

Acronyms and Abbreviations

Acronym	Definition	Acronym	Definition
$\mu\text{g}/\text{m}^3$	Micrograms per cubic meter	dBA	A-weighted decibels
AAQS	Ambient Air Quality Standards	DDG	Guided Missile Destroyer
ac.	Acre(s)	DDT	dichlorodiphenyltrichloroethane
AGL	Above Ground Level	Diesel PM	Diesel Particulate Matter
AINJ	Auditory Injury	DO	Dissolved Oxygen
APPS	Act to Prevent Pollution from Ships	DoD	Department of Defense
Army	U.S. Army	DPS	Distinct Population Segment
ARPA	Advanced Research Projects Agency	EEZ	Exclusive Economic Zone
AS	Submarine Tenders	EIS	Environmental Impact Statement
ASBS	Area of Special Biological Significance	EMF	Electromagnetic Force
ASW	Anti-submarine warfare	EO	Executive Order
BEH	Significant Behavioral Response	EPF	Expeditionary Fast Transport
BIA	Biologically Important Areas	ERCA	Extended Range Cannon Artillery
BOEM	Bureau of Ocean Energy Management	ESA	Endangered Species Act
CA	California	ESU	Evolutionarily Significant Unit
CAA	Clean Air Act	EXWC	Naval Facilities Engineering & Expeditionary Warfare Center
CBSFA	Community-Based Subsistence Fishing Areas	FAA	Federal Aviation Administration
CBUAS	Carrier-Based Unmanned Aircraft System	FFG	Frigate
CERP	Community Emissions Reduction Plan	FLS	Forward Looking Sonar
CFR	Code of Federal Regulations	FR	Federal Register
CG	Cruiser	ft.	foot (feet)
CH_4	Methane	GHG	Greenhouse Gas
CHNMS	Chumash Heritage National Marine Sanctuary	H	Hydrogen
cm	Centimeter(s)	HAP	Hazardous Air Pollutant
CNA	Center for Naval Analyses	HCTT	Hawaii-California Training and Testing
CO	Carbon Monoxide	HF	High Frequency
CO_2	Carbon Dioxide	HI	Hawaii
CO_2e	Carbon Dioxide equivalent	HSTT	Hawaii-Southern California Training and Testing
CRRC	Combat Rubber Raiding Craft	Hz	hertz
CV	Coefficient of variation	IMO	International Maritime Organization
CVN	Aircraft Carrier (Nuclear)	in.	inch(es)
CZMA	Coastal Zone Management Act	ITA	Incidental Take Authorization
dB	Decibel(s)	kHz	kilohertz
dB re 1 μPa	decibels referenced to one micropascal	km^2	square kilometer(s)
dB re 1 $\mu\text{Pa}^2\text{-sec}$	decibels referenced to 1 micropascal squared per second	lb.	Pound(s)
		LCAC	Landing Craft, Air Cushion
		LCM	Landing Craft, Mechanized
		LCS	Littoral Combat Ship
		LCU	Landing Craft, Utility
		LF	Low Frequency

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

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