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Chapter 12 Acronyms and Abbreviations

Acronym/Abbreviation	Definition
°F	degrees Fahrenheit
µg/l	micrograms per liter
µg/m ³	micrograms per cubic meter
µm	microns
2020 Plan	San Pedro 2020 Plan
AB	Assembly Bill
ACGs	allisions, collisions, and groundings
ACM	asbestos containing materials
ACSE	American Society of Civil Engineers
ACTA	Alameda Corridor Transportation Authority
ADT	average daily traffic
AFF	American FactFinder
AFL	American Federation of Labor
afy	acre-feet per year
AMP	alternative maritime power
AMSEC	Area Maritime Security Evacuation Committee
AMSL	above mean sea level
APE	Area of Potential Effect
APL	American President Lines
AQMP	Air Quality Management Plan
ARSSS	Anchorage Road Soil Storage Site
ASL	above sea level
AST	above-ground storage tanks
ATCM	Air Toxic Control Measure
ATSAC	Automated Traffic Surveillance and Control
ATSC	Adaptive Traffic Control System
AVR	average vehicle ridership
backlands	container yard
BACT	Best Available Control Technology
Baseline Transportation Study	Draft Port of Los Angeles Baseline Transportation Study
Basin	South Coast Air Basin
Basin Plan	Water Quality Control Plan for the Los Angeles River Basin (Region 4)

Acronym/Abbreviation	Definition
bbbl	barrel
BCC	Birds of Conservation Concern
BF	Bias Factor
bgs	below ground surface
BMPs	Best Management Practices
BNSF	Burlington Northern-Santa Fe Railway
BOD	biological oxygen demand
BHC	Board of Harbor Commissioners
BP	before present
BTEX	benzene, toluene, ethylbenzene, and xylenes
BTH	Business, Transportation, and Housing Agency
CAA	Clean Air Act
CAAP	San Pedro Bay Port Complex Clean Air Action Plan
CAAQS	California Ambient Air Quality Standards
CAFE	Corporate Average Fuel Economy
CAL3QHC	Combination of CALINE3's dispersion modeling and the Queueing algorithms from the Highway Capacity Manual
Cal OSHA	California Division of Occupational Safety and Health
Cal-ARP	California Accidental Release Prevention Program
CalEEMod	California Emissions Estimator Model
CalEPA	California Environmental Protection Agency
CalRecycle	California Department of Resources Recycling and Recovery
Caltrans	California Department of Transportation
CAO	Cleanup and Abatement Order
CARB	California Air Resources Board
CA/T	Central Artery/Tunnel
CAT	Climate Action Team
CBC	California Building Code
CBP	Customs and Border Protection
CCA	California Coastal Act
CCAA	California Clean Air Act
CCAR	California Climate Action Registry
CCC	California Coastal Commission
CCC	Criteria for Continuous Concentrations
CCR	California Code of Regulations
CDFW	California Department of Fish and Wildlife
CDIP	Coastal Data Information Program
CDO	Cease and Desist Orders
CDP	Census designated place
CEMP	California Eelgrass Mitigation Policy
CEQ	Council on Environmental Quality
CEQA	California Environmental Quality Act
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act

Acronym/Abbreviation	Definition
CESA	California Endangered Species Act
CF ₄	tetrafluoromethane
CFC	Chlorinated fluorocarbons
CFR	Code of Federal Regulations
CH ₄	methane
CHE	cargo handling equipment
CHL	California Historic Landmarks
CHRIS	California Historical Resources Information System
CSLC	California State Lands Commission
CMA	Critical Movement Analysis
CMP	Congestion Management Plan
CNDDDB	California Natural Diversity Database
CNEL	Community Noise Equivalent Level
CNPS	California Native Plant Society
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
COTP	Captain of the Port
CPA	Community Plan Area
CPHI	California Points of Historical Interest
CPUC	California Public Utilities Commission
CRHR	California Register of Historical Resources
CSLC	California State Lands Commission
CSTF	Contaminated Sediments Task Force
CTP	Clean Trucks Program
CTR	California Toxics Rule
CUPA	Certified Unified Program Agency
CWA	Clean Water Act
CWC	California Water Code
cy	cubic yards
CZMA	Coastal Zone Management Act
DA	Department of the Army
D/C	Demand to capacity
dB	Decibel
dBA	A-Weighted Sound Level
dB _{RMS}	Decibels Root Mean Square
DIPE	di-isopropyl ether
DMMU	Dredged material management unit
DO	dissolved oxygen
DoD	Department of Defense
DPM	diesel particulate matter

