



Shell Oil Products US  
Carson Distribution Complex  
20945 S. Wilmington Ave.  
Carson, CA 90810-1039

January 19, 2024

Ms. Bonnie Soriano  
BRANCH CHIEF, FREIGHT ACTIVITY BRANCH  
CALIFORNIA AIR RESOURCES BOARD  
1001 I STREET  
SACRAMENTO, CA 95812

**Re: Control Measure for Ocean-Going Vessels at Berth  
Equilon Enterprises LLC dba Shell Oil Products US  
Mormon Island Terminal Plan Update**


Dear Bonnie Soriano:

Please find attached Shell Oil Products US updated Terminal Plan submittal to meet the requirements set forth in section 93130.14(a)(3)(F) of the Control Measure for Ocean-Going Vessels At Berth Regulation by including a schedule completion date for the strategies used to comply with the regulation. The updated Terminal Plan is supported by the Port of Los Angeles and included in their Port-wide submission update.

Please call Chris Sherman if you have any questions at (310) 816-6025.

Yours truly,

Lee Cheatham  
Trading and Supply Operations   
Distribution Operations Manager  
Shell Oil Products US  
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## Shell Mormon Island -Berths 167-169 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: Lee Cheatham	
Phone Number: 832.337.7040	Email: Lee.Cheatham@SHELL.com
<i>Berths Included in this Plan: Shell Mormon Island Terminal</i>	
<u>Name:</u>	<u>Approximate Geographic Boundary Coordinates:</u> *
1. Berth 168	1. Latitude 33 degrees 45.242 minutes N Longitude 118 degrees 16.072 minutes W
<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	
Strategy/strategies used to comply with the requirements for ocean-going vessels visiting each berth:	
<ol style="list-style-type: none"> <li>1. Barge-based CARB Approved Emission Capture and Control Equipment</li> <li>2. Complimentary to Strategy 1 Barge-based CARB Approved Emission Capture and Control Equipment, utilize CAECS providers and associated equipment with approved Innovative Concepts Strategy to control non-regulated OSV emissions with CAECS equipment to produce emissions credits. These credits would be available for use in situations where the tanker emissions could not be controlled due to availability of primary CAECS operator, tanker stack configuration, etc.</li> </ol>	
2.1 [Strategy 1]	
<i>Identification and description of all necessary equipment:</i>	
<u>Equipment:</u>	<u>Location:</u>
1. Barge-based CAECS Third Party operator provided emission capture and control equipment	1. Berth 168
Number of vessels expected to use this strategy (annual): 100	
<i>Berths where equipment will be used:</i>	
1. Berth 168	
<i>Schedule for installing equipment:</i>	
<u>Project:</u>	<u>Estimated Completion Date:</u>
1. Contract services with a capture & control system	1. Prior to January 1, 2025
2. Tanker Capture and Control Equipment	2. April 1, 2025*
	*Contingent upon Technology



development for safe tanker operations and certified by CARB

**2.2 [Strategy 2, if needed]**

*Identification and description of all necessary equipment:*

Equipment:

Location:

1. Barge-based CAECS Third Party operator provided emission capture and control equipment with an approved Innovative Concepts application for capture of unregulated emissions and viable market credit system.

1. Various locations in Port

Number of vessels expected to use this strategy (annual): 20

*Berths where equipment will be used:*

1. Oil Terminals
2. Anchorage
3. Bulk Terminals

*Schedule for installing equipment:*

Project:

Estimated Completion Date:

1. Use of approved innovative concept by barge-based CAECS Third Party operator
2. Tanker Capture and Control Equipment

1. January 1, 2025\*  
\* Contingent upon: (1) the CAECS providers in the Port of LA receiving approval from CARB of an "Innovative Concept" alternative emission reduction program resulting in emission credits and technology development for safe tanker operations and CARB certification, (2)having marketable credit system available in the market, (3) successful negotiations with CAECS provider.
2. April 1, 2025\*  
\*Contingent upon technology development for safe tanker operations and certified by CARB

**3. TERMINAL/PORT BERTHING RESTRICTIONS**

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

If a barge based CAECS is used, CAECS Equipment will be located aft of the stern or along starboard side of tanker. For larger tankers 50- 80K DWT tankers, CAECS Equipment may impinge on Rio Tinto lease or navigation lines in the channel.



#### 4. DIVISION OF ROLES AND RESPONSIBILITIES

*Division of responsibilities for enacting infrastructure:*

Port:

- Permit the operation of Emission Control Barge in POLA waterways.

Terminal:

- Contract with 3<sup>rd</sup> party CAECS service provider.
- Require use of the 3<sup>rd</sup> party CAECS service provider on vessels that call to terminal.

*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: Jan 24, 2024

#### 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: Lee Cheatham

Title: Distribution Operations Manager

Signature: *Lee Cheatham*

Date: 1/22/24