

Chapter 11
Acronyms and Abbreviations

Acronym/Abbreviation	Definition
°F	degrees Fahrenheit
µg/m ³	micrograms per cubic meter
AB	Assembly Bill
ACC	Advanced Clean Cars
ACP	Area Contingency Plan
AFF	American FactFinder
AIChE	American Institute of Chemical Engineers
AMP	alternative maritime power
AMECS	Advanced Maritime Emission Control System
API	American Petroleum Institute
APN	Los Angeles County Assessor's Parcel Number
AQMP	Air Quality Management Plan
ATB	Articulated Tug Barges
ATCM	Air Toxic Control Measure
BACT	Best Available Control Technology
bb1	barrels
BCC	Birds of Conservation Concern
BMPs	Best Management Practices
BOD	biological oxygen demand
Bph	barrels per hour
BSFC	brake-specific fuel consumption
CAA	Clean Air Act
CAAP	Clean Air Action Plan
CAAP Update	2016 San Pedro Bay Ports Clean Air Action Plan
CAAQS	California Ambient Air Quality Standards
CAT	Climate Action Team
CalEPA	California Environmental Protection Agency
CARB	California Air Resources Board
CBP	Customs and Border Protection
CCAA	California Clean Air Act
CCAR	California Climate Action Registry

Acronym/Abbreviation	Definition
CCC	California Coastal Commission
CCR	California Code of Regulations
CDF	confined disposal facility
CDFG	California Department of Fish and Game
CDFW	California Department of Fish and Wildlife
CEC	California Energy Commission
CEQA	California Environmental Quality Act
CESA	California Endangered Species Act
CFCs	chlorofluorocarbons
CFR	Code of Federal Regulations
CMP	Congestion Management Plan
CMP	Clean Marinas Program
CNAs	Controlled Navigation Areas
CNDDDB	California Natural Diversity Database
CNRA	California Natural Resources Agency
CO	carbon monoxide
CO ₂	carbon dioxide
CO ₂ e	carbon dioxide equivalent
Coastal Act	California Coastal Act of 1976
Co-CAT	Coastal and Ocean Working Group of the California Climate Action Team
COD	chemical oxygen demand
CSFM	California State Fire Marshall
CSLC	California State Lands Commission
CWA	Clean Water Act
CWC	California Water Code
CZMA	Coastal Zone Management Act
DA	Department of the Army
dB	Decibel
DO	dissolved oxygen
DOT	Department of Transportation
DPM	diesel particulate matter
DTSC	Department of Toxic Substances Control
Dwt	deadweight tonnage
ECA	Emission Control Area
EEZ	Exclusive Economic Zone
EFH	Essential Fish Habitat
EIR	Environmental Impact Report
EIS	Environmental Impact Statement
EO	Executive Order

Acronym/Abbreviation	Definition
ESA	Endangered Species Act
ESI	Environmental Ship Index
FEIR	Final Environmental Impact Report
FP	Fully Protected
FR	Federal Register
FSP	Facility Security Plan
GDP	gross domestic product
GHG	greenhouse gas
GIASP	General Industrial Activities Stormwater Permit
GVWR	gross vehicle weight rating
GWP	global warming potential
Harbor	Los Angeles Harbor
HARP2	Hotspots Analysis and Reporting Program v. 2
HC	Hydrocarbon
HFCs	Hydrofluorocarbons
Hp	Horsepower
HRA	health risk assessment
HSC	Harbor Safety Committee
I-	Interstate
I-110	Harbor Freeway
I-405	San Diego Freeway
I-710	Long Beach Freeway
ICTF	Intermodal Container Transfer Facility
IGS	inert gas system
ILWU	International Longshore and Warehouse Union
IMO	International Maritime Organization
IMPLAN	IMPact analysis for PLANning
IRP	Power Integrated Resources Plan
IS	Initial Study
ISPS	International Ship and Port Facility Security
ITB	Integrated Tugboat Barge
ITOL	Industry Taskforce on Offshore Lightering
ITOPF	International Tanker Owner Pollution Federation
IWG	Interagency Working Group
kW	Kilowatt
KW/m ²	kilowatts per square meter
LA Green Code	Green Building Standards Code
LA/LB Harbor	Los Angeles and Long Beach Harbor
LADOT	Los Angeles Department of Transportation
LADWP	Los Angeles Department of Water and Power

Acronym/Abbreviation	Definition
LAFD	Los Angeles Fire Department
LAHD	Los Angeles Harbor Department
LA/LB VTS	Los Angeles/Long Beach Vessel Traffic Service
LAPD	Los Angeles Police Department
LARWQCB	Los Angeles Regional Water Quality Control Board
Lbs	Pounds
lbs/day	pounds per day
LCFS	Low Carbon Fuel Standard
LED	light-emitting diode
LEED™	Leadership in Energy and Environmental Design
LEV	Low-Emission Vehicle
LID	Low Impact Development
LM	Lease Measure
LNM	Local Notice to Mariners
LST	localized significance thresholds
m ²	square meter
MD	mooring dolphin
MARPOL	International Convention for the Prevention of Pollution from Ships
MARSEC	Maritime Security
MATES III	Multiple Air Toxics Exposure Study III
MATES IV	Multiple Air Toxics Exposure Study IV
MBTA	Migratory Bird Treaty Act
MD	Mooring Dolphin
MDO	marine diesel oil
MGO	marine gas oil
MM	Mitigation Measure
MMbbl/yr	million barrels per year
MMPA	Marine Mammal Protection Act
MMRP	Mitigation Monitoring and Reporting Program
MND	Mitigated Negative Declaration
MOA	Memorandum of Agreement
MOE	measure of effectiveness
MOTEMS	Marine Oil Terminal Engineering and Maintenance Standards
MOU	Memorandum of Understanding
MPA	Marine Protected Area
Mpg	miles per gallon
Mty	metric tons per year
MS4	municipal separate storm sewer system
MSRC	Marine Spill Response Corporation
MTSA	Maritime Transportation Security Act

