Guide of Terminal Supplied CARB Approved Emission Control Strategies (CAECS) for the California Air Resources Board (CARB) At-Berth Regulation

May 2024
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AM Ports

HUENEME
North Terminal

LONG BEACH
SSA Marine (Pier F)
Toyota Logistics

LOS ANGELES
WWL

RICHMOND
Auto Warehouse Co.

SAN DIEGO
National City Marine Terminal

SAN FRANCISCO
Pasha Terminal (Pier 80)

Tankers

CARQUINEZ
PBF Martinez Refining Co.
Tesoro
Valero
TransMontaigne Martinez

CROCKETT
NuStar Selby

LONG BEACH
Olympus
Teso (Pier B/Pier T/LBT)
Vopak

LOS ANGELES
Kinder Morgan (Berth 118/119)
PBF Energy Southwest Terminal
Phillips 66 (Berths 148/149 & 150/151)
Shell Mormon Island (Berths 167-169)
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Introduction

The following is a directory of all berths in compliance with the CARB At-Berth Regulations in Terminals across the State of California, as adopted on December 30, 2020. The information within this document is up to date as of March 31, 2024 and may become outdated over time. For complete information regarding the At-Berth Regulation requirements, find the official resources at https://ww2.arb.ca.gov/new-berth-regulation-implementation. For questions regarding the regulation or related topics, contact shorepower@arb.ca.gov.

This document is strictly provided as an aid and may not include all relevant facilities or details.

Context to CARB Regulation

The California Air Resources Board is the state agency responsible for protecting public health and the environment through the regulation of air pollution emissions in California. Shipping activity at ports is a major source of air pollution in coastal communities. The At-Berth regulation requires vessels to use shore-side electrical power instead of onboard generators once they arrive and moor at a California port. The following is a description of requirements to comply with the At-Berth Regulation.

<table>
<thead>
<tr>
<th>Compliance Start Date</th>
<th>Vessel Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>January 1, 2023</td>
<td>Container and Refrigerated Cargo Vessels</td>
</tr>
<tr>
<td>January 1, 2023</td>
<td>Cruise (Passenger) Vessels</td>
</tr>
<tr>
<td>January 1, 2025</td>
<td>Roll-on Roll-off Vessels</td>
</tr>
<tr>
<td>January 1, 2027</td>
<td>Tanker Vessels Visiting the Ports of Los Angeles or Long Beach</td>
</tr>
<tr>
<td>January 1, 2027</td>
<td>All Remaining Tanker Vessels</td>
</tr>
</tbody>
</table>

Emissions controls compliance start dates based on vessel type.

As per part (e) of the Cal. Code Regs. tit. 17 § 93130.7, vessels must submit to the Terminal operator a formal checklist outlining compliance with the regulation 7 or more days prior to arrival in port. Vessel operators must also coordinate the use of a CARB Approved Emissions Control Strategy (CAECS) with the Terminal Operator. Emissions control must be verified within 2 hours of arrival at berth. Control of emissions may be ceased no sooner than 1 hour before the Pilot is on board and the vessel is ready for departure. Submissions to CARB are due for all Vessels under this regulation within 30 days of departure from a regulated terminal. For submission requirements and further information, the official regulation, Cal. Code Regs. tit. 17 § 93130.7, can be found online.

Additionally, reference the ABS Regulatory News article California At-Berth Requirements for a concise guide to the requirements of the regulation. Navigate to ww2.eagle.org to find this article.
## South Terminal

- **Frequency:** 60 Hz
- **Voltage:** 6.6 kV
- **Maximum Capacity:** 3 MW
- **Emissions Capture & Control System Available**

<table>
<thead>
<tr>
<th>LOCATION</th>
<th>SHORE POWER CONNECTIONS</th>
<th>COMMENTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Berth 1</td>
<td>2</td>
<td>-</td>
</tr>
<tr>
<td>Berth 2</td>
<td>2</td>
<td>-</td>
</tr>
<tr>
<td>Berth 3</td>
<td>2</td>
<td>-</td>
</tr>
</tbody>
</table>

⚠️ **BERTHING RESTRICTION:** None

---

**Port of Hueneme**

- **Giles Pettifor**
  - **Phone:** +1 (805) 814-4039
  - **Email:** gpettifor@portofh.org

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# ITS (Pier G)

- **Frequency:** 60 Hz
- **Voltage:** 6.6 kV & 11 kV
- **Maximum Capacity:** 16 MW
- **Shore Power Only**

<table>
<thead>
<tr>
<th>LOCATION</th>
<th>SHORE POWER CONNECTIONS</th>
<th>COMMENTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Berth G227</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Berth G232</td>
<td>5</td>
<td>-</td>
</tr>
<tr>
<td>Berth G235</td>
<td>1</td>
<td>5500 TEU and smaller, can only use AMP box if located at aft end</td>
</tr>
<tr>
<td>Berth G236</td>
<td>6</td>
<td>-</td>
</tr>
</tbody>
</table>

