

Appendix F

List of Public Workshops, Meetings, Phone Calls, Conferences, Site Visits, and Vessel Tours Supporting the Public Process for Development of the Proposed Regulation

Date of Release: October 15, 2019
Date of Hearing: December 5, 2019

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APPENDIX F. LIST OF PUBLIC WORKSHOPS, MEETINGS, PHONE CALLS, CONFERENCES, SITE VISITS, AND VESSEL TOURS SUPPORTING THE PUBLIC PROCESS FOR DEVELOPMENT OF THE PROPOSED REGULATION

During the development of the Proposed Regulation, CARB staff conducted numerous meetings with members of impacted communities, environmental justice advocates, industry stakeholders (including vessel operators, ports, terminal operators, industry associations, and alternative technology operators), and public agencies (including Air Districts, U.S. Coast Guard, and California State Lands Commission). Meeting formats included public workshops, work group meetings, community meetings, and meetings with individual stakeholders.

These meetings were held in-person at a variety of locations, including at the Cal/EPA headquarters building in Sacramento, California, and in-person visits to ports/terminals and community forums, and also through webinars and phone calls. At these meetings, staff gave presentations on specific regulatory concepts and solicited comments and feedback from affected stakeholders. The below tables are a comprehensive look at CARB staff’s informal meetings, calls, work groups, public workshops, and field trips undertaken during the development process for the Proposed Regulation:

Table F-1: List of Public Workshops, Meetings, Phone calls, and Site Visits

Date	Purpose of Meeting	Primary Meeting Attendees	Type of Meeting	Location of Meeting
November 6, 2014	Regulatory development	General public, industry, public agency staff	Public workshop	Cal/EPA Building, Sacramento
November 3, 2015	Informational/Outreach	Delegation from Shenzhen, International Council on Clean Transportation	In-person meeting	Cal/EPA Building, Sacramento
December 2, 3015	Informational/Outreach	U.S. Coast Guard Industry Day	In-person meeting	Alameda, California
January 26, 2016	Regulatory development	Pacific Merchant Shipping Association	Phone call	N/A

Date	Purpose of Meeting	Primary Meeting Attendees	Type of Meeting	Location of Meeting
March 21, 2016	Informational/Outreach	Chinese Delegation	In-person	Cal/EPA Building, Sacramento
April 20, 2016	Regulatory development	California Natural Resources Agency, California Department of Fish and Game, California Office of Spill Prevention & Response	In-person meeting	Cal/EPA Building, Sacramento
May 12, 2016	Informational	Chevron – El Segundo	Phone call	N/A
June 7, 2016	Regulatory development	California State Lands Commission	Phone call	N/A
June 22, 2016	Informational/Outreach	Future Ports Conference	Conference	Long Beach, California
June 30, 2016	Regulatory development	Pacific Merchant Shipping Association; Western States Petroleum Association; Ports of Long Beach, Los Angeles, Stockton; U.S. Coast Guard, California State Lands Commission; California Office of Spill Prevention & Response; Industry: Chevron, Maersk, Shell, Tesoro, Valero	In-person meeting	Cal/EPA Building, Sacramento
July 28, 2016	Regulatory development	Western States Petroleum Association	Phone call	N/A

Date	Purpose of Meeting	Primary Meeting Attendees	Type of Meeting	Location of Meeting
August 10, 2016	Regulatory development	Port of Hueneme	In-person meeting	Cal/EPA Building, Sacramento
August 17, 2016	Informational/Outreach	Transmarine Navigation Corp.	In-person	Cal/EPA Building, Sacramento
August 23, 2016	Informational/Regulatory development	Maersk (container shipping line)	In-person	Cal/EPA Building, Sacramento
August 23, 2016	Regulatory development	Port of San Diego	Phone call	N/A
September 16, 2016	Technology/Informational	MAN Diesel & Turbo	In-person	Cal/EPA Building, Sacramento
September 27, 2016	Informational/Outreach	California State Lands Commission Prevention First Symposium	In-person	Long Beach, California
September 29, 2016	Site visit	Port of Hueneme	In-person meeting	Hueneme, California
October 4, 2016	Site visit	Port of West Sacramento	In-person meeting, Tour - bulk vessel	West Sacramento, California
October 6, 2016	Site visit	Port of Oakland	In-person meeting	Oakland, California
October 18, 2016	Regulatory development	Pacific Merchant Shipping Association	In-person meeting	Cal/EPA Building, Sacramento
November 28, 2016	Technology/Informational	Corvus Energy	In-person meeting	Cal/EPA Building, Sacramento
November 28, 2016	Informational/Outreach	U.S.-China Green Ports and Vessels Initiative; attendees included U.S. EPA and China's Ministry of Transport	Conference	Long Beach, California

