling me consumers will want to buy this coming fall and winter. I might even be willing to pay a premium price for getting those goods into my stateside inventory just in case the balloon goes up.

If there are more than a few importers thinking the same grim thoughts, certainly the import surge won’t have much reason for ending anytime soon.

**Disclaimer:** The views expressed in Jock’s commentaries are his own and may not reflect the positions of the Pacific Merchant Shipping Association.
Evolving Public Policies Aimed at Maritime Require an Effective, Positive Response

By Captain Mike Moore, Vice President PMSA

As Bob Dylan said, “You don’t need a weatherman to know which way the wind blows.”

We in the maritime industry know the wind is blowing – and blowing hard. There is pressure to make the supply chain stronger and more resilient, to make vessels more efficient, clean, and quiet, and provide affordable access to Asian markets for growers and manufacturers at a low cost. All the while, any effort to build a new terminal or expand an old one is met with months and years of study, legal wrangling, and endless accusations that we are despoiling the environment. Simply waiting for these pressures to ease is not viable and inadequate to the times. We as an industry must continue to respond positively, proactively, forcefully, and yes, collaboratively.

The good news is: we are. The bad news is: it’s not enough.

Fortunately, the shipping industry and the ports have stepped up to engage these challenges in a proactive fashion. Perhaps the best example of positive, proactive leadership by industry was the coordinated push to implement a North American Emissions Control Area (ECA) and a worldwide use of cleaner fuels, both of which continue to significantly reduce emissions – by over 90% for some emissions.

Container liner services continue to increase vessel size to leverage more efficient economies of scale operations, add vessels to weekly service strings to allow for slower steaming, reduce fuel consumption and emissions, cut the number of port calls, participate in incentive programs offered by ports –all while investing in new ships and technologies. In addition, dual fuel vessels are being introduced to allow use of lower emission LNG all while other propulsion power options like hydrogen or ammonia are being fully evaluated.

The Pacific Merchant Shipping Association was one of the original partners in the Puget Sound Clean Air Forum, which resulted in air emission inventories and targeted strategies that significantly reduced emissions from all maritime sectors. Currently, PMSA is working with governments, tribes, and others to voluntarily reduce ship noise when Southern Resident Killer Whales are foraging nearby. The Quiet Sound program also recently secured state funding from the Washington state legislature. This program is being modeled after a program already in place in Canada. And because we have shared waterways, we are collaborating with those efforts as well.

In addition to new and evolving strategies, the maritime industry in Puget Sound has a lot to be proud of. Puget Sound has the enviable record of zero oil spill incidents from a cargo or passenger vessel while transiting to or from a Puget Sound port due to a collision, grounding, explosion or fire.

Continuous improvement is alive and well with adjustments to traffic lanes, moving the entrance buoy to the Strait of Juan de Fuca further out to push vessel transits further off the coast, implementing safe routing through the Aleutian Islands on the way to or from our ports with plans to expand this into a voluntary Pacific Safety Initiative for the entire West Coast. In addition, vessel designs have moved fuel tanks from the bottom and side of vessels to protected locations within the vessel, installed ballast water treatment systems, implemented better navigation systems and operators continue to implement voluntary Standards of Care embedded in Harbor Safety Plans – the list goes on.

These successes don’t mean that we should get complacent. It does mean we should continue to educate policymakers that they should be thoughtful when proposing changes to a comprehensive system that is working. PMSA staff work with legislators, port commissioners, mayors, and city and county councilmembers to make sure that changes being proposed do not compromise safety or the environmental gains we have achieved or undermine the international, bilateral or federal regimes. And with all of this, we need to keep front and center the men and women who depend upon the family wage jobs our industry provides.

But attention in the past couple of decades has focused not only on safety but on reducing the overall
environmental footprint. Instead of just preventing oil spills, think of ballast water management, air emissions reductions, and now underwater noise reductions for Southern Resident Killer Whale recovery.

Transboundary issues have also moved beyond navigation in our joint waterways. While we have longstanding treaties with Canada on free navigation and implementation of a highly effective cooperative vessel traffic system, discussions now include overall impacts of vessel and terminal operations.

