

AAPA
October 4, 2017



Port of Los Angeles *“America’s Port”*



THE PORT **LA**
OF LOS ANGELES

Technology: Data Solutions Portal

To conquer the complexity, the Port of Los Angeles and GE Transportation are partnering to launch a
VISIONARY DIGITAL SOLUTION



- Partnership with GE Transportation
- Launched in spring 2017
- One terminal, two steamship lines, multiple BCOs and one string of ships
- Channeled, secure access to data that supply chain stakeholders need
- Benefits supply chain efficiency, predictability, and reliability
- Keeps the supply chain flowing
- Plan to expand to other terminals and shipping lines

GE – Port of LA - Portal Project

- **Pilot Launched in spring and summer 2017**
- **Secure access to data that supply chain stakeholders need**
- **Benefits supply chain efficiency, predictability, and reliability**
- **Plan to expand to other terminals and shipping lines in fall of 2017**
- **Background info:**
 - https://www.portoflosangeles.org/newsroom/2017_releases/news_082117_GE_POLA_Transportation.asp
 - <http://getransportation.com/port-of-la>
 - Background video: <https://www.youtube.com/watch?v=-VWlQAx1Cnc>

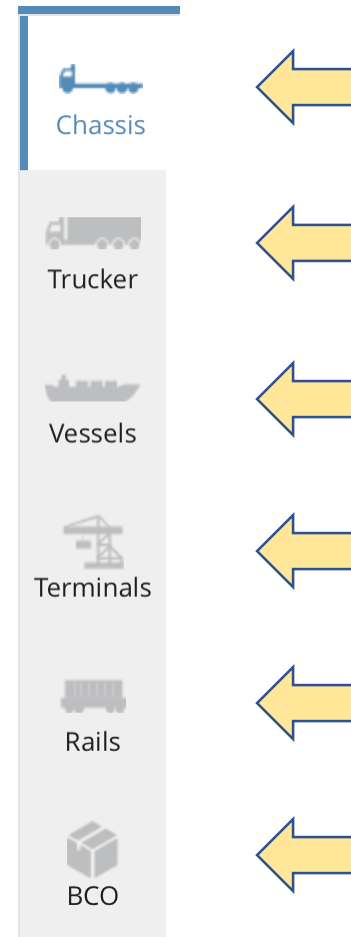


Different Views for Different Users

The Port of Los Angeles Port Information Portal is designed to provide a single location for different port stakeholders to share data on inbound container movements.

By sharing information earlier in the process, the different stakeholders are better able to plan moves and position equipment more efficiently.

The Portal is divided into different persona pages, each corresponding to a different port stakeholder, including Chassis Providers, Truck/Dray providers, Shipping Lines, Terminal Operators, Railroads, and Beneficial Cargo Owners. Each has a unique, secure view into the data.



Port of Los Angeles Port Information Portal



GE Transportation



Inbound Vessel Information 14+ days in Advance

Users will be able to view inbound data 2+ weeks in advance as opposed to the 2-3 days they have today

Inbound Vessel Information APM Terminal Data for 7 days

Vessel Name	Vessel ETA ^	Vessel ETD	20'			40'			45'		Others	Total Containers
			Dry	Reefer	Open Top	Dry	Reefer	Open Top	Dry	Reefer		
SEOUL EXPRESS	12/20/2016	12/20/2016	10	95	15	5	12	0	32	11	1	208
NYK CONSTELLATION	12/21/2016	12/22/2016	24	3	17	8	11	2	22	0	0	300
MOL COMPETENCE	12/21/2016	12/22/2016	81	112	24	23	21	5	18	13	4	284
APL PHILIPPINES	12/22/2016	12/22/2016	17	17	64	43	3	11	9	29	3	247
MOL COURAGE	12/22/2016	12/24/2016	54	54	3	2	7	3	3	3	7	211

[View All](#)

Vessel Name, ETA, and ETD

Container counts by size and type

Vessel Unload Progress Updates In Near Real-Time

By combining multiple data sources, including Manifest data and terminal movement data, the Port Info Portal can show how far along a vessel is in the unload process giving users more advanced information

Vessel Unload Status (This is import volume status only) APM Terminal ▾

Vessel Name	Vessel ETA	Vessel ETD	Completion Status
Arnold Maersk	12/19/2016	12/20/2016	<div style="width: 100%;"><div style="width: 100%;"></div></div> 500 / 500 Containers 100%
Madison Maersk	12/19/2016	12/20/2016	<div style="width: 65%;"><div style="width: 65%;"></div></div> 325 / 500 Containers 65%
Majestic Maersk	12/20/2016	12/21/2016	<div style="width: 26%;"><div style="width: 26%;"></div></div> 234 / 900 Containers 26%
Mary Maersk	12/20/2016	12/21/2016	<div style="width: 50%;"><div style="width: 50%;"></div></div> 300 / 600 Containers 50%

Status bars fill as containers offload the vessel



GE Transportation



Port of Los Angeles Port Information Portal

Specific Container Searching

Quickly search for a specific container to view pertinent information. Data security ensures that users only see containers they should have access to view.