⚠️ **BERTHING RESTRICTION:** Port Side Only

---

**International Transportation Service, LLC (ITS)**

- **Christopher Rapp**
- **+1 (562) 590-6839**
- **christopher.rapp@itslb.com**
**LBCT (Pier E)**

- **Frequency:** 60 Hz
- **Voltage:** 6.6 kV & 11 kV
- **Maximum Capacity:** 16 MW
- **Shore Power Only**

<table>
<thead>
<tr>
<th>LOCATION</th>
<th>SHORE POWER CONNECTIONS</th>
<th>COMMENTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Berth E22</td>
<td>0</td>
<td>Under Construction</td>
</tr>
<tr>
<td>Berth E24</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>Berth E26</td>
<td>5</td>
<td></td>
</tr>
</tbody>
</table>

⚠️ **BERTHING RESTRICTION:** In-line Berth Layout

---

Long Beach Container Terminal

+1 (562) 951-6000

LBCT LLC

sse@lbct.com
PCT (Pier J)

- Frequency: 60 Hz
- Voltage: 6.6 kV & 11 kV
- Maximum Capacity: 16 MW
- Shore Power Only

<table>
<thead>
<tr>
<th>LOCATION</th>
<th>SHORE POWER CONNECTIONS</th>
<th>COMMENTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Berth J245</td>
<td>9</td>
<td>Main North Side Berth</td>
</tr>
<tr>
<td>Berth J266</td>
<td>11*</td>
<td>Main South Side Berth</td>
</tr>
<tr>
<td>Berth J270</td>
<td>11*</td>
<td>Secondary South Side Berth</td>
</tr>
</tbody>
</table>

⚠️ BERTHING RESTRICTION: J245 Port Side Only; J266 and J270 Starboard Side Only

*11 Connections Shared on South Side – 20 Total

Pacific Maritime Services, LLC

Matthew Sullivan (Env. Manager – California)

N/A

matthew.sullivan@ssamarine.com
## SSA (Pier C)

- **Frequency:** 60 Hz
- **Voltage:** 6.6 kV & 11 kV
- **Maximum Capacity:** 16 MW
- **Shore Power Only**

<table>
<thead>
<tr>
<th>LOCATION</th>
<th>SHORE POWER CONNECTIONS</th>
<th>COMMENTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Berth C62</td>
<td>4</td>
<td>-</td>
</tr>
<tr>
<td>Berth C60</td>
<td>4</td>
<td>-</td>
</tr>
</tbody>
</table>

⚠️ **BERTHING RESTRICTION:** Starboard Side Only

---

**SSA Terminals, LLC**

**Ryan Baird**

+1 (562) 495-8657

ryan.baird@ssamarin.com
SSA (Pier A)

- Frequency: 60 Hz
- Voltage: 6.6 kV & 11 kV
- Maximum Capacity: 16 MW
- Shore Power Only

<table>
<thead>
<tr>
<th>LOCATION</th>
<th>SHORE POWER CONNECTIONS</th>
<th>COMMENTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Berth A90</td>
<td>3</td>
<td>-</td>
</tr>
<tr>
<td>Berth A92</td>
<td>3</td>
<td>-</td>
</tr>
<tr>
<td>Berth A94</td>
<td>3</td>
<td>-</td>
</tr>
</tbody>
</table>

⚠️ BERTHING RESTRICTION: Port Side Only

SSA Terminals, LLC  Mike Patalano
+1 (562) 495-8657  mike.patalano@ssamarine.com

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TTI (Pier T)

**Frequency:** 60 Hz  
**Voltage:** 6.6 kV & 11 kV

**Max Capacity:** 16 MW  
**Shore Power Only**

<table>
<thead>
<tr>
<th>LOCATION</th>
<th>SHORE POWER CONNECTIONS</th>
<th>COMMENTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Berth T134</td>
<td>4</td>
<td>-</td>
</tr>
<tr>
<td>Berth T136</td>
<td>2</td>
<td>-</td>
</tr>
<tr>
<td>Berth T138</td>
<td>3</td>
<td>-</td>
</tr>
<tr>
<td>Berth T140</td>
<td>2</td>
<td>-</td>
</tr>
</tbody>
</table>

⚠️ BERTHING RESTRICTION: No more than 3 vessels at once

Total Terminals International, LLC  
Justin French  
+1 (562) 256-2752  
N/A
## Frequency: 60 Hz
## Voltage: 6.6 kV

## Maximum Capacity: 40 MW

### Shore Power Only

<table>
<thead>
<tr>
<th>LOCATION</th>
<th>SHORE POWER CONNECTIONS</th>
<th>COMMENTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Berth 401</td>
<td>4</td>
<td>Low Number of Visits</td>
</tr>
<tr>
<td>Berth 402</td>
<td>4</td>
<td>-</td>
</tr>
<tr>
<td>Berth 403</td>
<td>4</td>
<td>-</td>
</tr>
<tr>
<td>Berth 404</td>
<td>4</td>
<td>-</td>
</tr>
<tr>
<td>Berth 405</td>
<td>4</td>
<td>Low Number of Visits</td>
</tr>
</tbody>
</table>