Date	Purpose of Meeting	Primary Meeting Attendees	Type of Meeting	Location of Meeting
November 30, 2016	Informational/Outreach	Sustainable Freight Advisory Committee work group	In-person meeting	Los Angeles, California
December 9, 2016	Regulatory development	Pacific Merchant Shipping Association	In-person meeting	Cal/EPA Building, Sacramento
December 13, 2016	Site visit, Regulatory development	Chevron	In-person meeting, Tour - tanker vessel	Chevron Refinery, Richmond, California
January 5, 2017	Technology/Informational	STAX Engineering	In-person meeting	Cal/EPA Building, Sacramento
January 25, 2017	Regulatory development	Pacific Merchant Shipping Association	Phone call	N/A
February 9, 2017	Informational/Outreach	Northern California Harbor Safety Committee Meeting	In-person meeting	San Francisco California
February 14, 2017	Informational	Seaspan	In-person meeting	Cal/EPA Building, Sacramento
February 15, 2017	Informational	Maritime Leadership Symposium	Conference	Citizen Hotel, Sacramento
February 15, 2017	Regulatory development	Port of Hueneme	In-person meeting	Cal/EPA Building, Sacramento
February 22, 2017	Informational/Outreach	Northern California State Lands Commission Customer Service Meeting	In-person meeting	Martinez, California
March 23, 2017	Informational/Outreach	Southern California State Lands Commission Customer Service Meeting	In-person meeting	Wilmington, California
April 4, 2017	Regulatory development	Tesoro site visit	In-person meeting	Port of Long Beach

Date	Purpose of Meeting	Primary Meeting Attendees	Type of Meeting	Location of Meeting
April 17, 2017	Regulatory development	Pacific Merchant Shipping Association	Phone call	N/A
April 20, 2017	Informational	U.S. EPA	Phone call	N/A
May 3, 2017	Regulatory development	Cruise Line International Association	Phone call	N/A
May 11, 2017	Regulatory development	Tesoro site visit	In-person meeting	Tesoro Martinez Refinery, Martinez, California
May 15, 2017	Regulatory development	Pacific Merchant Shipping Association	Phone call	N/A
June 27, 2017	Regulatory development	Port of Oakland	In-person meeting	Cal/EPA Building, Sacramento
July 12, 2017	Regulatory development	Pacific Merchant Shipping Association; Cruise Lines International Association; Western States Petroleum Association; Ports of Hueneme, Oakland, San Diego, San Francisco; Terminal operators: Eagle Marine Services, SSA Marine Terminals, Yusen Terminals; Industry members APL, CMA CGM, Hamburg Sud, Hapag-Lloyd, Maersk, MOL, NYK, OOCL, Tesoro	In-person meeting	Cal/EPA Building, Sacramento

Date	Purpose of Meeting	Primary Meeting Attendees	Type of Meeting	Location of Meeting
July 13, 2017	Technology/Informational	Alfa Laval	Phone call	N/A
July 25, 2017	Regulatory development	Ports of Long Beach and Los Angeles	In-person meeting	Cal/EPA Building, Sacramento
July 28, 2017	Regulatory development	Port of Oakland	Phone call	N/A
August 3, 2017	Informational/Outreach	Maritime Symposium with Norwegian Minister of Climate and Environment; attendees included U.S. EPA, U.S. Coast Guard, various industry and other public and government agency representatives	Conference	Port of San Francisco
August 8, 2017	Regulatory development	Pacific Merchant Shipping Association	Phone call	N/A
August 11, 2017	Community outreach	California Cleaner Freight Coalition	Phone call	N/A
August 28, 2017	Regulatory development	At Berth Regulation Public Workshop	Workshop	Port of Los Angeles
August 31, 2017	Regulatory development	United States Coast Guard 11 th District	In-person meeting	Cal/EPA Building, Sacramento
September 6, 2017	Regulatory development	Maersk (container shipping line)	In-person meeting	Cal/EPA Building, Sacramento
September 7, 2017	Regulatory development	World Shipping Council	In-person meeting	Cal/EPA Building, Sacramento

