

## Acronyms and Abbreviations

Acronym	Definition	Acronym	Definition
$\mu\text{g}/\text{m}^3$	Micrograms per cubic meter	dB re 1 $\mu\text{Pa}$	decibels referenced to one micropascal
AAQS	Ambient Air Quality Standards	dB re 1 $\mu\text{Pa}$	decibels referenced to 1 micropascal re 1 $\mu\text{Pa}$
AAV	Amphibious Assault Vehicle	dB re 1	decibels referenced to 1 micropascal squared per second
ac.	Acre(s)	dba	A-weighted decibels
ACHP	Advisory Council on Historic Preservation	DDG	Guided Missile Destroyer
AGL	Above Ground Level	DDT	dichlorodiphenyltrichloroethane
AINJ	Auditory Injury	Diesel PM	Diesel Particulate Matter
APPS	Act to Prevent Pollution	DO	Dissolved Oxygen
Army	U.S. Army	DoD	Department of Defense
ARPA	Advanced Research Projects Agency	DPS	Distinct Population Segment
AS	Submarine Tenders	EEZ	Exclusive Economic Zone
ASBS	Area of Special Biological Significance	EIS	Environmental Impact Statement
ASW	Anti-submarine warfare	EMF	Electromagnetic Force
BEH	Significant Behavioral Response	EO	Executive Order
BIA	Biologically Important Areas	EPF	Expeditionary Fast Transport
BOEM	Bureau of Ocean Energy Management	ERCA	Extended Range Cannon Artillery
CA	California	ESA	Endangered Species Act
CAA	Clean Air Act	ESU	Evolutionarily Significant Unit
CBSFA	Community-Based Subsistence Fishing Areas	EXWC	Naval Facilities Engineering & Expeditionary Warfare Center
CBUAS	Carrier-Based Unmanned Aircraft System	FAA	Federal Aviation Administration
CEQ	Council on Environmental Quality	FACSFAC	Fleet Area Control and Surveillance Facility
CERP	Community Emissions Reduction Plan	FFG	Frigate
CFR	Code of Federal Regulations	FLS	Forward Looking Sonar
CG	Cruiser	FR	Federal Register
CH <sub>4</sub>	Methane	ft.	foot (feet)
CHNMS	Chumash Heritage National Marine Sanctuary	GHG	Greenhouse Gas
cm	Centimeter(s)	GWP	Global Warming Potential
CNA	Center for Naval Analyses	H	Hydrogen
CO	Carbon Monoxide	HAP	Hazardous Air Pollutant
CO <sub>2</sub>	Carbon Dioxide	HCTT	Hawaii-California Training and Testing
CRRC	Combat Rubber Raiding Craft	HF	High Frequency
CV	Coefficient of variation	HI	Hawaii
CVN	Aircraft Carrier (Nuclear)	HSTT	Hawaii-Southern California Training and Testing
CZMA	Coastal Zone Management Act	Hz	hertz
dB	Decibel(s)	IMO	International Maritime Organization
		in.	Inch(es)