⚠️ **BERTHING RESTRICTION: None**

---

APM Terminals Pacific, LLC

Christopher Allen

+1 (310) 222-4270

christopher.allen@apmterminals.com

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### Everglades (WBCT – Yang Ming)

- **Frequency:** 60 Hz
- **Voltage:** 6.6 kV
- **Maximum Capacity:** 40 MW
- **Shore Power Only**

<table>
<thead>
<tr>
<th>LOCATION</th>
<th>SHORE POWER CONNECTIONS</th>
<th>COMMENTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Berth 126</td>
<td>2</td>
<td>-</td>
</tr>
<tr>
<td>Berth 121</td>
<td>2</td>
<td>-</td>
</tr>
</tbody>
</table>

⚠️ **BERTHING RESTRICTION:** None

---

West Basin Container Terminal

- Quentin Yang
- +1 (310) 519-2307
- quentinya@wbct.us
## Everport

### LOCATION
- Berth 227
- Berth 230

### SHORE POWER CONNECTIONS
- Berth 227: 2
- Berth 230: 1

### COMMENTS
-骨折

### FREQUENCY
- 60 Hz

### VOLTAGE
- 6.6 kV

### MAXIMUM CAPACITY
- 40 MW

### SHORE POWER ONLY
- Yes

### BERTHING RESTRICTION
- None

---

Everport Terminal Service
Thinh Vo
+1 (310) 221-4810
tvo@everport-terminals.com

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Fenix Marine

- Frequency: 60 Hz
- Voltage: 6.6 kV
- Maximum Capacity: 40 MW
- Shore Power Only

<table>
<thead>
<tr>
<th>LOCATION</th>
<th>SHORE POWER CONNECTIONS</th>
<th>COMMENTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Berth TI 302</td>
<td>4</td>
<td>-</td>
</tr>
<tr>
<td>Berth TI 303</td>
<td>4</td>
<td>-</td>
</tr>
<tr>
<td>Berth TI 304</td>
<td>4</td>
<td>-</td>
</tr>
<tr>
<td>Berth TI 305</td>
<td>3</td>
<td>-</td>
</tr>
</tbody>
</table>

**BERTHING RESTRICTION:** Starboard Side Only

Fenix Marine Services
+1 (310) 548-8956
jbrown@fmslax.com

Jeffrey Brown
TraPac

- Frequency: 60 Hz
- Voltage: 6.6 kV
- Maximum Capacity: 40 MW
- Shore Power Only

<table>
<thead>
<tr>
<th>LOCATION</th>
<th>SHORE POWER CONNECTIONS</th>
<th>COMMENTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Berth 139</td>
<td>2</td>
<td>-</td>
</tr>
<tr>
<td>Berth 144</td>
<td>2</td>
<td>-</td>
</tr>
<tr>
<td>Berth 147</td>
<td>4</td>
<td>-</td>
</tr>
</tbody>
</table>

⚠️ BERTHING RESTRICTION: None

TraPac LLC          Bana James / Bill Schoop
N/A                 danny.vital@trapac.com
## WBCT

- **Frequency**: 60 Hz
- **Voltage**: 6.6 kV
- **Maximum Capacity**: 40 MW
- **Shore Power Only**

### Location

<table>
<thead>
<tr>
<th>LOCATION</th>
<th>SHORE POWER CONNECTIONS</th>
<th>COMMENTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Berth 100</td>
<td>4</td>
<td>-</td>
</tr>
<tr>
<td>Berth 102</td>
<td>3</td>
<td>-</td>
</tr>
</tbody>
</table>

⚠️ **BERTHING RESTRICTION**: None

- **West Basin Container Terminal**: Quentin Yang
  - **Phone**: +1 (310) 519-2307
  - **Email**: quentinya@wbct.us

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# Yusen

- **Frequency:** 60 Hz
- **Voltage:** 6.6 kV
- **Maximum Capacity:** 40 MW
- **Shore Power Only**

## SHORE POWER CONNECTIONS

<table>
<thead>
<tr>
<th>LOCATION</th>
<th>CONNECTIONS</th>
<th>COMMENTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Berth TI 212</td>
<td>2</td>
<td>-</td>
</tr>
<tr>
<td>Berth TI 214</td>
<td>4</td>
<td>-</td>
</tr>
<tr>
<td>Berth TI 218</td>
<td>4</td>
<td>-</td>
</tr>
</tbody>
</table>

⚠️ **BERTHING RESTRICTION:** None

---

Yusen Terminals LLC

- **Ken Fletcher**
  - **Phone:** +1 (310) 427-2295
  - **Email:** kfletcher@yti.com
# Everport