Date	Purpose of Meeting	Primary Meeting Attendees	Type of Meeting	Location of Meeting
September 7, 2017	Regulatory development	At Berth Regulation Public Workshop	In-person meeting	Cal/EPA Building, Sacramento
September 7, 2017	Regulatory development	Maersk (container shipping line)	In-person meeting	Cal/EPA Building, Sacramento
September 8, 2017	Regulatory development	Seaspan	In-person meeting	Cal/EPA Building, Sacramento
September 15, 2017	Regulatory development	Wan Hai Lines	In-person meeting	Cal/EPA Building, Sacramento
September 15, 2017	Regulatory development	Maersk (container shipping line)	Phone call	N/A
September 18, 2017	Community outreach	General public, industry members	In-person meeting	Lamont, Long Beach, Fontana and Oakland
September 19, 2017	Community outreach	General public, industry members	In-person meeting	Port of Long Beach
September 20, 2017	Regulatory development, Site visit	Port of Hueneme	In-person meeting	Port of Hueneme
September 26, 2017	Site visit	Oakland International Container Terminal	Tour – container vessel	Port of Oakland
October 5, 2017	Regulatory development	Port of Hueneme and CARB Emissions Inventory staff	Phone call	N/A
October 5, 2017	Regulatory development	Ventura County Air Pollution Control District	Phone call	N/A
October 10, 2017	Regulatory development, Site visit	Port of Los Angeles	In-person meeting	Port of Los Angeles
October 10, 2017	Regulatory development, Site visit	Port of Long Beach	In-person meeting	Port of Long Beach
October 10, 2017	Regulatory development	Maersk (container shipping line)	In-person meeting	Cal/EPA Building, Sacramento

Date	Purpose of Meeting	Primary Meeting Attendees	Type of Meeting	Location of Meeting
October 18, 2017	Informational	U.S. EPA	Phone call	N/A
October 20, 2017	Regulatory development	Maersk (container shipping line)	Phone call	N/A
October 24, 2017	Informational	Port of San Diego and San Diego Gas and Electric	Phone call	N/A
November 1, 2017	Regulatory development	Santa Barbara Harbor Committee meeting	In-person meeting	Cal/EPA Building, Sacramento
November 2, 2017	Technology/Informational	Amergent Techs	Phone call	N/A
November 3, 2017	Regulatory development	Port of San Diego	In-person meeting	Port of San Diego
November 6, 2017	Regulatory development	Wallenius Wilhelmsen Logistics, Pier F Terminal Operators, Pacific Merchant Shipping Association	In-person meeting	Port of Long Beach
November 6, 2017	Regulatory development, Site visit	Port of Los Angeles, Pasha terminal operators, Clean Air Engineering - Maritime	In-person meeting	Port of Los Angeles
November 7, 2017	Regulatory development, Site visit	Port of Richmond, Eagle Rock	In-person meeting	Port of Richmond
November 13, 2017	Regulatory development, Site visit	Port of San Diego, Pasha terminal operators	In-person meeting	Port of San Diego
November 14, 2017	Regulatory development	U.S. Coast Guard, Advanced Cleanup Technologies, Inc.,	In-person meeting	Cal/EPA Building, Sacramento

Date	Purpose of Meeting	Primary Meeting Attendees	Type of Meeting	Location of Meeting
		California State Lands Commission		
November 15, 2017	Informational, Regulatory development	Phone call with Port of San Diego and San Diego Gas and Electric	Phone call	N/A
November 20, 2017	Regulatory development	Western State Petroleum Association; Industry: Chevron, Shell, Andeavor	In-person meeting	Cal/EPA Building, Sacramento
November 27, 2017	Regulatory development	Canada Steamship Lines (CSL)/Dunlap Group meeting	Canada Steamship Lines (CSL)/Dunlap Group meeting	Cal/EPA Building, Sacramento
November 28, 2017	Informational/Outreach	Southeast Diesel Collaborative 12 th Annual Partner's Meeting	Phone call	N/A
January 11, 2018	Informational/Outreach	Northern California Harbor Safety Committee Meeting	In-person meeting	Richmond, California
January 18, 2018	Regulatory development	Wan Hai Lines meeting	In-person meeting	Cal/EPA Building, Sacramento
February 1, 2018	Regulatory development	U.S. Coast Guard	Phone call	N/A
February 2, 2018	Regulatory development, Site visit	Port of Stockton	In-person meeting	Port of Stockton
February 5, 2018	Regulatory development, Site visit	Port of Redwood City	In-person meeting, Tour - bulk vessel	Port of Redwood City