Acronym/Abbreviation	Definition
DPR	California Department of Parks and Recreation
DTSC	Department of Toxic Substances Control
DWT	deadweight tonnage
EA	environmental assessment
ECA	Emission Control Area
EEZ	Exclusive Economic Zone
EFH	Essential Fish Habitat
eGRID	Emissions and Generation Resource Integrated Database
EIR	Environmental Impact Report
EIS	Environmental Impact Statement
EJ	Environmental Justice
ELA	East Los Angeles Yard
EMAP	Energy Management Action Plan
EMFAC	EMission FACTors
EPA	U.S. Environmental Protection Agency
ERL	Effects Range Low
ERM	Effects Range Median
ESA	Endangered Species Act
ESCP	Erosion and Sediment Control Plan
ESI	Environmental Ship Index
ETBE	ethyl tert-butyl ether
ETS	Everport Terminals Services Inc.
FHP	free hydrocarbon product
FHWA	Federal Highway Administration
FP	Fully Protected
FR	Federal Register
ft	feet
FUDS	Formerly Used Defense Sites
g	grams
g/0.1 m ²	grams per 0.1 square meter
g/bhp-hr	gram/brake horsepower-hour
g/hp-hr	gram per horsepower-hour
GC	General construction
GCASP	General Construction Activity Storm Water Permit
GHGs	greenhouse gases
GIASP	General Industrial Activities Stormwater Permit
GMAP	Goods Movement Action Plan
GVW	gross vehicle weight
GVWR	gross vehicle weight rating
GWP	global warming potential
HABS	Historic American Buildings Survey
HAER	Historic American Engineering Record
Harbor	Los Angeles Harbor (also Port of Los Angeles)

Acronym/Abbreviation	Definition
HARP2	Hotspots Analysis and Reporting Program
HCM	Highway Capacity Manual
HCMs	Historic-Cultural Monuments
HCS	Historic Context Statement
HDT	heavy-duty truck
HDV	heavy-duty vehicle
HFCs	hydrofluorocarbons
HHW	higher-high water
HLW	higher-low water
HMBP	Hazardous Materials Business Plan
HMIS	Hazardous Materials Inventory Statements
HOV	high-occupancy vehicle
hp	horsepower
H-piles	King piles
HRA	health risk assessment
HRI	Historic Resources Inventory
HSP	Harbor Safety Plan
HUD	Housing and Urban Development
Hz	Hertz
ICTF	Intermodal Container Transfer Facility
ICU	Intersection Capacity Utilization
ILWU	International Longshore and Warehouse Union
IMO	International Maritime Organization
IMPLAN	IMPact analysis for PLANning
IPCC	Intergovernmental Panel on Climate Change
IS	Initial Study
ISPS	International Ship and Port Facility Security
IWG	Interagency Working Group
kHZ	kilohertz
kW	kilowatt
kWh	kilowatt hours
LA/LB Harbor	Los Angeles and Long Beach Harbor
LA-2	Ocean Dredged Material Disposal Site LA-2
LACD	Los Angeles Customs District
LACFD	Los Angeles County Fire Department
LADOT	Los Angeles Department of Transportation
LADWP	Los Angeles Department of Water and Power
LAEDC	Los Angeles Economic Development Corporation
LAFD	City of Los Angeles Fire Department
LAHD	Los Angeles Harbor Department
LAHD Construction Guidelines	Los Angeles Harbor Department Sustainable Construction Guidelines for Reducing Air Emissions
LAMC	Los Angeles Municipal Code