- **Frequency:** 60 Hz
- **Voltage:** 6.6 kV
- **Maximum Capacity:** 8 MW
- **Shore Power Only**

<table>
<thead>
<tr>
<th>LOCATION</th>
<th>SHORE POWER CONNECTIONS</th>
<th>COMMENTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Berth 35</td>
<td>2</td>
<td>-</td>
</tr>
<tr>
<td>Berth 37</td>
<td>2</td>
<td>-</td>
</tr>
</tbody>
</table>

⚠️ **BERTHING RESTRICTION:** None

---

Ben E. Nutter Terminal  
(EverPort Terminal Service)  
+1 (510) 208-8803  

Michael Andrews  
mandrews@everport-terminals.com
OICT

- Frequency: 60 Hz
- Voltage: 6.6 kV
- Maximum Capacity: 8 MW
- Shore Power Only

<table>
<thead>
<tr>
<th>LOCATION</th>
<th>SHORE POWER CONNECTIONS</th>
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<tbody>
<tr>
<td>Berth 55</td>
<td>3</td>
<td>-</td>
</tr>
<tr>
<td>Berth 56</td>
<td>4</td>
<td>-</td>
</tr>
<tr>
<td>Berth 57</td>
<td>4</td>
<td>-</td>
</tr>
<tr>
<td>Berth 58</td>
<td>4</td>
<td>-</td>
</tr>
<tr>
<td>Berth 59</td>
<td>3</td>
<td>-</td>
</tr>
</tbody>
</table>

⚠️ BERTHING RESTRICTION: None

---

Oakland International Container Terminal

Jim Rice

+1 (510) 238-4401

jim.rice@ssamarine.com

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Berth 63

Frequency: 60 Hz  
Voltage: 6.6 kV  
Maximum Capacity: 8 MW  
Shore Power Only

<table>
<thead>
<tr>
<th>LOCATION</th>
<th>SHORE POWER CONNECTIONS</th>
<th>COMMENTS</th>
</tr>
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<tbody>
<tr>
<td>Berths 60-63</td>
<td>3</td>
<td>-</td>
</tr>
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</table>

⚠️ BERTHING RESTRICTION: None

Terminal Berth 63  
Chris Hurley  
+1 (510) 446-2403  
chris.hurley@ssamarin.com
TraPac

Frequency: 60 Hz
Voltage: 6.6 kV
Maximum Capacity: 8 MW
Shore Power Only

<table>
<thead>
<tr>
<th>LOCATION</th>
<th>SHORE POWER CONNECTIONS</th>
<th>COMMENTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Berths 25-26</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Berth 30</td>
<td>3</td>
<td>-</td>
</tr>
<tr>
<td>Berths 32-33</td>
<td>3</td>
<td>-</td>
</tr>
</tbody>
</table>

⚠️ BERTHING RESTRICTION: None

TraPac Terminal
Brian Bauer

+1 (510) 286-8602
bbauer@trapac.com

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# Tenth Avenue Marine Terminal

- **Frequency:** 60 Hz
- **Voltage:** 6.6 kV and 11 kV
- **Maximum Capacity:** 12 MW
- **Shore Power Only**

<table>
<thead>
<tr>
<th>LOCATION</th>
<th>SHORE POWER CONNECTIONS</th>
<th>COMMENTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Berth 10 – 1</td>
<td>1</td>
<td>-</td>
</tr>
<tr>
<td>Berth 10 – 2</td>
<td>1</td>
<td>-</td>
</tr>
<tr>
<td>Berth 10 – 3</td>
<td>1</td>
<td>-</td>
</tr>
<tr>
<td>Berth 10 – 4</td>
<td>1</td>
<td>-</td>
</tr>
<tr>
<td>Berth 10 – 5</td>
<td>1</td>
<td>-</td>
</tr>
<tr>
<td>Berth 10 – 6</td>
<td>1</td>
<td>-</td>
</tr>
<tr>
<td>Berth 10 – 7</td>
<td>1</td>
<td>-</td>
</tr>
<tr>
<td>Berth 10 – 8</td>
<td>1</td>
<td>-</td>
</tr>
</tbody>
</table>

⚠️ **BERTHING RESTRICTION:** Water Depth of 42 ft.

---

Port of San Diego
- **Contact:** Renee Yarmy
- **Phone:** +1 (619) 455-6782
- **Email:** ryarmy@portofsandiego.org

---

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AM Ports

Frequency: 60 Hz
Voltage: TBD

Maximum Capacity: TBD
Shore Power and Emission Capture and Control System Planned by 2025

<table>
<thead>
<tr>
<th>LOCATION</th>
<th>SHORE POWER CONNECTIONS</th>
<th>COMMENTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Benicia Port Terminal</td>
<td>TBD</td>
<td>-</td>
</tr>
</tbody>
</table>

⚠️ BERTHING RESTRICTION: Low Bridge Over Channel

Benicia Port Terminal Company
Alejandro Alanis, Manager AMPORTS
N/A
aalanis@amports.com
North Terminal