Date	Purpose of Meeting	Primary Meeting Attendees	Type of Meeting	Location of Meeting
February 7, 2018	Informational/Outreach	Southern California Harbor Safety Committee Meeting	In-person meeting	Los Angeles, California
February 13, 2018	Regulatory development	Maersk (container shipping line)	In-person meeting	Cal/EPA Building, Sacramento
February 14, 2018	Regulatory development	Pacific Merchant Shipping Association; World Shipping Council; Terminals: SSA Marine, Pasha Auto Services, Total Terminals International; Industry: CMA CGM, Hapag-Lloyd, Matson, MOL, OOCL	In-person meeting	Cal/EPA Building, Sacramento
February 15, 2018	Regulatory development	Pacific Merchant Shipping Association; World Shipping Council; Terminals: SSA Marine, Pasha Auto Services, Total Terminals International; Container industry members: CMA CGM, Hapag-Lloyd, Matson, MOL, OOCL	In-person meeting	Cal/EPA Building, Sacramento
February 20, 2018	Regulatory development	Pacific Merchant Shipping Association; World Shipping Council; Ports of Hueneme, San	In-person meeting	Cal/EPA Building, Sacramento

Date	Purpose of Meeting	Primary Meeting Attendees	Type of Meeting	Location of Meeting
		Diego, San Francisco; Ro-ro industry members: K-Line, NYK, Pasha		
February 21, 2018	Informational	California Ports Day	In-person meeting	State Capitol, Sacramento
February 27, 2018	Regulatory development	Cruise Line International Association; Cruise industry members: Carnival, Royal Caribbean	In-person meeting	Cal/EPA Building, Sacramento
February 28, 2018	Regulatory development	Western States Petroleum Association, Tanker industry members: Andeavor, Chevron, Phillips 66	In-person meeting	Cal/EPA Building, Sacramento
March 16, 2018	Regulatory development	Maersk (container shipping line)	Phone call	N/A
April 3, 2018	Regulatory development	Ports of Humboldt, Long Beach, Oakland, Redwood City, Richmond, San Diego, Stockton, West Sacramento	In-person meeting	Cal/EPA Building, Sacramento
April 10, 2018	Regulatory development	Port of San Francisco	Phone call	N/A
April 16, 2018	Informational/Outreach	Port of Vancouver	Phone call	N/A
April 17, 2018	Regulatory development	Port of Long Beach	Phone call	N/A

Date	Purpose of Meeting	Primary Meeting Attendees	Type of Meeting	Location of Meeting
April 18, 2018	Regulatory development	Pacific Merchant Shipping Association; Port of Redwood City; Bulk industry members: Canadian Steamship Lines, Yara, Frontier International Shipping, General Steamship Agents, PABCO, Eagle Rock, Lehigh Hanson	In-person meeting	Cal/EPA Building, Sacramento
April 23, 2018	Technology/Informational	Babcock & Wilcox (B&W)	Phone call	N/A
April 24, 2018	Site visit, Regulatory development	Pasha Terminal	In-person meeting	Port of Los Angeles
April 24, 2018	Regulatory development	Port of Los Angeles	In-person meeting	Port of Los Angeles
April 25, 2018	Site visit	Long Beach Container Terminal	Tour – container vessel	Port of Los Angeles
April 25, 2018	Informational, Regulatory development	San Pedro Bay Ports Sustainable Supply Chain Advisory Committee April Technical Meeting (Marine)	In-person meeting	Los Angeles, California
May 7, 2018	Regulatory development	Western States Petroleum Association	In-person meeting	Cal/EPA Building, Sacramento
May 8, 2018	Site visit, Regulatory development	Port of San Francisco	In-person meeting, Tour - ro-ro vessel	San Francisco, California
May 23, 2018	Regulatory development	World Shipping Council	Phone call	N/A

