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Gateway to Solutions

# Update on Port Community System (PCS) Expansion: Appointment Capacity Dashboard

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Operations Business Analyst

# Agenda

- Review of PCS Expansion: Appointment Capacity Dashboard

- Appointment Capacity Dashboard Prototype

- Stakeholder Feedback & Identified Risks

- Expected Benefits

- Next Steps & Proposed Schedule

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# Quick Review of PCS Expansion: Appointment Capacity Dashboard

*A successful path to a PCS expansion starts with a Proof of Concept. Following is the Pilot phase, wherein functionality transitions to the entire Gateway for public view. With continued success, new datasets and visibility will increase overtime.*
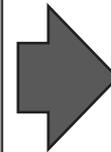
**COMPLETED**

**Proof of Concept (Phase I)**

- *Husky Terminal*
- *Test Website*
- *Appointment Capacity Data*

**Pilot (Phase II)**

- *Gateway View\**
- *Production Website*
- *Appointment Capacity Data*

**Data Set Expansion (Phase III)**

- *Gateway View*
- *Production Website*
- *TBD Dataset(s)*

*Evaluate benefits to NWSA stakeholders before, during and after the implementation of a new dataset and business intelligence tool. Determine which datasets provide true value, relative to program cost and maintenance.*

*\*All international container terminals: Husky, PCT, WUT, T5, T18, T30*

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# Trucker Appointment Capacity Dashboard

Use the interactive visual below to understand when and where there is availability at NWSA terminals for appointments within the next seven days. Expand the rows in the visual for a more detailed view. For a view of specific availability, use the filter drop-downs at the top of the visual.

To schedule an appointment, visit Advent eModal's website here:  https://www.emodal.com/

**Note:** Terminal appointment types, availability by yard area, and booking lead times may vary. Please refer to the terminal for this information.

| Terminal Filter | Move Type Filter | Date Filter |
|---|---|---|
| All ⌄ | All ⌄ | All ⌄ |

| Attributes | Wed 03/23 | Thu 03/24 | Fri 03/25 | Mon 03/28 | Tue 03/29 | Wed 03/30 |
|---|---|---|---|---|---|---|
| ⊟ **HUSKY** | | | | | | |
| ⊟ **Import Pick** | | | | | | |
| 08:00 - 10:00 | | 17% | 46% | 98% | 100% | 100% |
| 10:00 - 12:30 | | 69% | 90% | 99% | 99% | 97% |
| 13:00 - 14:30 | 11% | 55% | 74% | 95% | 95% | 97% |
| 14:30 - 16:00 | 30% | 70% | 92% | 100% | 100% | 100% |

*Last Refreshed: 03/23/22 10:07 (PST)*

Microsoft Power BI

# Prototype Functionality



The user can filter to remove terminals, move type, or dates that aren't relevant to them

In the future, this will include a list of all terminals that can be expanded or collapsed by the user

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# Stakeholder Feedback

- During the month of February, the NWSA and Advent eModal together met with each of the terminal operators (Husky, PCT, WUT, and T18 on behalf of SSA) and the Washington Trucking Associations to review the Appointment Capacity Dashboard on the test website

- Discussions provided recommendations for improvement, which led to the prototype of the current business intelligence tool

- The Washington Trucking Associations expressed that the Appointment Capacity Dashboard will be a key visibility tool in decision making and availability across the gateway

- All MTO partners had positive reactions to the way the data was shared on the NWSA Test Website

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# Identified Risks

- For the NWSA to access Appointment Capacity data, it is required that Advent eModal (third-party facilitator) obtain the authorization to share that data from the respective MTO. Meaning the data-sharing agreement is between Advent eModal and the MTO

- The NWSA team is working closely with Advent eModal to obtain authorization from all international container terminals to move forward with Phase II

- **Data-sharing agreements will continue to be a risk for future datasets and the development of the PCS.** In the long-term, we recommend considering lease amendments to address access and authorization to data (via a third-party or directly) from our terminals or other stakeholders