- Frequency: 60 Hz
- Voltage: 6.6 kV
- Maximum Capacity: 3 MW
- Shore Power and Emission Capture and Control System Planned by 2025

<table>
<thead>
<tr>
<th>LOCATION</th>
<th>SHORE POWER CONNECTIONS</th>
<th>COMMENTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Berth 4</td>
<td>1</td>
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</tr>
<tr>
<td>Berth 5</td>
<td>1</td>
<td>-</td>
</tr>
</tbody>
</table>

⚠️ BERTHING RESTRICTION: None

Port of Hueneme
+1 (805) 814-4039
Giles Pettifor
gpettifor@portofh.org
**SSA Marine (Pier F)**

- **Frequency:** 60 Hz
- **Voltage:** TBD – Likely 6.6 and 11 kV
- **Maximum Capacity:** TBD – Likely 16 MW
- **Shore Power and Emission Capture and Control System:** Planned by 2025

<table>
<thead>
<tr>
<th>LOCATION</th>
<th>SHORE POWER CONNECTIONS</th>
<th>COMMENTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Berth 204</td>
<td>TBD</td>
<td>-</td>
</tr>
<tr>
<td>Berth 205</td>
<td>TBD</td>
<td>-</td>
</tr>
<tr>
<td>Berth 206</td>
<td>TBD</td>
<td>-</td>
</tr>
<tr>
<td>Berth 207</td>
<td>TBD</td>
<td>-</td>
</tr>
</tbody>
</table>

⚠️ **BERTHING RESTRICTION:** None

**SSA Pacific Inc, Bill Fitz**

**Brian Mannelly**

- N/A
- brian.mannelly@ssamarine.com

---

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Frequency: 60 Hz  
Voltage: TBD – Likely 6.6 and 11 kV

Maximum Capacity: TBD – Likely 16 MW  
Shore Power and Emission Capture and Control System Planned by 2025

<table>
<thead>
<tr>
<th>LOCATION</th>
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<th>COMMENTS</th>
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<tr>
<td>B82</td>
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</tr>
<tr>
<td>B83</td>
<td>TBD</td>
<td>-</td>
</tr>
</tbody>
</table>

⚠️ BERTHING RESTRICTION: None

Toyota Motor North America, INC
Jessica Gambhir
+1 (210) 328-2140  
jessica.gambhir@toyota.com
Frequency: 60 Hz

Voltage: TBD – Likely 6.6 kV

Maximum Capacity: TBD – Likely 40 MW

Shore Power and Emission Capture and Control System Planned by 2025

<table>
<thead>
<tr>
<th>LOCATION</th>
<th>SHORE POWER CONNECTIONS</th>
<th>COMMENTS</th>
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<tbody>
<tr>
<td>Berth 196</td>
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<tr>
<td>Berth 197</td>
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<tr>
<td>Berth 198</td>
<td>TBD</td>
<td>-</td>
</tr>
<tr>
<td>Berth 199</td>
<td>TBD</td>
<td>-</td>
</tr>
</tbody>
</table>

⚠️ BERTHING RESTRICTION: Starboard Side Only

Wallenius Wilhelmsen Solutions
+1 (310) 847-4545

Peter Bresnee
peter.bresnee@walwil.com

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Frequency: 60 Hz

Voltage: TBD – Likely 11 kV

Maximum Capacity: TBD

Shore Power and Emission Capture and Control System Planned by 2025

<table>
<thead>
<tr>
<th>LOCATION</th>
<th>SHORE POWER CONNECTIONS</th>
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</tr>
</thead>
<tbody>
<tr>
<td>Pier 7</td>
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<tr>
<td>Pier 8</td>
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</table>

⚠️ BERTHING RESTRICTION: None

Auto Warehouse Company (AWC)
+1 (707) 410-6299

Alan Wolken
awolken@ci.richmond.ca.us
National City Marine Terminal

Frequency: 60 Hz
Voltage: TBD – Likely 6.6 and 11 kV

Maximum Capacity: TBD – Likely 12 MW
Shore Power and Emission Capture and Control System Planned by 2025

<table>
<thead>
<tr>
<th>LOCATION</th>
<th>SHORE POWER CONNECTIONS</th>
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</tr>
</thead>
<tbody>
<tr>
<td>Berth 24 – 1</td>
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<tr>
<td>Berth 24 – 2</td>
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<tr>
<td>Berth 24 – 3</td>
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<td>Berth 24 – 4</td>
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<td>Berth 24 – 10</td>
<td>TBD</td>
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</tr>
<tr>
<td>Berth 24 – 11</td>
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</tr>
</tbody>
</table>

BERTHING RESTRICTION: 35 ft. Maximum Draft

Port of San Diego
Renee Yarmy
+1 (619) 455-6782
ryarmy@portofsandiego.org
Pasha Terminal (Pier 80)