Acronym/Abbreviation	Definition
LARWQCB	Regional Water Quality Control Board, Los Angeles
LATC	Los Angeles Transportation Center
LAXT	Los Angeles Export Terminal
LBCT	Long Beach Container Terminal
LBP	lead based paint
lbs	Pounds
lbs/day	pounds per day
LCFS	Low Carbon Fuel Standard
LCP	lead-containing paint
LCP	Local Coastal Plan
L _{dn}	Day/Night Noise Level
LEED™	Leadership in Energy and Environmental Design
L _{eq(h)}	Equivalent Sound Level
LHW	lower-high water
LID	Low Impact Development
LLW	lower-low water
LM	Lease Measure
L _{max}	Maximum Sound Level
L _{min}	Minimum Sound Level
L _n	Statistical Noise Level
LNG	liquefied natural gas
LOS	level of service
LPH	Liquid-phase hydrocarbons
LST	Localized significance threshold
LUST	Leaking Underground Storage Tank
m	Meter
Marine Exchange	Marine Exchange of Southern California
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
MDO	marine diesel oil
Metro	Los Angeles County Metropolitan Transportation Authority
mg/l	milligrams per liter
mg/m ³	micrograms per cubic meter
MGO	marine gas oil
MLLW	mean lower low water
MM	mitigation measure
MMPA	Marine Mammal Protection Act
MMRP	Mitigation Monitoring and Reporting Program
MOA	Memorandum of Agreement
MOU	Memorandum of Understanding

Acronym/Abbreviation	Definition
mPa	Micropascals
Mpg	miles per gallon
mph	miles per hour
MPRSA	Marine Protection, Research and Sanctuaries Act
MS4	municipal separate storm sewer system
MSDS	Material Safety Data Sheet
MSL	mean sea level
MTBE	methyl tert-butyl ether
MTSA	Maritime Transportation Security Act
mt	metric tons per year
N ₂ O	nitrous oxide
NAAQS	National Ambient Air Quality Standards
NAHC	Native American Heritage Commission
NCHRP	National Cooperative Highway Research Program Report
NEPA	National Environmental Policy Act
NFPA	National Fire Protection Association
NHPA	National Historic Preservation 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
NOS	National Ocean Service
NO _x	nitrogen oxides
NPDES	National Pollutant Discharge Elimination System
NPS	National Park Service
NRC	National Response Center
NRHP	National Register of Historic Places
NTU	Nephelometric Turbidity Unit
O&M	Operations and Maintenance
O ₃	Ozone
OEHHA	Office of Environmental Health Hazard Assessment
OGR	<i>Olivella</i> spp. grooved rectangle
OGV	ocean-going vessel
OHR	Office of Historic Resources
OHWM	ordinary high water mark
OPR	Office of Planning and Research
ORC	Oxygen Release Compound
OSCP	Oil Spill Contingency Plan
OSHA	Occupational Safety and Health and Administration

Acronym/Abbreviation	Definition
OSPR	Office of Spill Prevention and Response
PAH	polycyclic aromatic hydrocarbon
pc/mi/ln	passenger car per mile per lane
PCBs	polychlorinated biphenyls
PCE	Passenger Car Equivalent
PERP	Portable Equipment Registration Program
PFCs	Perfluorocarbons
PFMC	Pacific Fishery Management Council
pH	hydrogen ion concentration
PHAVD	peak-hour average vehicle delay
PHL	Pacific Harbor Line, Inc.
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
PMA	Pacific Maritime Association
PMP	Port Master Plan
POLA/POLB	Ports of Los Angeles and Long Beach
Port	Port of Los Angeles
Port Complex	Ports of Los Angeles and Long Beach
PortTAM	Port Transportation Analysis Model
PORTS	Physical Oceanographic Real Time System
ppm	parts per million
ppmv	parts per million by volume
ppt	parts per thousand
PRC	Public Resources Code
PSD	Prevention of Significant Deterioration
PSR	Project Study Report
psu	practical salinity unit
R ²	Coefficients of determination
RAP	Remedial Action Plan
RCNM	Roadway Construction Noise Model
RCRA	Resource Conservation and Recovery Act
RFS	Renewable Fuel Standard
RHA	Rivers and Harbors Act
RMGs	rail-mount gantry cranes
RMP	Risk Management Plan
RMPP	Risk Management and Prevention Program
RNA	regulated navigation area
ROD	Record of Decision
RTGs	rubber tire gantry cranes
RTP	Regional Transportation Plan
RWQCB	Regional Water Quality Control Board
San Pedro Bay Port Complex	Ports of Los Angeles and Long Beach