Acronym/Abbreviation	Definition
N ₂ O	nitrous oxide
NAAQS	National Ambient Air Quality Standards
ND	Negative Declaration
NEPA	National Environmental Policy Act
NHTSA	National Highway Traffic Safety Administration
Nm	nautical miles
NMFS	National Marine Fisheries Service
NMHC	nonmethane hydrocarbon
NO ₂	nitrogen dioxide
NOAA	National Oceanographic and Atmospheric Administration
NOI	Notice of Intent
NOP	Notice of Preparation
NO _x	nitrogen oxides
NPDES	National Pollutant Discharge Elimination System
NRC	National Response Center
O ₃	Ozone
OCIMF	Oil Companies International Marine Forum
OEHHA	Office of Environmental Health Hazard Assessment
OGV	ocean going vessel
OPA	Oil Pollution Act
OSPR	Office of Spill Prevention and Response
OSRO	Oil Spill Removal Organization
PAH	polycyclic aromatic hydrocarbon
PERP	Portable Equipment Registration Program
PFCs	Perfluorocarbons
PHEV	plug-in hybrid electric vehicles
PM	particulate matter
PM ₁₀	particulate matter smaller than or equal to 10 microns in diameter
PM _{2.5}	particulate matter smaller than or equal to 2.5 microns in diameter
PMP	Port Master Plan
Port or POLA	Port of Los Angeles
POLB	Port of Long Beach
Port Complex	Ports of Los Angeles and Long Beach
Port Plan	Port of Los Angeles Plan
ppm	parts per million
ppmv	parts per million by volume
PRC	Public Resources Code
proposed Project	Berths 167–169 [Shell] Marine Oil Terminal Wharf Improvement Project
[Q]M3	Qualified Heavy Industrial

Acronym/Abbreviation	Definition
REL	reference exposure level
RMP	Risk Management Plan
RMS	root mean square
RPS	Renewables Portfolio Standard
RTP	Regional Transportation Plan
RWQCB	Regional Water Quality Control Board
San Pedro Bay Port Complex	Ports of Los Angeles and Long Beach
SB	Senate Bill
SCAB	South Coast Air Basin
SCAG	Southern California Association of Governments
SCAQMD	South Coast Air Quality Management District
SCIG	Southern California International Gateway
SCP	Source Control Program
SCP Plan	Source Control Program Plan
SCS	Sustainable Communities Strategy
SEA	Significant Ecological Area
SEEMP	Ship Energy Efficiency Management Plan
SF ₆	sulfur hexafluoride
SIP	State Implementation Plan
SLC	State Lands Commission
SLR	sea level-rise
SLCP	short-lived climate pollutant
SO ₂	sulfur dioxide
SOC	Statement of Overriding Considerations
SO _x	sulfur oxides
SOLAS	Safety of Life at Sea
SPCC	Spill Prevention, Control, and Countermeasure
SR	State Route
SR-103/SR-47	Terminal Island Freeway
SSC	Species of Special Concern
STAR	MSRs Spill Team Area Responders
State CEQA Guidelines	Guidelines for Implementation of the California Environmental Quality Act of 1970
SUSMP	Standard Urban Stormwater Mitigation Plan
SWPPP	Stormwater Pollution Prevention Plan
SWRCB	State Water Resources Control Board
TAC	toxic air contaminant
TAP	Technology Advancement Program
TEUs	twenty-foot equivalent units

Acronym/Abbreviation	Definition
TIWRP	Terminal Island Water Reclamation Plant
TMDL	Total Maximum Daily Load
TSA	Transportation Security Administration
TSS	Traffic Separation Scheme
TWIC	Transportation Worker Identification Credential
UFPs	ultrafine particles
ULSD	ultra-low sulfur diesel
UP	Union Pacific Railroad
USACE	U.S. Army Corps of Engineers
USC	U.S. Government Code
USCG	U.S. Coast Guard
USDOT	U.S. Department of Transportation
USEIA	U.S. Energy Information Administration
USFWS	U.S. Fish and Wildlife Service
VDU	vapor destruction unit
VOCs	volatile organic compounds
VRU	vapor recovery unit
VSRP	Vessel Speed Reduction Program
VTMS	Vessel Traffic Management System
VTS	Vessel Traffic Service
WCD	Reasonable Worst Case Discharge
WDRs	Waste Discharge Requirements
White Paper	LAHD Draft Zero Emission White Paper (September 2015)
WRAP	Water Resources Action Plan
YTI	Yusen Terminals Inc.
ZEV	Zero-Emission Vehicle

1

2

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