Date	Purpose of Meeting	Primary Meeting Attendees	Type of Meeting	Location of Meeting
June 6, 2018	Regulatory development	Western States Petroleum Association, California State Lands Commission, Advanced Cleanup Technologies, Inc., Clean Air Engineering – Maritime	In-person meeting	Cal/EPA Building, Sacramento
June 6, 2018	Regulatory development	Advanced Cleanup Technologies, Inc.	In-person meeting	Cal/EPA Building, Sacramento
June 7, 2018	Informational/Outreach	Port of Ulsan	Video conference call	N/A
June 8, 2018	Technology/Informational	MAN Diesel & Turbo, U.S. EPA	Phone call	N/A
June 8, 2018	Regulatory development	Port of Hueneme	Phone call	N/A
June 20, 2018	Regulatory development	Pacific Merchant Shipping Association	Phone call	N/A
June 21, 2018	Regulatory development	Phone call with Port of Oakland	Phone call	N/A
June 22, 2018	Regulatory development	Pacific Basin Shipping	Phone call	N/A
June 26, 2018	Regulatory development	Phone call with Clean Air Engineering - Maritime	Phone call	N/A
July 13, 2018	Community outreach	California Cleaner Freight Coalition	Phone call	N/A
July 13, 2018	Regulatory development	Air districts	Phone call	N/A
July 18, 2018	Informational/Outreach	Association of Pacific Port's Annual Conference	In-person	Stockton, California

Date	Purpose of Meeting	Primary Meeting Attendees	Type of Meeting	Location of Meeting
July 18, 2018	Informational/Outreach	California Air Pollution Control Officer's Toxics and Risk Managers Committee Meeting	Phone call	N/A
July 19, 2018	Regulatory development	Public webinar - various industry members	Webinar	N/A
July 24, 2018	Regulatory development	Ports of Los Angeles and Long Beach	Phone call	N/A
July 24, 2018	Regulatory development	Western States Petroleum Association; Industry: Alaska Tanker Company, Andeavor, Chevron, Phillips 66, Shell, Valero	In-person meeting	Cal/EPA Building, Sacramento
July 30, 2018	Technology/Informational	STAX Engineering	Phone call	N/A
August 8, 2018	Regulatory development	Ports of Los Angeles and Long Beach	Phone call	N/A
August 15, 2018	Regulatory development	Port of Hueneme	In-person meeting	Cal/EPA Building, Sacramento
August 15, 2018	Regulatory development	Maersk (container shipping line)	In-person meeting	Cal/EPA Building, Sacramento
August 15, 2018	Regulatory development	Cost work group, attendees included Pacific Merchant Shipping Association, various Ports and terminals	In-person meeting	Cal/EPA Building, Sacramento
August 15, 2018	Regulatory development	Cost work group, attendees included	In-person meeting	Cal/EPA Building, Sacramento

Date	Purpose of Meeting	Primary Meeting Attendees	Type of Meeting	Location of Meeting
		Pacific Merchant Shipping Association, various ocean carrier industry members		
August 15, 2018	Regulatory development	Meeting with Seaspan	In-person meeting	Cal/EPA Building, Sacramento
August 16, 2018	Regulatory development	Bulk industry members: Canadian Steamship Line, General Steamship Agents	In-person meeting	Cal/EPA Building, Sacramento
August 16, 2018	Regulatory development	Cost work group, attendees included with Western States Petroleum Association, various tanker industry members	In-person meeting	Cal/EPA Building, Sacramento
August 21, 2018	Informational/Outreach	California Air Pollution Control Officer's Toxics and Risk Managers Committee Meeting	Phone call	N/A
August 23, 2018	Technology/Informational	Advanced Cleanup Technologies, Inc.	Phone call	N/A
August 30, 2018	Technology/Informational	Clean Air Engineering - Maritime	Phone call	N/A
September 6, 2018	Regulatory development	Public Workshop with Industry and Staff	Workshop	Elihu M. Harris State Building in Oakland
September 17, 2018	Regulatory development	Public Workshop with Industry and Staff	Workshop	Port of Los Angeles
September 18, 2018	Site visit	Port of Long Beach, Berth T121	In-person meeting	Port of Long Beach