Acronym/Abbreviation	Definition
SAP	Sampling and Analysis Plan
SB	Senate Bill
SC	standard condition
SCAB	South Coast Air Basin
SCAG	Southern California Association of Governments
SCAQMD	South Coast Air Quality Management District
SCCIC	South Central Coastal Information Center
SCIG	Southern California International Gateway
SCM	Site Conceptual Model
SCS	Sustainable Communities Strategy
SEA	Significant Ecological Area
SEIS/EIR	Supplemental EIS/EIR
sf	square feet
SF ₆	sulfur hexafluoride
SHPO	State Historic Preservation Office
SIP	State Implementation Plan
SLIC	Spills, Leaks, Investigation and Cleanup
SLR	sea level-rise
SO ₂	sulfur dioxide
SO _x	sulfur oxides
SPCC	Spill Prevention, Control, and Countermeasure
SSC	Species of Special Concern
STS	Seaside Transportation Services
SUSMP	Standard Urban Stormwater Mitigation Plan
sVGP	small Vessel General Permit
SWPPP	Stormwater Pollution Prevention Plan
SWRCB	State Water Resources Control Board
TAC	toxic air contaminant
TAME	tert-amyl methyl ether
TAP	Technology Advancement Program
TBA	tert-butyl alcohol
TBT	Tributyltin
TEU	twenty-foot equivalent unit
TG	Total gate down time
TIA	Traffic Impact Analysis
TICTF	Terminal Island Container Transfer Facility
Tioga	Tioga Group, Inc.
TITP	Terminal Island Treatment Plant
TIWRP	Terminal Island Water Reclamation Plant
TMDL	Total Maximum Daily Load
TPH	Total Petroleum Hydrocarbons
TraPac	TraPac, LLC
TRB	Transportation Research Board

Acronym/Abbreviation	Definition
TSA	Transportation Security Administration
TSS	Traffic Separation Scheme
TSS	total suspended solids
TWIC	Transportation Worker Identification Credential
UFPs	ultrafine particles
ULSD	ultra-low sulfur diesel
UP	Union Pacific Railroad
U.S.	United States
USACE	U.S. Army Corps of Engineers
USC	U.S. Government Code
USCG	U.S. Coast Guard
USDOT	U.S. Department of Transportation
USEPA	U.S. Environmental Protection Agency
USFWS	U.S. Fish and Wildlife Service
USGS	United States Geological Survey
UST	underground storage tank
V/C	volume to capacity
VdB	vibration velocity level
VDECS	Verified Diesel Emissions Control Strategy
Veh-Hrs/Day	vehicle hours per day
VGP	Vessel General Permit
VHF-FM	very high frequency-frequency modulation
VM	visual modification
VOC	volatile organic compounds
VOP	Vessel Operating Procedures
VP	viewpoint
VSR	Vessel Speed Reduction
VSRP	Vessel Speed Reduction Program
VTS	Vessel Traffic Service
WBICTF	West Basin Intermodal Container Transfer Facility
WDRs	Waste Discharge Requirements
WHO	World Health Organization
WOUS	Waters of the United States
WPD	Watershed Protection Division
WRAP	Water Resources Action Plan
YTI	Yusen Terminals Inc.
ZIMAS	Zoning Information and Map Access System
ZPMC	Zhenhua Heavy Industry Co., Ltd.