Engagement by tribes, environmental groups, First Nations in Canada, elected officials and citizens on both sides of the border has resulted in the rejection of a number of proposed maritime projects in part based on concerns over increased vessel traffic. Ironically, Puget Sound port calls have decreased by 30% since the peak in the early 90’s. Introduction of larger ships to provide economies of scale and shifts in port call rotation and selection has impacted those numbers.

But the toughest challenge we face is reducing our carbon footprint. This discussion started many years ago and is now front and center for industry. Some vessel owners have decided to switch to Liquefied Natural Gas (LNG) – Puget Sound has a facility coming on-line to do just that with a weekly service operator already lined up for the switch. LNG provides across the board emissions reduction benefits including carbon reduction. Others will follow.

But of course, the recent focus is on zero carbon emissions, and some will not accept anything less even if not currently feasible. It will happen but not by precluding smart, achievable near-term steps. Doing so would preclude continuous meaningful improvements like LNG use or the use of hybrid technologies.

Most industry watchers and regulators have read about the testing of alternative fuels like hydrogen and ammonia and clearly vessel design and fueling infrastructure decisions are on the horizon but there has to be a realistic acknowledgment that this transition will take time. We don’t know yet which technologies will offer the most benefit while not compromising safe operations. And to move forward, we can’t let the perfect be the enemy of the good.

It is clear to all of us which way the wind is blowing. We cannot escape the challenges before us. But through ongoing engagement, education, and proactive leadership, our industry will continue to grow and provide the services and jobs that have been the core of our communities for over 100 years.
Import Dwell Time Is Up For June; Rail Dwell Time Is Up

San Pedro Bay Weighted Average Inbound Laden Container Dwell Time in Days

Dwell Time in Days  % > 5 Days

Rail Dwell Time in Days
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: 704
- Cancellations: 21
- Total ship moves: 683
- Cont'r: 249
- Tanker: 198
- Genl/Bulk: 102
- Other: 134
- Assignments delayed due to unavailable rested pilot: 26
- Delays by customers: 55
- Total delay time: 95.75
- 2 pilot jobs: 36
- Reason: PSP GUIDELINES FOR RESTRICTED WATERWAYS
- Day of week & date of highest number of assignments: Thu 8-Jul 37
- Day of week & date of lowest number of assignments: Sun 4-Jul 11
- Total number of pilot repositions: 116
- Upgrade trips: 19
- YTD: 96
- 3 consecutive night assignments: 57
- YTD: 223

**Callback Days/Comp Days**

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<tr>
<th>Starting Total</th>
<th>Call Backs (+)</th>
<th>Used (-)</th>
<th>Burned (-)</th>
<th>Ending Total</th>
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<tr>
<td>Unlicensed</td>
<td>498</td>
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<td>447</td>
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<td>Total</td>
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**Pilots Out of Regular Dispatch Rotation**

A. Training & Continuing Education Programs

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<tr>
<th>Start Dt</th>
<th>End Dt</th>
<th>City</th>
<th>Facility</th>
<th>Program Description</th>
<th>Pilot Attendees</th>
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<td>21-Jul</td>
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<td>PMI</td>
<td>Azipod Training</td>
<td>CAJ, HED, KEN, LOB, ROU</td>
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</table>

B. Board, Committee & Key Government Meetings

BPC, PSP, USCG, USACE, Port & similar

<table>
<thead>
<tr>
<th>Start Dt</th>
<th>End Dt</th>
<th>City</th>
<th>Group</th>
<th>Meeting Description</th>
<th>Pilot Attendees</th>
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</thead>
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<td>PSP</td>
<td>Operating Rules</td>
<td>COL</td>
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<td>BOD</td>
<td>ANA, COL, GRD, GRK, KLA, NEW</td>
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<tr>
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<td>PSP</td>
<td>Gen'l Membership</td>
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<tr>
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<td>Seattle</td>
<td>PSP</td>
<td>President</td>
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<td>End Dt</td>
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<td>Agency</td>
<td>Topic</td>
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<td>Legislative tours</td>
<td>VON</td>
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<td>30-Jul</td>
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<td>Port Angeles</td>
<td>PSP</td>
<td>Legislative tours</td>
<td>VON</td>
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</tbody>
</table>

