

## FENIX MARINE SERVICES At Berth Terminal Plan

This terminal plan has been prepared pursuant Section 93130.14(a)(3) of the Airborne Toxic Control Measure for Auxiliary Diesel Engines Operated on Ocean-Going Vessels At Berth in a California Port.

### 1. GENERAL INFORMATION

Terminal Contact Name: Jeffrey Brown

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#### Berths Included in this Plan:

Name:

Approximate Geographic Boundary Coordinates:\*

- |  |  |
|--|--|
| <ol style="list-style-type: none"> <li>1. TI 302</li> <li>2. TI 303</li> <li>3. TI 304</li> <li>4. TI 305</li> </ol> | <ol style="list-style-type: none"> <li>1. 33°43'53.7"N 118°15'36.4"W</li> <li>2. 33°43'58.1"N 118°15'21.4"W</li> <li>3. 33°44'01.3"N 118°15'10.8"W</li> <li>4. 33°44'05.8"N 118°14'58.5"W</li> </ol> |
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*\*The number of berths on a terminal and the spatial positioning of berths are dependent on vessel size; thus, the geographic boundary coordinates are approximates only.*

### 2. STRATEGY DETAILS

#### Strateg(ies) used to comply with the requirements for ocean-going vessels visiting each berth:

1. Shore Power (AMP)

#### 2.1 [Strategy 1]

#### Identification and description of all necessary equipment:

Equipment:

Location:

- |  |   |
|--|---|
| <ol style="list-style-type: none"> <li>1. 4 DWP Transformers</li> <li>2. 4 Sub-Stations</li> <li>3. 15 Vaults</li> <li>4. Cavotec AMP Reel Caddy</li> <li>5. Cavotec AMP Extension Box</li> <li>6. AMP Connection Container</li> </ol> | <ol style="list-style-type: none"> <li>1. Shore</li> <li>2. Wharf</li> <li>3. Wharf</li> <li>4. Wharf</li> <li>5. Wharf</li> <li>6. Vessel</li> </ol> |
|--|---|

Number of vessels expected to use this strategy (annual): 25

Number of vessel visits expected to use this strategy (annual): 110

*Berths where equipment will be used:*

1. TI 302
2. TI 303
3. TI 304
4. TI 305

*Schedule for installing equipment:*

**Project:**

**Estimated Completion Date:**

- |   |  |
|---|--|
| <ol style="list-style-type: none"> <li>1. 4 DWP Transformers</li> <li>2. 4 Sub-Stations</li> <li>3. 15 Vaults (4 vaults each at TI 302, 303, 304 &amp; 3 vaults at TI 305)</li> </ol> | <ol style="list-style-type: none"> <li>1. Installed</li> <li>2. Installed</li> <li>3. Installed</li> </ol> |
|---|--|

**3. TERMINAL OPERATOR/PORT BERTHING RESTRICTIONS**

*Are there any terminal or port specific berthing restrictions? YES (If yes, please describe.)*

**Vessels berth starboard-side to**

**4. DIVISION OF ROLES AND RESPONSIBILITIES**

*Division of responsibilities for enacting infrastructure:*

**Port:**

- Provide equipment or necessary infrastructure at terminal as determined through FMS Permit (lease) with the Port (shared with Terminal)
- Responsibility of uncontrolled emissions due to construction as determined by the Terminal's Permit (lease) with the Port (shared with Terminal)
- Responsibility of uncontrolled emissions from repair of Port owned shore power infrastructure/equipment

**Terminal Operator:**

- Initiation of construction through the Application for Port Permit (APP) process
- Provide equipment or necessary infrastructure at terminal as determined through FMS Permit (lease) with the Port (shared with the Port)
- Responsibility of uncontrolled emissions due to construction as determined by the Terminal's Permit (lease) with the Port (shared with the Port)
- Responsibility of uncontrolled emissions from repair of Terminal owned shore power infrastructure/equipment

Are there any contractual limitations applicable to the terminal relevant to enacting the infrastructure? If yes, describe.

**Port approval of responsibilities:**

The Port's responsible officer confirms by signing below that he/she has reviewed the division of responsibilities set forth in Section 4 of this At Berth Terminal Plan and agrees to them under penalty of perjury. The Port does not make any representations or attestations about the accuracy, feasibility, or legality of the Terminal Operator's proposed compliance strategy set forth in this At Berth Terminal Plan.

Name: Michael DiBernardo

Title: Deputy Executive Director

Port: Port of Los Angeles

Signature:

*Michael DiBernardo*

Date:

11/15/2021

**5. SIGNATURE OF TERMINAL OPERATOR**

*By signing below, the Terminal Operator's responsible officer confirms under penalty of perjury that he/she has reviewed this At Berth Terminal Plan and is submitting this At Berth Terminal Plan as Fenix Marine Services compliance strategy for the At Berth Regulation. Fenix Marine Services understands this plan is subject to verification by CARB staff.*

Name: Jeffrey Brown

Title: Senior Manager – HSSE / FSO

Signature:

*Jeffrey Brown*

Date: 10/12/2021