- Frequency: 60 Hz
- Voltage: TBD – Likely 6.6 and 11 kV
- Maximum Capacity: TBD – Likely 12 MW
- Shore Power and Emission Capture and Control System Planned by 2025

<table>
<thead>
<tr>
<th>LOCATION</th>
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<tbody>
<tr>
<td>Berth A</td>
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</tr>
<tr>
<td>Berth B</td>
<td>TBD</td>
<td>-</td>
</tr>
<tr>
<td>Berth C</td>
<td>TBD</td>
<td>-</td>
</tr>
<tr>
<td>Berth D</td>
<td>TBD</td>
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</tbody>
</table>

⚠️ BERTHING RESTRICTION: None

Pasha Automotive Services
+1 (415) 336-0888

Shannon Alford, Sr. Environmental Planner
shannon.alford@sfport.com
PBF Martinez Refining Co.

Frequency: TBD
Voltage: TBD
Maximum Capacity: TBD
Emission Capture and Control System Planned by 2027

<table>
<thead>
<tr>
<th>LOCATION</th>
<th>SHORE POWER CONNECTIONS</th>
<th>COMMENTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Berth 1</td>
<td>TBD</td>
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</tr>
<tr>
<td>Berth 2</td>
<td>TBD</td>
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⚠️ BERTHING RESTRICTION: None

Martinez Refining Company (MFC)
+1 (831) 332-2820

Michael Marlowe
michael.marlowe@pbfenergy.com
Tesoro

- Frequency: TBD
- Voltage: TBD
- Maximum Capacity: TBD
- Emission Capture and Control System Planned by 2027

<table>
<thead>
<tr>
<th>LOCATION</th>
<th>SHORE POWER CONNECTIONS</th>
<th>COMMENTS</th>
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<tbody>
<tr>
<td>Avon Wharf</td>
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<tr>
<td>Amorco Wharf</td>
<td>TBD</td>
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</table>

⚠️ BERTHING RESTRICTION: None

Tesoro Refining and Marketing Company LLC (TRMC)

 Danny McGuire
+1 (606) 326-2503
drmcguire@marathonpetroleum.com
Valero

**Frequency:** TBD  
**Voltage:** TBD  
**Maximum Capacity:** TBD  
**Location:** TBD

<table>
<thead>
<tr>
<th>LOCATION</th>
<th>SHORE POWER CONNECTIONS</th>
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<tbody>
<tr>
<td>Berth 1</td>
<td>TBD</td>
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</tr>
</tbody>
</table>

⚠️ BERTHING RESTRICTION: None

Valero Benicia Marine  
+1 (707) 745-7628  
Ben LaFountain  
ben.lafountain@valero.com
### TransMontaigne Martinez

**Frequency:** TBD  
**Voltage:** TBD

**Maximum Capacity:** TBD  
**Emission Capture and Control System Planned by 2027**

<table>
<thead>
<tr>
<th>LOCATION</th>
<th>SHORE POWER CONNECTIONS</th>
<th>COMMENTS</th>
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<tbody>
<tr>
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<tr>
<td>East</td>
<td>TBD</td>
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⚠️ **BERTHING RESTRICTION:** None

---

TransMontaigne Operating Company LP  
Paul Siler, Air Quality Compliance Manager

N/A  
psiler@transmontaigne.com

---

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NuStar Selby

- Frequency: TBD
- Voltage: TBD
- Maximum Capacity: TBD
- Emission Capture and Control System Planned by 2027

<table>
<thead>
<tr>
<th>LOCATION</th>
<th>SHORE POWER CONNECTIONS</th>
<th>COMMENTS</th>
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<tbody>
<tr>
<td>Berth ROD 8</td>
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⚠️ BERTHING RESTRICTION: None

Shore Terminals LLC
Jennifer Polk, HSE Manager
N/A
jennifer.polk
@nustarenergy.com
# Olympus

- **Frequency:** TBD
- **Voltage:** TBD
- **Maximum Capacity:** TBD
- **Emission Capture and Control System Planned**

<table>
<thead>
<tr>
<th>LOCATION</th>
<th>SHORE POWER CONNECTIONS</th>
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</tbody>
</table>

⚠️ **BERTHING RESTRICTION:** Port Side Only; 39.5 ft. Maximum Draft

- Chemoil Terminals LLC
- Justin Avril
- +1 (562) 485-4205
- justin.avril@chemoil.com
### Tesoro (Pier B/Pier T/LBT)

- **Frequency:** 60 Hz
- **Voltage:** TBD – Likely 6.6 kV
- **Maximum Capacity:** TBD – Likely 16 MW
- **Emission Capture and Control System Planned by 2025**

<table>
<thead>
<tr>
<th>LOCATION</th>
<th>SHORE POWER CONNECTIONS</th>
<th>COMMENTS</th>
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<tbody>
<tr>
<td>Berth B84a</td>
<td>1*</td>
<td>*1 Shore Power Connection, Exact Position Unknown</td>
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<tr>
<td>Berth B86</td>
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</tr>
</tbody>
</table>

⚠️ **BERTHING RESTRICTION:** Port Side Only

---

**Tesoro Logistics Operations LLC (TLO)**

- Timothy Hayes
- +1 (562) 499-2249
- twhayes@marathonpetroleum.com
Vopak

- Frequency: 60 Hz
- Voltage: TBD – Likely 6.6 and 11 kV
- Maximum Capacity: TBD – Likely 16 MW
- Emission Capture and Control System Planned by 2025

<table>
<thead>
<tr>
<th>LOCATION</th>
<th>SHORE POWER CONNECTIONS</th>
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<td>Berth S101</td>
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</table>

⚠️ BERTHING RESTRICTION: None

Vopak Terminal Long Beach, Inc.