Date	Purpose of Meeting	Primary Meeting Attendees	Type of Meeting	Location of Meeting
September 18, 2018	Regulatory development	K-Line Meeting	In-person meeting	PMSA Office, Long Beach
September 20, 2018	Informational/Outreach	Meeting with John Kaltenstein, Senior Policy Analyst with Friends of the Earth	Phone call	N/A
September 25, 2018	Regulatory development	Port of Hueneme	Phone call	N/A
September 28, 2018	Regulatory development	Andeavor	Phone call	N/A
October 8, 2018	Regulatory development	Port of Long Beach	Phone call	N/A
October 10, 2018	Regulatory development	Port of Los Angeles	Phone call	N/A
October 11, 2018	Informational/Outreach	CARB Presentation for ABB User Group Meeting	Phone call	N/A
October 12, 2018	Community Outreach	California Cleaner Freight Coalition	Phone call	N/A
October 17, 2018	Technology/Informational	Cavotec	In-person meeting	Cal/EPA Building, Sacramento
October 18, 2018	Regulatory development	Pacific Merchant Shipping Association, World Shipping Council, Cruise Line International Association, California Association of Port Authorities	Phone call	N/A
November 1, 2018	Regulatory development	World Shipping Council	Phone call	N/A

Date	Purpose of Meeting	Primary Meeting Attendees	Type of Meeting	Location of Meeting
November 6, 2018	Regulatory development	Meeting with Western State Petroleum Association, tanker industry members	In-person meeting	Cal/EPA Building, Sacramento
November 8, 2018	Regulatory development	Pacific Merchant Shipping Association, World Shipping Council, Cruise Line International Association, California Association of Port Authorities	Phone call	N/A
November 9, 2018	Informational, Regulatory development	South Coast Air Quality Management District	Phone call	N/A
November 15, 2018	Regulatory development	CMA CGM (container shipping line)	Phone call	N/A
November 15, 2018	Community outreach	Bayview Community meeting	In-person meeting	San Francisco, California
November 29, 2018	Regulatory development	Call with CMA CGM (container shipping line)	Phone call	N/A
December 3, 2018	Informational/Outreach	U.S.-China Green Ports and Vessels Initiative; attendees included U.S. EPA and China's Ministry of Transport	Conference	Long Beach, California
December 5, 2018	Informational/Outreach	South Coast Air Quality Management District Ocean-Going Vessel	Conference	Diamond Bar, California

Date	Purpose of Meeting	Primary Meeting Attendees	Type of Meeting	Location of Meeting
		Retrofit Technology Forum, attendees included U.S. EPA, Air Districts, various industry members		
December 14, 2018	Informational/Outreach	China's Ministry of Transport, Transportation Planning Research Institute	In-person meeting	Cal/EPA Building, Sacramento
January 9, 2019	Regulatory development, Site visit	Port of Long Beach	In-person meeting	Port of Long Beach
January 11, 2019	Community outreach	California Cleaner Freight Coalition	Phone call	N/A
January 23, 2019	Regulatory development	Port of Long Beach	In-person meeting	Port of Long Beach
January 24, 2019	Regulatory development	Chevron, CARB Emissions Inventory	Phone call	N/A
February 1, 2019	Regulatory development	Call with San Francisco Bar Pilots	Phone call	N/A
February 6, 2019	Regulatory development	Western States Petroleum Association	In-person meeting	Cal/EPA Building, Sacramento
February 8, 2019	Regulatory development	Port of Oakland	Phone call	N/A
February 13, 2019	Regulatory development	Call with SSA Terminal at Port of Long Beach	Phone call	N/A
February 13, 2019	Informational/Outreach	Oil Companies International Marine Forum Presentation	Video conference call	Cal/EPA Building, Sacramento
February 13, 2019	Regulatory development	Everport Container Terminal at Port of Los Angeles	Phone call	N/A

Date	Purpose of Meeting	Primary Meeting Attendees	Type of Meeting	Location of Meeting
February 15, 2019	Regulatory development	Total Terminals International at Port of Long Beach	Phone call	N/A
February 15, 2019	Regulatory development	Pacific Container Terminal at Port of Long Beach	Phone call	N/A
February 19, 2019	Regulatory development	Port of Los Angeles Harbor Pilots	Phone call	N/A
February 19, 2019	Regulatory development	Jacobson Pilots (Port of Long Beach pilot service)	Phone call	N/A
February 20, 2019	Informational/Outreach	Maritime Leadership Symposium, attendees included government authorities, public agencies, industry, members of the general public	Conference	Citizen Hotel, Sacramento
February 20, 2019	Regulatory development	Long Beach Container Terminal at Port of Long Beach	Phone call	N/A
February 21, 2019	Regulatory development	TraPac Terminal at Port of Los Angeles	Phone call	N/A
February 22, 2019	Regulatory development	West Basin Container Terminal at Port of Los Angeles	Phone call	N/A
February 25, 2019	Regulatory development	Maersk (container shipping line)	In-person meeting	Cal/EPA Building, Sacramento

