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Acronyms and Abbreviations

CABRILLO PORT LIQUEFIED NATURAL GAS DEEPWATER PORT FINAL EIS/EIR

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CABRILLO PORT LIQUEFIED NATURAL GAS DEEPWATER PORT FINAL EIS/EIR

LIST OF ACRONYMS AND ABBREVIATIONS

AAAV	Advanced Amphibious Assault Vessel
ACHP	Advisory Council on Historic Preservation
ADT	average daily traffic
AHTS	anchor handling tug supply vessel
AIS	Automatic Identification System
AM	Applicant-proposed measure
APCD	Air Pollution Control District
APE	Area of Potential Effect
AQMD	Air Quality Management District
ATBA	area to be avoided
BACT	best available control technology
bbl	barrels
Bcf	billion cubic feet
Bcfd	billion cubic feet per day
BHPB	BHP Billiton LNG International Inc.
BMPs	best management practices
BO	Biological Opinion
B.P.	before the present
BRMIMP	Biological Resources Mitigation Implementation and Monitoring Plan
Btu	British thermal unit
Btu/dscf	British thermal units per dry standard cubic feet
CAA	Clean Air Act
CARB	California Air Resources Board
Cal/COFI	California Cooperative Fisheries Investigations
Cal/EPA	California Environmental Protection Agency
CalOSHA	California Occupational Safety and Health Agency
CalTrans	California Department of Transportation
CBC	California Building Code
CCA	California Coastal Act
CCC	California Coastal Commission
CCR	California Code of Regulations
CDFG	California Department of Fish and Game
CDIP	Coastal Data Information Program
CDMG	California Division of Mines and Geology

CDOC	California Department of Conservation
CEC	California Energy Commission
CEQ	Council on Environmental Quality
CEQA	California Environmental Quality Act
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CERCLIS	Comprehensive Environmental Response, Compensation and Liability Information System
CESA	California Endangered Species Act
CFR	Code of Federal Regulations
CGS	California Geological Survey
CHNC	California Harbors and Navigation Code
CINMS	Channel Islands National Marine Sanctuary
CINP	Channel Islands National Park
cm	centimeter
cm/s	centimeter per second
CNDDB	California Natural Diversity Database
CNPS	California Native Plant Society
CO	carbon monoxide
CO_2	carbon dioxide
COLREGS	International Regulations for Avoiding Collisions at Sea
COTP	Captain of the Port
CPUC	California Public Utilities Commission
CSLC	California State Lands Commission
CUP	Conditional Use Permit
CURB	City Urban Restriction Boundary
CWA	Clean Water Act
CZMA	Coastal Zone Management Act
dB	decibel
dBA	decibels on the A-weighted scale (human hearing frequency)
DHS	United States Department of Homeland Security
DMP	Draft Management Plan
DNV	Det Norske Veritas
DOE	U.S. Department of Energy
DPM	diesel particulate matter
DPV	dynamically positioned pipelaying vessel
DTSC	California Department of Toxic Substances Control
DWP	deepwater port
DWPA	Deepwater Port Act

DWT	deadweight tons
E & E	Ecology and Environment, Inc.
EBRV	Energy Bridge™ Regasification Vessel
EDCO	Economic Development Corporation of Oxnard
EDR	Environmental Data Resources, Inc.
EEAP	Employee Environmental Awareness Program
EEZ	Exclusive Economic Zone
EFH	essential fish habitat
EIA	U.S. Energy Information Administration
EIR	environmental impact report
EIS	environmental impact statement
EO	Executive Order
ESA	Endangered Species Act
ESU	evolutionarily significant nit
FCC	Federal Communications Commission
FDS	Fire Dynamics Simulator
FEED	Front End Engineering Design
FEMA	Federal Emergency Management Agency
FERC	Federal Energy Regulatory Commission
FMMP	Farmland Mapping and Monitoring Program
FMP	fishery management plan
FOSC	Federal On-Scene Commander
FPPA	Farmland Protection Policy Act
FPSO	floating production, storage, and offloading
FR	Federal Register
FSA	formal safety assessment
FSRU	floating storage and regasification unit
FTA	Federal Transit Administration
g	gravitational constant equal to 980.655 centimeters per second squared
GMDSS	Global Marine Distress Safety System
GPS	global positioning system
GREAT	Ground Water Recharge Enhancement and Treatment
GT	gross tonnage
H_2S	hydrogen sulfide
ha	hectare
HARP	Hotspots Analysis and Reporting Program
HAZID	hazard identification and analysis
HAZOP	hazard and operability study
HCA	High Consequence Area

