



Wallenius Wilhelmsen Solutions At-Berth Terminal Plan

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

1. GENERAL INFORMATION	
Terminal Contact Name: Peter Bresnee	
Phone Number: 310-847-4545	Email: peter.bresnee@walwil.com
<i>Berths Included in this Plan:</i>	
<u>Name:</u>	<u>Approximate Geographic Boundary Coordinates:*</u>
1. Berth 196-199	1. Lat: 33.7689 Lon: 118.2522
<i>*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.</i>	
2. STRATEGY DETAILS	
<i>Strategy/strategies used to comply with the requirements for ocean-going vessels visiting each berth:</i>	
1. Shore Power emission control strategy using conventional power from LADWP	
2.1 [Strategy 1]	
<i>Identification and description of all necessary equipment:</i>	
<u>Equipment:</u>	<u>Location:</u>
1. Underground conduit from power source	1. Substation to Wharf
2. Dual Voltage Switchgear & Transformer	2. Wharf
3. Moveable Power Connection Point	3. Wharf
Number of vessels expected to use this strategy (annual): 35~40	
<i>Berths where equipment will be used:</i>	
1. Berth 196-199	
<i>Schedule for installing equipment:</i>	
<u>Project:</u>	<u>Estimated Completion Date:</u>
1. Underground conduit from power source	1. Q3 2024
2. Dual Voltage Switchgear & Transformer	2. Q4 2024
3. Moveable Power Connection Point	3. Q1 2025
3. TERMINAL/PORT BERTHING RESTRICTIONS	
<i>Are there any terminal or port specific berthing restrictions? If yes, please describe.</i>	
All vessels required to berth starboard-side to.	
Only one Berth will have power therefore scheduling FIFO starting 2025.	



4. DIVISION OF ROLES AND RESPONSIBILITIES

Division of responsibilities for enacting infrastructure:

Port:

Initiation of shore power construction including design and permits.
Installation of all material for an end to end solution from LADWP substation to Vessel connection point.

Terminal:

Inform Port when the PCC voltage requirements are agreed upon by the International community.

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

As of 2021 there is no international standard regarding PCC voltage requirements.

Port approval of responsibilities:

By signing below, the port's responsible officer confirms that he/she has reviewed the division of responsibilities and agrees to them under penalty of perjury.

Name: Michael DiBernardo

Title: Deputy Executive Director

Port: Port of Los Angeles

Signature: *Michael DiBernardo*

Date: 11/15/2021

5. SIGNATURES

By signing below, the terminal's responsible officer confirms that he/she has reviewed this plan under penalty of perjury and understands this plan is subject to verification by CARB staff.

Name: Peter Bresnee

Title: General Manager Los Angeles VPC

Signature:

Date: 9/8/2021