### C. Other (i.e. injury, not-fit-for-duty status, earned time off, COVID risk)

<table>
<thead>
<tr>
<th>Start Dt</th>
<th>End Dt</th>
<th>REASON</th>
<th>PILOT</th>
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<tr>
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<td>ETO</td>
<td>BRU, COR, HAJ, KEP, SCR</td>
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<tr>
<td>20-Jul</td>
<td>27-Jul</td>
<td>ETO</td>
<td>CAJ, HED, KRI</td>
</tr>
</tbody>
</table>

### Presentations

If requesting to make a presentation, provide a brief explanation of the subject, the requested amount of time for your presentation and any special equipment needed.

1. **Presentations may be deferred if prior arrangements have not been made.**
2. **The Board may also defer taking action on issues being presented with less than 1 week notice prior to a scheduled Board Meeting to allow adequate time for the Commissioners and the public to review and prepare for discussion.**

### Other Information (Any other information requested or intended to be provided to the BPC)

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State of Washington
Pilotage Commission
August 17, 2021

Grays Harbor District Report

In July we had 8 arrivals a total of 24 jobs. There were 5 dry bulk, 2 liquid bulk and 1 logger. Year to date through July we have had 46 arrivals for a total of 113 jobs.

The outlook for August arrivals is 5 vessels, all dry bulk and also one log barge.

Harbor Safety Committee (HSC) Subcommittee Meeting

Harbor Safety Subcommittee meeting was held last week via Zoom. The subcommittee is working to draft a fire plan to add to the Harbor Safety Plan and Vessel Traffic Risk Assessment conducted by Ecology. Members appointed to form the subcommittee are as follows:

- John Doucette (Chair) – REG
- Kevin Campbell- Brusco Tug and Barge
- Mike Johnson- Port of Grays Harbor
- Brian Kirk- Department of Ecology
- Jason Reichert- Department of Ecology
- Matt Miller- City of Hoquiam Fire Department
- Dave Golding- City of Aberdeen Fire Department

The Fire Plan will be developed and added to aid in emergency procedures required in the event of a ship fire at the docks or in the harbor.

T-4 Jet Array Pump Mount

Jet Array Pump Mount is ready for pump installation which will take place next Tuesday and Wednesday. After pumps are installed, the contractor will come back in and wrap the fiberglass decking around the base of the new pumps. Pictures below the base construction. The decking around the open spots where the new pumps will be installed is not fastened and will be removed prior to pump install.
Terminal Maintenance

Dredge operations are complete for this contract. Contractor started dredging on July 16 and completed their work on July 21.

Sediment removed-

Terminal 1- 7,482 CY  
Terminal 2- 13,937 CY  
Terminal 4- 20,012 CY  
Total 41,431 CY

Chehalis and Vega Pilot Boats

Drydocking is needed this summer for both boats. Staff received a proposal for repairs to the Vega. The proposal has been reviewed and approved and currently the Vega is down at WCT Marine in Astoria, OR. The boat is being hauled out this week with work to start next week and is expected to take 2 weeks to complete. The Chehalis is scheduled to go in to the Shipyard in Hoquiam the first week of September for annual maintenance. We are still waiting for a proposal for the Chehalis work.
VESSEL EXEMPTION COMMITTEE (VEC) CHARTER

I. Purpose
The purpose of the Board of Pilotage Commissioners’ (Board or BPC) Vessel Exemption Committee (Committee or VEC) is to: ensure that vessel exemption services in Washington State are conducted in an efficient and consistent manner following with the Board’s mission of safety. The Committee will look for trends in exemptions in other districts; assess standards, fees, and conditions to impose on exemptions granted and propose WAC language if needed; and gauge compliance or lack thereof and possible penalties when needed.

II. Membership
The VEC shall consist of:
- one (1) Chair;
- up to three (3) members of the Board of Pilotage Commissioners of which one pilot representative shall be included
- one (1) Yacht/ Recreational Boater representative
- one (1) Public representative (ideally from the Boating Community)

Committee members may identify one (1) specific alternate, representing the same or similar organization. If a committee member is unavailable to attend a scheduled meeting, the alternate shall attend in their place.