HDB	horizontal directional boring
HDD	horizontal directional drilling
HIA	acute hazard index
hp	horsepower
H_s	wave height
HSWRI	Hubbs-Sea World Research Institute
Hz	hertz
IGG	inert gas generator
IHA	Incidental Harassment Authorization
IMO	International Maritime Organization
INRMP	Integrated Natural Resource Management Plan
IOU	investor-owned utility
IRA	Integrated Risk Assessment
ISM	International Safety Management
ISO	International Organization for Standardization
ISPS Code	International Ship and Port Security Code
ISSC	International Ship Security Certificate
JOFLO	Joint Oil/Fisheries Committee of South/Central California
kHz	kilohertz
km	kilometer
km^2	square kilometer
kW/m^2	kilowatts per square meter
KOP	key observation point
LA/LB	Los Angeles/Long Beach
LARWQCB	Los Angeles Regional Water Quality Control Board
LCP	Local Coastal Program
L_{dn}	day-night sound level
$Leq_{(h)}$	equivalent sound level
LED	light-emitting diode
LFL	lower flammability limit
LHG	liquefied hazardous gas
LNG	liquefied natural gas
LOA	Letter of Authorization
LOS	level of service
LUST	leaking underground storage tank
m	meter
mg/L	millgrams per liter
m/s	meters per second
m^2	square meters

m^3	cubic meters
m^3/m	cubic meters per minute
MAOP	maximum allowable operating pressure
MARAD	Maritime Administration
MARPOL	International Convention for the Prevention of Pollution from Ships
MBTA	Migratory Bird Treaty Act
MEOEA	Massachusetts Executive Office of Environmental Affairs
mg/kg	millgrams per kilogram
mg/L	milligrams per liter
mg/mL	millgrams per milliliter
mi^2	square miles
mL	milliliter
MM	mitigation measure
MMBtu/hr	million British thermal units per hour
MMcf	million cubic feet
MMcfd	million cubic feet per day
MMP	mitigation monitoring program
MMPA	Marine Mammals Protection Act
MMS	U.S. Department of the Interior, Minerals Management Service
MMscfd	million standard cubic feet per day
MMtons	million tons
MOA	Memorandum of Agreement
MOTEMS	Marine Oil Terminal Engineering and Maintenance Standards
MP	milepost
mph	miles per hour
MRP	Mineral Resource Protection
MRZ	mineral resource zone
MSD	marine sanitation device
MSDS	Material Safety Data Sheet
MTSA	Maritime Transportation Security Act of 2002
µPa	micropascal
MW	megawatt
MWD	Metropolitan Water District of Southern California
NAAQS	National Ambient Air Quality Standards
NAHC	Native American Heritage Commission
NBVC	Naval Base Ventura County
NCP	National Oil and Hazardous Substances Pollution Contingency Plan
NEG	Northeast Gateway Energy Bridge™
NEPA	National Environmental Protection Act