Michael LaCavera

+1 (310) 549-0961

michael.lacavera@vopak.com
Kinder Morgan (Berth 118/119)

Frequency: 60 Hz

Voltage: TBD – Likely 6.6 kV

Maximum Capacity: TBD – Likely 40 MW

Emission Capture and Control System Planned by 2025

<table>
<thead>
<tr>
<th>LOCATION</th>
<th>SHORE POWER CONNECTIONS</th>
<th>COMMENTS</th>
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<tbody>
<tr>
<td>Berth 118</td>
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<tr>
<td>Berth 119</td>
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</tbody>
</table>

⚠️ BERTHING RESTRICTION: None

Kinder Morgan
+1 (337) 852-5548

Casey Alleman
casey_alleman@kindermorgan.com

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**PBF Energy Southwest Terminal**

- **Frequency:** 60 Hz
- **Voltage:** TBD – Likely 6.6 kV
- **Maximum Capacity:** TBD – Likely 40 MW
- **Emission Capture and Control System Planned by 2025**

<table>
<thead>
<tr>
<th>LOCATION</th>
<th>SHORE POWER CONNECTIONS</th>
<th>COMMENTS</th>
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<tbody>
<tr>
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<tr>
<td>LA – B239</td>
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</tbody>
</table>

⚠️ **BERTHING RESTRICTION:** Port Side Only

---

**PBF Energy**  
+1 (310) 241-5028  
steve.brett@pbfenergy.com

**Steve Brett**
Phillips 66 (Berths 148/149 & 150/151)

- Frequency: 60 Hz
- Voltage: TBD – Likely 6.6 kV
- Maximum Capacity: TBD – Likely 40 MW
- Emission Capture and Control System Planned by 2025

<table>
<thead>
<tr>
<th>LOCATION</th>
<th>SHORE POWER CONNECTIONS</th>
<th>COMMENTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Berth 148</td>
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<tr>
<td>Berth 149</td>
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<tr>
<td>Berth 150</td>
<td>TBD</td>
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<tr>
<td>Berth 151</td>
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</tr>
</tbody>
</table>

⚠️ BERTHING RESTRICTION: None

Phillips 66 Company
+1 (310) 952-6206
Kurt Alvarado
kurt.s.alvarado@p66.com
Shell Mormon Island (Berths 167 – 169)

- Frequency: 60 Hz
- Voltage: TBD – Likely 6.6 kV
- Maximum Capacity: TBD – Likely 40 MW
- Emission Capture Barge Available Jan. 2025

<table>
<thead>
<tr>
<th>LOCATION</th>
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<th>COMMENTS</th>
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<tbody>
<tr>
<td>Berth 168</td>
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<tr>
<td>Various Locations In Port</td>
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</tr>
</tbody>
</table>

⚠️ BERTHING RESTRICTION: None

- Shell Mormon Island
- Lee Cheatham
- +1 (832) 337-7040
- lee.cheatham@shell.com
Ultramar/Valero/NuStar (Berth 163)

- Frequency: 60 Hz
- Voltage: TBD – Likely 6.6 kV
- Maximum Capacity: TBD – Likely 40 MW
- Emission Capture and Control System Planned by 2025

<table>
<thead>
<tr>
<th>LOCATION</th>
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<tr>
<td>Berth 163</td>
<td>TBD</td>
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</tbody>
</table>

⚠️ BERTHING RESTRICTION: None

Ultramar, Inc.
+1 (916) 317-0799

Jerome Jackson
jerome.jackson@nustarenergy.com
Ultramar (Berth 164)

- Frequency: 60 Hz
- Voltage: TBD – Likely 6.6 kV
- Maximum Capacity: TBD – Likely 40 MW
- Emission Capture and Control System Planned by 2025

<table>
<thead>
<tr>
<th>LOCATION</th>
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<td>Wilmington Berth 164</td>
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</table>

⚠️ BERTHING RESTRICTION: None

Valero

+1 (562) 491-6753

Richard Vasquez

richard.vasquez@valero.com
**Vopak**

- **Frequency:** 60 Hz
- **Voltage:** TBD – Likely 6.6 kV
- **Maximum Capacity:** TBD – Likely 40 MW
- **Emission Capture and Control System Planned by 2025**

<table>
<thead>
<tr>
<th>LOCATION</th>
<th>SHORE POWER CONNECTIONS</th>
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<tbody>
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<td>Berth 187</td>
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<td>Berth 188</td>
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<td>Berth 189</td>
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<td>Berth 190</td>
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</table>

⚠️ **BERTHING RESTRICTION:** None

---

Vopak Terminal Los Angeles, Inc.