The VEC Chair, members and alternates shall be appointed by the Board for an initial term of one (1) year and will be appointed by the Board annually. The Committee may consult with additional subject matter experts as needed.

III. The Role of Chair
The Chair of the VEC will work with BPC staff to prepare committee materials and will preside at meetings. The Chair will provide monthly updates of VEC activities,
coordinate and communicate with committee members and outside interests, and deliver recommendations to the Board.

IV. **Authority**

The VEC is an advisory committee to the Board. It will not make policy decisions. Committee recommendations will be agreed upon by consensus.

V. **Guidelines & Responsibilities:**

Committee members will commit to the following:

- Meetings start and end on time
- Regular meeting attendance
- Notify an alternate if unable to attend a meeting
- Come prepared to meetings and bring factual materials to the attention of the Committee
- Be productive at each meeting
- One person talks at a time. Express your point of view and then let others speak (i.e. don’t talk over other people and no side discussions at the table)
- Disagreements are understandable, but should be solution focused
- Be open to new ideas and ways of doing things
- Everyone’s contributions are valued, be respectful and support each other’s role
- Provide, via consensus, recommendations to the Board

VI. **Activities & Duties**

The VEC will engage in the following activities:

1. Analyze possible legislative changes to RCW 88.16.070 *Mandatory Pilotage* and makes recommendations to the Board for WAC revisions in accordance with the RCW;
2. Review and consider current application for exemption, exemption fees, and both conditions of exemptions and compliance for consistent application to all wishing to enter Washington waters.
3. Develop clear, consistent guidelines in terms of application and documents needed for a pilotage exemption as well as develop Frequently Asked Questions (FAQ’s) for ease and assistance.
4. Monitor both national and international pilotage rules and rates, and make recommendations to the Board when needed.

Timelines for all Committee work will be developed through the Committee.

VII. **Meetings/Time Commitment**

Meetings will occur monthly, bi-monthly, or quarterly, as needed, and will last up to two (2) hours. Locations may vary.
Meeting summaries will be reviewed and accepted by the Committee, and provided to the Board upon Committee consensus. The first meeting of the Committee will be scheduled for September or October 2021.

The VEC will review its charter at least annually and recommend any proposed changes to the Board for review.

This charter was adopted by the Board of Pilotage Commissioners on __________, 2021.

__________________________  Sheri J. Tonn, Chair
Sheri J. Tonn, Chair

__________________________  Commissioner Timothy J. Farrell
Eleanor Kirtley, Vice Chair

__________________________  Commissioner Mike Ross
Eleanor Kirtley, Vice Chair

__________________________  Commissioner Andrew Drennen
Commissioner Timothy J. Farrell

__________________________  Commissioner Michael Anthony
Commissioner Andrew Drennen

__________________________  Commissioner John Scragg
Commissioner Mike Ross

__________________________  Commissioner Michael Anthony
Commissioner John Scragg

__________________________  Commissioner Jason R. Hamilton
Commissioner Michael Anthony

__________________________  Commissioner Nhi Irwin
Commissioner Jason R. Hamilton
August BPC Update:
Vessel Trend Synopsis
Routes for vessels newly under escort requirement
Background Information

ESHB 1578

- ESHB 1578 Section 3 (1)(d)(ii): “By December 31, 2021, complete a synopsis of changing vessel traffic trends”

- Synopsis will compare a year of pre-bill implementation data to a year of post-bill implementation data
Background Information
SOW Deliverables

1. Route selection (Rosario and Haro) and number of vessel transits pre-and post-bill implementation for the following vessel types.
   a) vessels that newly fall under an escort requirement
   b) deep draft and tug traffic that have no additional escort requirement
   c) vessels that are providing bunkering or refueling services

2. Review of tugs engaged in escorting including number of transits, names of vessels, and operating companies.

3. Number of oil transfers per terminal and per anchorage pre- and post-bill implementation.

4. A review of the last 5 years of existing vessel transit data,
Background Information

SOW Timeline: 2021

• **November 4**: Ecology delivers initial draft synopsis to BPC

• **December 2**: Ecology delivers final draft to BPC

• **December 31**: BPC publishes the Synopsis and submits to the legislature
Routes for vessels newly under escort requirement
(Likely laden and unknown – excludes likely unladen and engaged in bunkering)