Know if a container has any holds or is available for an appointment

Customer Container Search

ABCU1234567 ✕

Container No. ∨	Consignee	Vessel Name	Container Discharge	No. of Dwell Days	Container			Hazardous	Container Available	Customs	Holds
					Size	Type	Weight (pounds)				
ABCU1234567	Target	Arnold Maersk	12/20/2016 20:15	4	20'	Dry	28792	Class 2	✕	✓	✕

✓ Yes ✕ No

Quickly view information on containers including consignee/dray provider, discharge time, hazmat status and size/type/weight



GE Transportation



Port of Los Angeles Port Information Portal

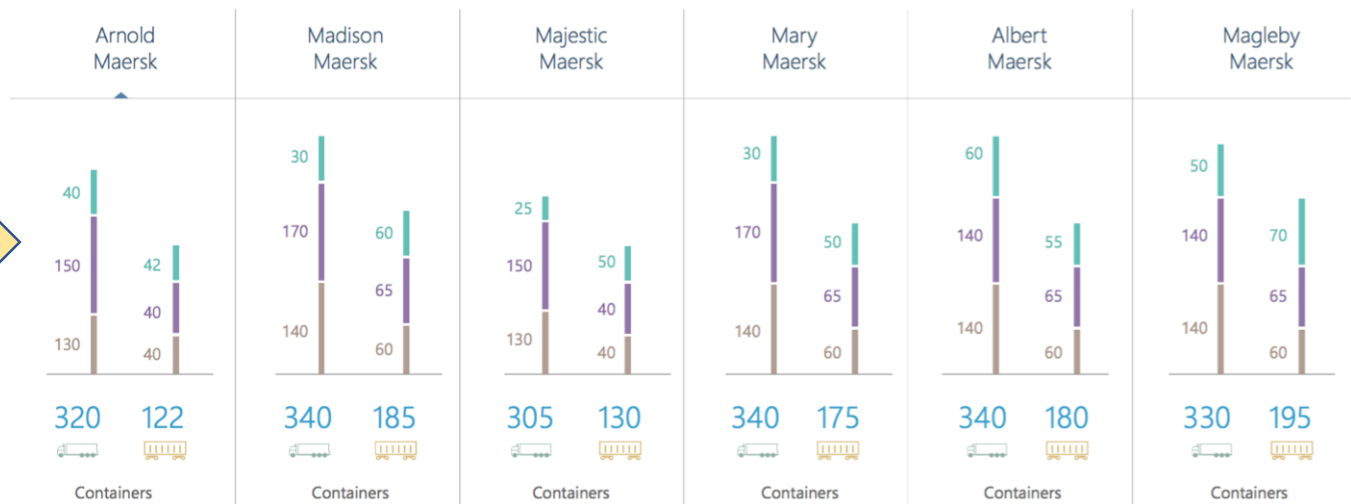
Local versus Rail Information

Inbound container traffic is split into local (Truck) movements versus what will depart on rail

Vessel Forecast

Local Rail 20' 40' 45'

Containers divided by Vessel, size, and local versus rail



Final Destination Information

Beneficial Cargo Owners can easily see the final destination of their inbound container traffic

Data secure to specific BCO containers

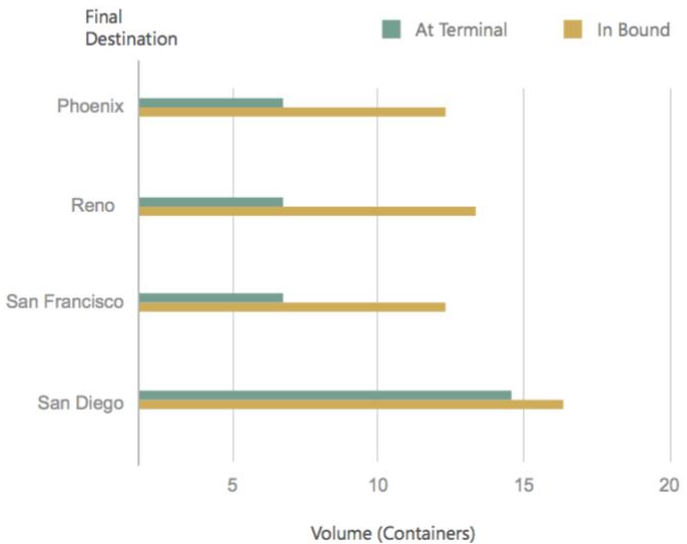


Shipment Import Outlook

Walmart ▾

Final Destination ▾	At Terminal Volume (Containers)	Inbound Volume (Containers)
Phoenix	25	25
Reno	22	24
Reno	22	24
San Francisco	34	28
San Diego	36	26

What's already at the terminal and what is still on the water



[View All](#)

Port of Los Angeles Port Information Portal



GE Transportation



Thank You!



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