NFPA	National Fire Protection Association
NH_3	ammonia
NHPA	National Historic Preservation Act
NM	nautical mile
NMFS	National Marine Fisheries Service
NO_2	nitrogen dioxide
NOAA	National Oceanic and Atmospheric Administration
NOI/NOP	Notice of Intent/Notice of Preparation
NO_x	nitrogen oxides
NPDES	National Pollutant Discharge Elimination System
NPL	National Priorities List
NPS	National Park Service
NRA	National Recreation Area
NRCS	National Resources Conservation Service
NRMP	Natural River Management Plan
NSR	new source review
OCS	Outer Continental Shelf
OCMI	Officer in Charge, Marine Inspection
OEHHA	Cal/EPA Office of Environmental Health Hazard Assessment
OPA	Oil Pollution Act of 1990
OSHA	Occupational Safety and Health Act/Administration
OSPR	California Department of Fish and Game Office of Spill Prevention and Response
OVTM	Office of Vessel Traffic Management
OU	Operable Unit
PAHs	polynuclear aromatic hydrocarbons
PCBs	polychlorinated biphenyls
PFMC	Pacific Fishery Management Council
PG&E	Pacific Gas and Electric
Pga	peak ground acceleration
PHMSA	Pipeline and Hazardous Materials Safety Administration
PIR	potential impact radius
PLEM	pipeline-ending manifold
PLET	pipeline end termination
PM_{10}	particulate matter less than 10 microns in diameter
$PM_{2.5}$	particulate matter less than 2.5 microns in diameter
POTW	publicly owned treatment works
ppm	parts per million
ppt	parts per thousand

PSD	Prevention of Significant Deterioration
psi	pounds per square inch
psig	pounds per square inch gauge internal pressure
PTE	potential to emit
QRA	quantitative risk analysis
RCRA	Resource Conservation and Recovery Act
RMS	root mean square
ROCs	reactive organic compounds
ROD	Record of Decision
ROI	Region of Influence
ROW	right-of-way
RPS	Renewables Portfolio Standard
RPT	rapid phase transition
RWQCB	Regional Water Quality Control Board
SB	Senate Bill
SCADA	supervisory control and data acquisition
SCAQMD	South Coast Air Quality Management District
SCAT	South Coast Area Transit Bus Service
SCCIC	South Central Coast Information Center
SCE	Southern California Edison
SCR	selective catalytic reduction
SCUBA	self-contained underwater breathing apparatus
SCV	submerged combustion vaporizer
SCWRP	Southern California Wetlands Recovery Project
SEA	significant ecological area
SEMS	Standardized Emergency Management System
SEL	sound energy level
SES	Sound Energy Solutions
SHOBA	shore bombardment range
SIP	State Implementation Plan
SMARA	State Surface Mining and Reclamation Act
SO_2	sulfur dioxide
SOAR	Save Our Agricultural Resources
SOAR	Southern California Anti-Submarine Warfare Range
SOCAL	Southern California Operations Area
SoCalGas	Southern California Gas Company
SOLAS	International Convention for the Safety of Life at Sea
SOPEP	Shipboard Oil Pollution Emergency Plan
SPCC Plan	Spill Prevention, Control, and Countermeasures Plan

SR	State Route
STCW	Standards of Training, Certification and Watchkeeping
SVA	security and vulnerability assessment
SWPPP	Storm Water Pollution Prevention Plan
SWRCB	California State Water Resources Control Board
SWTR	Shallow Water Training Range
TAMMSA	Terminals y Almacenes Maritimos de Mexico
TCE	temporary construction easement
TMDL	total maximum daily load
TRC	total residual chlorine
TSDF	treatment, storage, and disposal facility
TSS	Traffic Separation Scheme
µg	microgram
U.S.C.	United States Code
UBC	Uniform Building Code
USACE	U.S. Army Corps of Engineers
USCG	U.S. Coast Guard
USDOI	U.S. Department of the Interior
USDOT	U.S. Department of Transportation
USEPA	U.S. Environmental Protection Agency
USFWS	U.S. Fish and Wildlife Service
USGS	U.S. Geological Survey
UST	underground storage tank
UV	ultraviolet light
UXO	unexploded ordnance
VAFB	Vandenberg Air Force Base
VCAPCD	Ventura County Air Pollution Control District
VdB	velocity in decibels
VHF	very high frequency
VOCs	volatile organic compounds
VTS	Vessel Traffic Service
WCOVTRMP	West Coast Offshore Vessel Traffic Risk Management Project