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# Expected Benefits

- Provide terminal appointment available capacity visibility to truckers and dispatchers so they can use this information to improve efficiency of scheduling their appointments at NWSA international container terminals

- Reduce the volume of duplicate appointments at NWSA international container terminals

- Validate both technical and business approaches for getting information added to our PCS that could be utilized for future data sets

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# Pilot (Phase II):
# Appointment Capacity Dashboard

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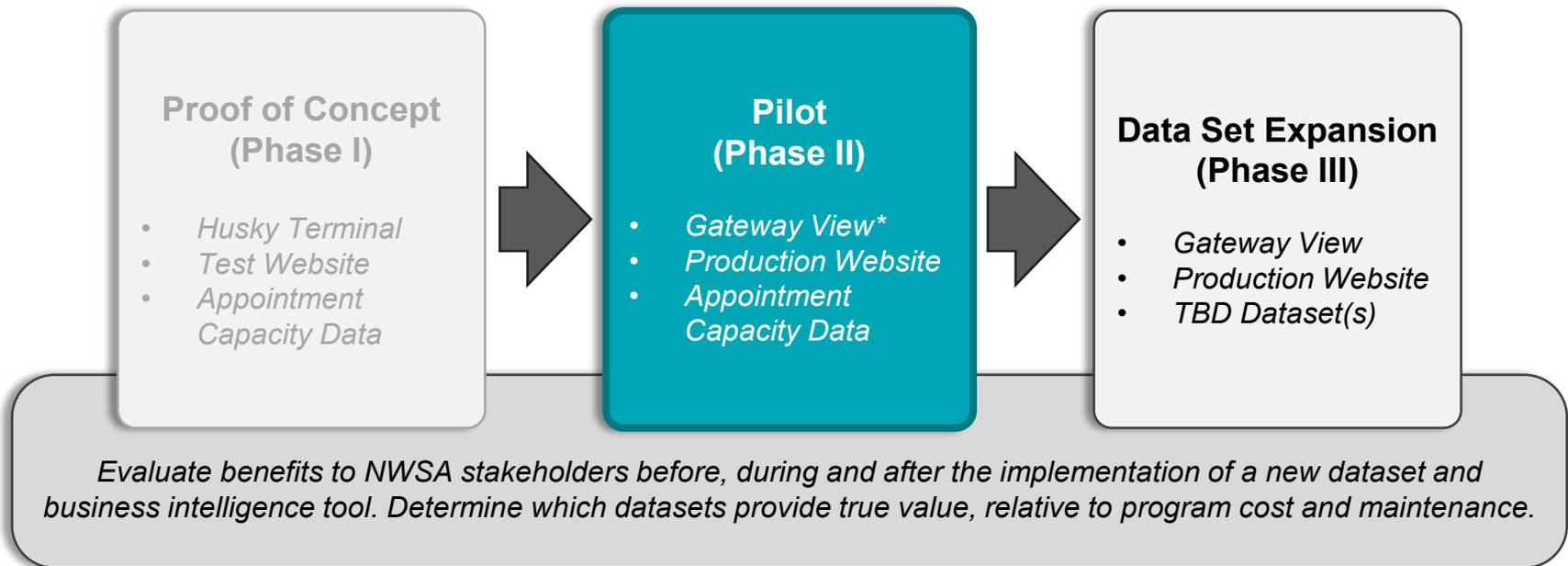
# Proposed Schedule: Pilot (Phase II)

**High-Level Milestones:**

| Activity | Timeframe |
|---|---|
| **Evaluation** of Appointment Capacity Dashboard Phase I (Proof of Concept) | February 2022 – March 2022 |
| **Provide update to Managing Members** for recommendations regarding Phase II (Pilot) | April 2022 |
| **Implement and test gateway-wide view** for Phase II (Pilot) | April 2022 – June 2022 |
| **Go-Live** of Appointment Capacity Dashboard Pilot on NWSA Production Website | July 2022 |
| **Assess benefits and determine operational needs** for ongoing Appointment Capacity Dashboard | January 2023 |

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