Michael LaCavera

+1 (310) 549-0961

michael.lacavera@vopak.com
<table>
<thead>
<tr>
<th>LOCATION</th>
<th>SHORE POWER CONNECTIONS</th>
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</tr>
</thead>
<tbody>
<tr>
<td>Berth 1</td>
<td>TBD</td>
<td>-</td>
</tr>
<tr>
<td>Berth 2</td>
<td>TBD</td>
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</tr>
<tr>
<td>Berth 3</td>
<td>TBD</td>
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<tr>
<td>Berth 4</td>
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</tbody>
</table>

⚠️ BERTHING RESTRICTION: None

Chevron

Karen Boven, Sr. Strategic Planning Analyst

N/A

karen.boven@chevron.com

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Kinder Morgan (RCH 9)

- Frequency: TBD
- Voltage: TBD
- Maximum Capacity: TBD
- Emission Capture and Control System Planned by 2027

<table>
<thead>
<tr>
<th>LOCATION</th>
<th>SHORE POWER CONNECTIONS</th>
<th>COMMENTS</th>
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<tbody>
<tr>
<td>Richmond 9</td>
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</tbody>
</table>

- BERTHING RESTRICTION: None

Richmond Products Terminal (Kinder Morgan)

Jeff Carlton

+1 (925) 765-3275

jeff_carlton@kindermorgan.com
Kinder Morgan (RCH 11)

- Frequency: TBD
- Voltage: TBD
- Maximum Capacity: TBD
- Emission Capture and Control System Planned by 2027

<table>
<thead>
<tr>
<th>LOCATION</th>
<th>SHORE POWER CONNECTIONS</th>
<th>COMMENTS</th>
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<tbody>
<tr>
<td>Richmond 11</td>
<td>TBD</td>
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</table>

⚠️ BERTHING RESTRICTION: None

**Richmond Products Terminal (Kinder Morgan)**

- Dan Beath
  - +1 (510) 412-8810
  - dan_beath@kindermorgan.com
Phillips 66 (RCH 11)

Frequency: TBD  Voltage: TBD

Maximum Capacity: TBD  Emission Capture and Control System Planned by 2027

<table>
<thead>
<tr>
<th>LOCATION</th>
<th>SHORE POWER CONNECTIONS</th>
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<tbody>
<tr>
<td>Richmond Dock 11</td>
<td>TBD</td>
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</table>

⚠️ BERTHING RESTRICTION: None

Phillips 66 Company  Nick Black
+1 (510) 412-7606  nick.black@p66.com
TransMontaigne Richmond

- Frequency: TBD
- Voltage: TBD
- Maximum Capacity: TBD
- Emission Capture and Control System Planned by 2026

<table>
<thead>
<tr>
<th>LOCATION</th>
<th>SHORE POWER CONNECTIONS</th>
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</tr>
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<tbody>
<tr>
<td>West</td>
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</tr>
</tbody>
</table>

⚠️ BERTHING RESTRICTION: None

TransMontaigne Operating Company LP

Paul Siler, Air Quality Compliance Manager

N/A

psiler@transmontaigne.com
Phillips 66 Rodeo Marine Terminal

- Frequency: TBD  
- Voltage: TBD
- Maximum Capacity: TBD
- Emission Capture and Control System Planned by 2027

<table>
<thead>
<tr>
<th>LOCATION</th>
<th>SHORE POWER CONNECTIONS</th>
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</tr>
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<tbody>
<tr>
<td>ROD 3</td>
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<tr>
<td>ROD 4</td>
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<tr>
<td>ROD 5</td>
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<td>-</td>
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</tbody>
</table>

⚠️ BERTHING RESTRICTION: None

Phillips 66 Company
- Greg Jeffus  
  - +1 (510) 245-4515  
  - greg.jeffus@p66.com
## Tesoro

<table>
<thead>
<tr>
<th>LOCATION</th>
<th>SHORE POWER CONNECTIONS</th>
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<tbody>
<tr>
<td>Berth 7/8</td>
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</tbody>
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⚠️ BERTHING RESTRICTION: Narrow Channel

Port of Stockton  
+1 (209) 649-4189  
jwingfield@stocktonport.com

**Frequency:** TBD  
**Voltage:** TBD  
**Maximum Capacity:** TBD  
**Emission Capture and Control System Planned by 2027**
CONTACT INFORMATION

North America Region
1701 City Plaza Dr.
Spring, Texas 77389, USA
Tel: +1-281-877-6000
Email: ABS-Amer@eagle.org

South America Region
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