Date	Purpose of Meeting	Primary Meeting Attendees	Type of Meeting	Location of Meeting
February 26, 2019	Regulatory development	Pacific Merchant Shipping Association; World Shipping Council; Western States Petroleum Association; various ports and terminal staff; various industry members	In-person meeting	Cal/EPA Building, Sacramento
February 26, 2019	Regulatory development	OGV Inventory Workshop	In-person meeting	Cal/EPA Building, Sacramento
February 27, 2019	Regulatory development	Pacific Merchant Shipping Association; World Shipping Council; various ports and non-tanker terminal staff; various non-tanker industry members	In-person meeting	Cal/EPA Building, Sacramento
February 27, 2019	Regulatory development	Western States Petroleum Association; various ports and tanker industry members	In-person meeting	Cal/EPA Building, Sacramento
March 4, 2019	Regulatory development	Port of Stockton	Phone call	N/A
March 4, 2019	Regulatory development	Pacific Merchant Shipping Association	Phone call	N/A
March 8, 2019	Regulatory development	California Cleaner Freight Coalition	Phone call	N/A
March 11, 2019	Regulatory development	Phillips 66 meeting	Phone call	N/A
March 11, 2019	Regulatory development	Marathon/Andeavor meeting	Phone call	N/A

Date	Purpose of Meeting	Primary Meeting Attendees	Type of Meeting	Location of Meeting
March 11, 2019	Regulatory development	Port of Long Beach	Phone call	N/A
March 13, 2019	Regulatory development	Port of Los Angeles	Phone call	N/A
March 14, 2019	Informational/Outreach	Northern California Harbor Safety Committee meeting	In-person meeting	Port of Oakland
March 18, 2019	Regulatory development	Chevron	Phone call	N/A
March 18, 2019	Regulatory development, Site visit	Shell Martinez meeting	In-person meeting	Martinez, California
March 20, 2019	Regulatory development	Valero	Phone call	N/A
March 27, 2019	Regulatory development	California State Lands Commission	Phone call	N/A
April 3, 2019	Technology/Site visit	Clean Air Engineering - Maritime, Tri-Mer, and Port of Los Angeles (Shorekat demonstration)	In-person meeting	Port of Los Angeles
April 3, 2019	Technology/Informational	Clean Air Engineering - Maritime, Tri-Mer, Marathon Petroleum, and Port of Long Beach	In-person meeting	Port of Long Beach
April 5, 2019	Informational	International Council on Clean Transportation	Phone call	N/A
April 8, 2019	Technology/Informational	Clean Air Engineering – Maritime	Phone call	N/A

Date	Purpose of Meeting	Primary Meeting Attendees	Type of Meeting	Location of Meeting
April 10, 2019	Informational	Pacific Gas & Electric	Phone call	N/A
April 12, 2019	Technology/Informational	MKO Consulting meeting	In-person meeting	Cal/EPA Building, Sacramento
April 16, 2019	Regulatory development	Western States Petroleum Association, California State Lands Commission, Clean Air Engineering – Maritime, Tri-Mer Corporation, U.S. Coast Guard	In-person meeting	Cal/EPA Building, Sacramento
April 16, 2019	Technology/Regulatory development	Clean Air Engineering – Maritime and Tri-Mer Corporation	In-person meeting	Cal/EPA Building, Sacramento
April 16, 2019	Regulatory development	Western States Petroleum Association, California State Lands Commission, Advanced Cleanup Technologies, Inc., U.S. Coast Guard	In-person meeting	Cal/EPA Building, Sacramento
April 25, 2019	Regulatory development	Pacific Merchant Shipping Association	Phone call	N/A
April 29, 2019	Regulatory development	Port of Hueneme	Phone call	N/A
May 1, 2019	Regulatory development	Port of San Francisco	Phone call	N/A
May 2, 2019	Regulatory development	Ports of Long Beach, Los Angeles, Oakland	Phone call	N/A