• > 5,000 ATB
  ▪ Rosario Year 1 and 2
  ▪ Haro Year 1 and 2

• >5,000 Barge
  ▪ Rosario Year 1 and 2
  ▪ Haro Year 1 and 2

• <40,000 Tanker
  ▪ Rosario Year 1 and 2
  ▪ Haro Year 1 and 2

* This update will display graphical observations on transits of vessels newly under escort requirement, but will not analyze why these transit route were selected.
DRAFT RESULTS: ATBs Year 1 and 2 - Rosario transits
(includes likely laden and unknown - excludes likely unladen & bunkering transits)

ATB Rosario Year 1
ATB Rosario Year 2
DRAFT RESULTS: ATBs Year 1 and 2 - Haro transits
(includes likely laden and unknown - excludes likely unladen & bunkering transits)
DRAFT RESULTS: Barges (> 5,000) Year 1 and 2 - Rosario transits
(includes likely laden and unknown - excludes likely unladen & bunkering transits)
DRAFT RESULTS: Barges (> 5,000) Year 1 and 2 - Haro transits
(includes likely laden and unknown - excludes likely unladen & bunkering transits)
DRAFT RESULTS: < 40,000 Tanker Year 1 and 2 - Rosario transits
(includes likely laden and unknown - excludes likely unladen & bunkering transits)
DRAFT RESULTS: < 40,000 Tanker Year 1 and 2 - Haro transits
(includes likely laden and unknown - excludes likely unladen & bunkering transits)

<40000 Tanker Haro Year 1
<40000 Tanker Haro Year 2
Routes for vessels engaged in bunkering

• >5,000 barges engaged in bunkering Rosario Year 1 and 2

• <5,000 barge engaged in bunkering Rosario Year 1 and 2
DRAFT RESULTS: Rosario Transits of Barges
(> 5,000) Engaged in Bunkering

>5000 Barges Year 1
>5000 Barges Year 2
DRAFT RESULTS: Rosario Transits of Barges
(< 5,000) Engaged in Bunkering

<5000 Barge Year 1
<5000 Barges Year 2
Next Steps

• Continue work on Vessel Trend Synopsis

• Provide updated versions of these graphics in the monthly Board packet
Meeting Minutes – Pilot Safety Committee (PSC)
June 9, 2021, 1 pm to 3 pm

Attendees
John Scragg (BPC/PSP), Sheri Tonn (BPC), Jaimie Bever (BPC), Eleanor Kirtley (BPC), Ivan Carlson (PSP), Scott Anacker (PSP), Mike Fulkers (PGH), Mike Moore (PMSA), Andrew Drennen (Conoco-Philips), Bettina Maki (BPC)

1. Review of Minutes of previous meeting on 03/25/2021
   The minutes were reviewed and approved by the committee with no corrections.

2. COVID 19 Safety Concerns
   Ivan Carlson gave an update. All but 2 pilots have been vaccinated. All but 3 pilot crew have been vaccinated.

   Discovery Health has been offering free vaccinations to inbound vessels proceeding to anchor and Arrow Launch has been providing free launch service to enable crews to receive vaccines. The pilots have been providing written information about vaccine availability to the vessel crews. NWSA has been promoting dockside vaccinations as well.

   There was a recent ship where 14 crew members tested positive. The ship was quarantined at anchor in Port Angeles. The quarantine was eventually lifted.

   Mike Moore raised the issue of the cruise ship season starting up. Ivan will be reminding the pilots to carry their vaccination card to ensure they are able to board cruise ships. The cruise ships will be arriving mid to late June to begin prep for sailings in late July.

3. Pilot Ladder Safety
   Scott Anacker reported on Sandy Bendixen’s efforts to develop a new reporting system for dangerous ladders. Sandy has developed a checklist for evaluating pilot ladders. The goal is to identify noncompliant pilot ladders and also to educate the pilots about ladder safety.
Several pilots requested references to back up some of the items on the checklist, and so Sandy has been annotating with references to IMO and SOLAS.