Acronym	Definition	Acronym	Definition
ITA	Incidental Take Authorization	NEW	Net Explosive Weight
kHz	kilohertz	NHPA	National Historic Preservation Act
km <sup>2</sup>	Square kilometer(s)	NM	Nautical Miles
lb.	Pound(s)	NM <sup>2</sup>	Square Nautical Mile(s)
LCAC	Landing Craft, Air Cushion	NMFS	National Marine Fisheries Service
LCM	Landing Craft, Mechanized	NO <sub>2</sub>	Nitrogen dioxide
LCS	Littoral Combat Ship	NOAA	National Oceanic and Atmospheric Administration
LCU	Landing Craft, Utility	NOCAL	Northern California
LF	Low Frequency	NOTAM	Notice to Airmen
LHA	Amphibious Assault Ship	NO <sub>x</sub>	Nitrogen Oxides
LHD	Amphibious Transport Dock	NRHP	National Register of Historic Places
LNM	Notice to Mariners	NSWUE	Naval Special Warfare Undersea Enterprise
LOA	Letter of Authorization	O <sub>3</sub>	Ozone
LSD	Dock Landing Ship	OEIS	Overseas Environmental Impact Statement
m	meter(s)	ONMS	Office of National Marine Sanctuaries
MARPOL	International Convention for the Prevention of Pollution from Ships	ONR	Office of Naval Research
MBTA	Migratory Bird Treaty Act	OPAREA	Operating Area
MCB	Marine Corps Base	Pb	Lead
MCM	Mine Countermeasures	PC	Patrol Combatants
MCTAB	Marine Corps Training Area Bellows	PCBs	polychlorinated biphenyls
MEM	Military Expended Material	PM <sub>10</sub>	Particulate matter (with an aerodynamic size less than or equal to 10 microns)
MF	Mid Frequency	PM <sub>2.5</sub>	Particulate matter (with an aerodynamic size less than or equal to 2.5 microns)
MHI	Main Hawaiian Islands	PMAP	Protective Measures Assessment Protocol
MLCD	Marine Life Conservation District	PMRF	Pacific Missile Range Facility
MMPA	Marine Mammal Protection Act	PMSR	Point Mugu Sea Range
MORT	Mortality	ppm	Parts per million
MPA	Marine Protected Area	PSD	Prevention of Significant Deterioration
N	Nitrogen	RCRA	Resource Conservation and Recovery Act
N <sub>2</sub> O	Nitrous Oxide	RDT&E	Research, Development, Testing, and Evaluation
NA	Not Applicable	RHIB	Rigid Hull Inflatable Boat
NAAQS	National Ambient Air Quality Standards	rms	Root Mean Squared
NAS	Naval Air Station	ROV	Remotely Operated Vehicle
NAVAIR	Naval Air Systems Command	SAR	Stock assessment report
NAVSEA	Naval Sea Systems Command	SCAB	South Coast Air Basin
NAVWAR	Naval Information Warfare Systems Command		
Navy	U.S. Department of the Navy		
NAWCWD	Naval Air Warfare Center Weapons Division		
NBVC	Naval Base Ventura County		
NCCAB	North Central Coast Air Basin		
NCCR	National Coastal Condition Report		
NEPA	National Environmental Policy Act		

Acronym	Definition	Acronym	Definition
SC-GHG	Social Cost of Greenhouse Gases	VHF	Very High Frequency
SCI	San Clemente Island	VLF	Very Low Frequency
SDAB	San Diego Air Basin	VOC	Volatile Organic Compounds
SEL	Sound Exposure Level	VpCl	Vapor Phase Corrosion Inhibitor
SHPO	State Historic Preservation Office	W-	Warning Area
SINKEX	Sinking Exercise	WETS	Wave Energy Test Site
SIP	System(s) Integration Plan	XLUUV	Extra Large Unmanned Underwater Vehicle
SLV	Stern Landing Vessel	yd.	Yard(s)
SNI	San Nicolas Island	YP	Yard Patrol Craft
SO <sub>2</sub>	Sulfur Dioxide		
SOAR	Southern California Offshore Anti-Submarine Warfare Range		
SOCAL	Southern California		
SOP	Standard Operating Procedure		
SO <sub>x</sub>	Sulfur Oxides		
SPL	Sound Pressure Level		
SPL Peak	Peak Pressure (Sound)		
SSBN	Fleet Ballistic Missile Submarine		
SSGN	Guided Missile Submarines		
SSN	Attack Submarine		
SSTC	Silver Strand Training Complex		
SUA	Special Use Airspace		
SURTASS	Surveillance Towed Array Sensor System		
SWTR	Shallow Water Training Range		
TA	Training Area		
T-AKE	Dry Cargo/Ammunition Ship		
T-AO	Fleet Replenishment Oilers		
T-AOE	Fast Combat Support Ship		
TNT	trinitrotoluene		
tpy	Tons per year		
TTS	Temporary Threshold Shift		
U.S.	United States		
U.S.C.	United States Code		
UAS	Unmanned Aircraft System		
UAV	Unmanned Aerial Vehicle		
USAF	U.S. Air Force		
USCG	U.S. Coast Guard		
USEPA	U.S. Environmental Protection Agency		
USFWS	U.S. Fish and Wildlife Service		
USMC	U.S. Marine Corps		
USS	United States Ship		
UUV	Unmanned Underwater Vehicle		
VCAPCD	Ventura County Air Pollution Control District		