Date	Purpose of Meeting	Primary Meeting Attendees	Type of Meeting	Location of Meeting
May 6, 2019	Regulatory development	Port of San Francisco	Phone call	N/A
May 10, 2019	Community outreach	California Cleaner Freight Coalition	Phone call	N/A
May 14, 2019	Regulatory development	Public Workshop, various attendees	Workshop/Webcast	Cal/EPA Building, Sacramento
May 16, 2019	Regulatory development	Public Workshop, various attendees	Workshop	Port of Los Angeles
May 23, 2019	Regulatory development	Port of San Diego	Phone call	N/A
May 23, 2019	Technology/Informational	IGUS Engineering	In-person meeting	Cal/EPA Building, Sacramento
May 29, 2019	Regulatory development	Meeting with World Shipping Council, various industry members, Maersk, Crowley, CMA CGM	In-person meeting	Cal/EPA Building, Sacramento
May 29, 2019	Regulatory development	Maersk (container shipping line)	In-person meeting	Cal/EPA Building, Sacramento
June 3, 2019	Regulatory development	Cruise Line Industry Association, Industry, Port of San Francisco, California Association of Port Authorities	In-person meeting	Cal/EPA Building, Sacramento
June 3, 2019	Technology/Informational	Golden Gate Zero Emission Marine	In-person meeting	Cal/EPA Building, Sacramento
June 6, 2019	Regulatory development	Phillips 66	Phone call	N/A
June 6, 2019	Regulatory development	Marathon	Phone call	N/A

Date	Purpose of Meeting	Primary Meeting Attendees	Type of Meeting	Location of Meeting
June 10, 2019	Regulatory development	Chevron	In-person meeting	Cal/EPA Building, Sacramento
June 11, 2019	Regulatory development	Ports of Long Beach and Los Angeles	Phone call	N/A
June 11, 2019	Regulatory development	Valero	Phone call	N/A
June 11, 2019	Informational	Bay Area Air Quality Management District, Bay Area Conservation and Development Commission, Tioga Group, Port of Oakland	In-person meeting, phone call	Cal/EPA Building, Sacramento
June 13, 2019	Technology/Informational	Clean Air Engineering – Maritime, Tri-Mer	Phone call	N/A
June 14, 2019	Community outreach	California Cleaner Freight Coalition	Phone call	N/A
July 8, 2019	Regulatory development	World Shipping Council	Phone call	N/A
July 10, 2019	Informational/Outreach	Home Rule Advisory Group, attendees included Air Districts and community advocacy groups	Phone call	N/A
July 11, 2019	Technology/Informational	IGUS Engineering Meeting	In-person meeting	CAL/EPA Building, Sacramento
July 11, 2019	Regulatory development	California State Lands Commission	Phone call	N/A
July 12, 2019	Informational	U.S. EPA	Phone call	N/A
July 17, 2019	Regulatory development	Port of Los Angeles	Phone call	N/A

Date	Purpose of Meeting	Primary Meeting Attendees	Type of Meeting	Location of Meeting
July 18, 2019	Regulatory development	Western States Petroleum Association, tanker industry members	In-person meeting	Cal/EPA Building, Sacramento
July 30, 2019	Regulatory development	Ports of Long Beach and Los Angeles	In-person meeting	Cal/EPA Building, Sacramento

Table F-2: Site Visits and Vessel Tours

Date	Visit/Tour Location
September 29, 2016	Port of Hueneme site tour
October 4, 2016	Port of West Sacramento site tour, bulk vessel tour
October 6, 2016	Port of Oakland site tour
December 13, 2016	Chevron Richmond site visit, tanker vessel tour
January 30, 2017	Port of Los Angeles TraPac Terminal tour
April 4, 2017	Southern California Tesoro tanker tour
May 11, 2017	Northern California Tesoro tanker tour
September 20, 2017	Port of Hueneme site tour
September 26, 2017	Port of Oakland - CMA CGM vessel tour
October 10, 2017	Port of Los Angeles site tour
October 10, 2017	Port of Long Beach site tour
November 6, 2017	Port of Long Beach Pasha Terminal and Pier F site tours
November 7, 2017	Port of Richmond site tour
November 13, 2017	Port of San Diego, Pasha site tour
February 2, 2018	Port of Stockton site tour
February 5, 2018	Port of Redwood City tour, bulk vessel tour
April 24, 2018	Port of Long Beach Green Omni Pasha Terminal tour
April 25, 2018	Long Beach Container Terminal, container vessel tour

May 8, 2018	Port of San Francisco site tour, ro-ro vessel tour
September 18, 2018	Port of Long Beach Andeavor Berth T121 tanker tour
January 9, 2019	Port of Los Angeles Shell Terminal berth 168-169 site tour
March 18, 2019	Shell Martinez Terminal tour
April 3, 2019	Shorekat Demonstration at Port of Los Angeles