There is discussion about whether the form should be paper or electronic – there are pros and cons to each format, but there is concern that electronic format might be difficult to verify or document that the information is received by the vessel master about safety issues that need to be addressed.

Bettina asked how the conversations go when talking with the vessel masters about pilot ladder safety issues? Scott said it is helpful to have a photo and often is better to reach out to the Agent.

Andrew Drennen mentioned that the Columbia River Bar Pilots will refuse to board a vessel except to take it to berth or to anchor if the ladder is not safe. Scott said that PSP has not gone that far yet, but that part of the problem is that the pilots need more education about the safety standards to be able to make such determinations.

Mike Moore suggested that reminders about pilot ladder safety compliance might become a routine part of pre-arrival communications with Agents.

4. **Rest Rule exceptions**

   PSP Q1 report was reviewed. Grays Harbor Q1 was not yet processed but will be shared at the next meeting, along with Q2 data.

   Bettina will prepare the 12 months report of 2020 rest rule exceptions for the upcoming June Board meeting. This is something the committee plans to share annually with the Board.

5. **Maximum assignment duration**

   The committee reviewed data on two kinds of assignments that tend to go over 13 hours – tanker vessel assignments in the north sound, and loaded bulkers departing Tacoma. Looking at the tanker vessel assignments, it was observed that the actual bridge time was not usually excessive, and it was the travel time on each end that made the assignment time long. However, on the Tacoma bulk carriers the pilot has the conn until the very end of the long assignment. The committee decided to focus on the bulk carrier assignments.

   An obvious solution is to change pilots in Seattle, breaking these long assignments into two shorter chunks—approximately 9 hours Tacoma to Seattle and 10 hours Seattle to pilot station.

   Eleanor Kirtley asked how a trial might be done to observe for any unintended consequences of this change in dispatching. John Scragg suggested it might make sense to start with night assignments, since those carry greater risk from fatigue. Dr. Czeisler in fact recommended maximum assignment duration of 8 hours for night assignments.

   Andrew Drennen asked if this change might increase callbacks if PSP is not fully staffed? Ivan pointed out that the busy months for bulkers tend to not overlap too much with the busy cruise season months but that it would still have some impact on callbacks.

   Ivan also mentioned vessels would incur an additional cost of about $3100 for adding a second pilot. But if ships can alter their schedules to depart during daytime hours, then they can avoid the cost of a second pilot. Although they might incur other charges for staying at the terminal longer, if staying longer is even an option.
Mike Moore suggested talking with John Coyle at Bluewater (bulker agent) to get his insight and input on the problem and proposed solution. Maybe he knows of adjustments or solutions that could help. At the very least it will be helpful to reach out to stakeholders/customers for input before implementing a solution. Ivan agreed this was a good idea. Mike Moore will coordinate a meeting between himself, Ivan, and John Coyle.

6. **Review of Policy Recommendations made by Dr. Czeisler, to bring BPC and PSP rest rules into alignment with sleep science and NTSB recommendations**

Bettina updated the often-referenced list of 10 policy recommendations around fatigue management that have informed the work of the Fatigue Management Committee previously and now the Pilot Safety Committee. Changes made in recent years in response to these 10 policy recommendations include fatigue management training for new pilots with annual refresher for all pilots, and increasing mandatory rest period between assignments to 10 hrs. The list was updated to gather all the recommendations on one page along with information showing where progress has been made and where work remains to be done. For most recommendations incremental progress is being made even if the recommendations are not met 100%. Sheri Tonn reminded the committee that this work will benefit from data analysis to understand changes to date before further changes are considered. The policy recommendations can also inform the committee’s risk management work.

7. **Wrap-up/Next Steps/Next Meeting**

- Next meeting in approximately 6 weeks, before August board meeting, to prepare recommendations to the board regarding maximum assignment duration solution of changing pilots in Seattle on night assignments for loaded bulkers departing Tacoma for Pilot Station.
- Mike Moore and Ivan Carlson will reach out to John Coyle at Bluewater to ask his input.
- Keep ladder safety efforts a priority.
- Make every effort to include committee members who were not available for this meeting.

The meeting was adjourned at 2:30 pm.