

Acronyms and Abbreviations

Acronym	Definition	Acronym	Definition
°	degree(s)	CO	Carbon Monoxide
°C	degrees Celsius	CPA	Consultation Protocol Agreement
°F	degrees Fahrenheit	CSSQT	Combat Systems Ship Qualification Trials
µg/L	micrograms per liter	D	Delta
µg/m ³	micrograms per cubic meter	dB	decibel(s)
µPa	micropascal(s)	dB re 1 µPa	decibels referenced to 1 micropascal
A	Area	dB re 1 µPa ² s	decibels referenced to 1 micropascal squared seconds
AFB	Air Force Base	dba	A-weighted decibel(s)
AGL	Above Ground Level	DDT	Dichlorodiphenyltrichloroethane
AIS	Automatic Identification System	DE	Directed Energy
ALTRV	Altitude Reservation	DESIL	Directed Energy Systems Integration Laboratory
AMRAAM	Advanced Medium-Range Air-to-Air Missile	DNT	dinitrotoluene
APE	Area of Potential Effect(s)	DoD	Department of Defense
ARTCC	Air Route Traffic Control Center	DPS	Distinct Population Segment
ASBS	Area of Special Biological Significance	DSMZ	Davidson Seamount Management Zone
ATC	Air Traffic Control	EA	Environmental Assessment
BIA	Biologically Important Area	EELV	Evolved Expendable Launch Vehicle
Bight'13	<i>Southern California Bight 2013 Regional Monitoring Program</i>	EEZ	Exclusive Economic Zone
BO	Biological Opinion	EIS	Environmental Impact Statement
BOEM	Bureau of Ocean Energy Management	ENSO	El Niño Southern Oscillation
CCE	California Current Ecosystem	EO	Executive Order
CDFW	California Department of Fish and Wildlife	ESA	Endangered Species Act
CFR	Code of Federal Regulations	EW	Electronic Warfare
CINMS	Channel Islands National Marine Sanctuary	FAA	Federal Aviation Administration
CINP	Channel Islands National Park	FR	Federal Register
CIWS	Close-in weapons system	ft.	foot/feet
cm	Centimeter(s)	FTS	Flight Termination System

Acronym	Definition	Acronym	Definition
g	gram(s)	MLLW	Mean Lower Low Water
HARM	High-Speed Anti-Radiation Missile	mm	millimeter(s)
HE	High explosive	MMPA	Marine Mammal Protection Act
HE-ET	High Explosive-Electronic Time	MOA	Memorandum of Agreement
HEL	High Energy Laser	mph	Miles per hour
HMX	High Melting Explosive	N	North
HPM	High Power Microwave	n/a	Not applicable
HSTT	Hawaii-Southern California Training and Testing	NAVAIR	Naval Air Systems Command
Hz	hertz	NAVSEA	Naval Sea Systems Command
ICRMP	Integrated Cultural Resources Management Plan	Navy	U.S. Department of the Navy
IFR	Instrument Flight Rules	NAWCWD	Naval Air Warfare Center Weapons Division
IHA	Incidental Harassment Authorizations	NAWCWPNSIN	Naval Air Warfare Center Weapons Division Instruction
in.	inch(es)	ST	
INRMP	Integrated Natural Resources Management Plan	NBVC	Naval Base Ventura County
ITS	Incidental Take Statement	NDAA	National Defense Authorization Act
J	Jet	NEPA	National Environmental Policy Act
JATO	Jet-Assisted Take-off	NHPA	National Historic Preservation Act
kcy	kilo-cubic yards	NM	Nautical mile(s)
kg	kilogram	NM ²	Square nautical mile(s)
kHz	kilohertz	NMFS	National Marine Fisheries Service
km	kilometer(s)	NO ₂	Nitrogen Dioxide
km ²	square kilometer(s)	NOAA	National Oceanic and Atmospheric Administration
lb.	pound(s)	NOI	Notice of Intent
LCS	Littoral Combat Ship(s)	NOTAM	Notice to Airmen
LOA	Letter of Authorization	NO _x	Nitrous oxide
LRASM	Long Range Anti-Ship Missile	NPS	National Park Service
m	meter(s)	NRHP	National Register of Historic Places
MEM	Military Expended Material	NTM	Notice to Mariners
MFSO	Missile Flight Safety Officer		
mg/L	milligrams per liter		
mi.	mile(s)		
min	minute(s)		

Acronym	Definition	Acronym	Definition
NWTT	Northwest Training and Testing	RSOP	Range Safety Operational Plan
O ₃	Ozone	S	South
OEA	Overseas Environmental Assessment	SAR	stock assessment report
OEIS	Overseas Environmental Impact Statement	SCB	Southern California Bight
OPAREAs	Operating Areas	SCI	San Clemente Island
OPC	Ocean Protection Council	SCI	Santa Cruz Island
oz.	ounce(s)	Secretary	Secretary of the Interior
PA	Programmatic Agreement	SEL	Sound Exposure Level
PAH	polynuclear aromatic hydrocarbon	SHPO	State Historic Preservation Office
PBDE	polybrominated diphenyl ether	SLAM	Standoff Land Attack Missile
PCB	Polychlorinated Biphenyl	SMI	San Miguel Island
PEO	Program Executive Office	SNI	San Nicolas Island
PM ₁₀	Particulate matter less than 10 microns in diameter	SO	Sustainability Office
PM _{2.5}	Particulate matter less than 2.5 microns in diameter	SO ₂	Sulfur dioxide
PMSR	Point Mugu Sea Range	SOCAL	Southern California (Range Complex)
ppb	parts per billion	SO _x	Sulfur oxide
ppm	parts per million	SPL	Sound Pressure Level
psi	pounds per square inch	SUA	Special Use Airspace
PTS	Permanent Threshold Shift	TC	Test Conductor
R	Restricted	TCP	Traditional Cultural Properties
r	radius	TM	Telemetry
RAM	Rolling airframe missile	TNT	Trinitrotoluene
RATO	Rocket-assisted Take-off	TOC	total organic carbon
RDAT&E	Research, Development, Acquisition, Testing, and Evaluation	TPY	Tons per year
RDX	Royal Demolition Explosive	TRMS	Test Resource Management System
re	referenced to	TTS	Temporary Threshold Shift
ROD	Record of Decision	U.S.	United States
ROI	Region of Influence	U.S.C.	United States Code
RSA	Range Safety Approval	UAS	Unmanned Aircraft System
RSEPA	Range Sustainment Environmental Program Assessment	UAV	Unmanned Aerial Vehicle
		UGM	Underwater-launched Surface Attack Missile
		UME	Unusual Mortality Event

Acronym	Definition
UNESCO	United Nations Educational, Scientific and Cultural Organization
USCG	United States Coast Guard
USEPA	United States Environmental Protection Agency
USFWS	U.S. Fish and Wildlife Service
UXO	Unexploded Ordnance
VFR	Visual Flight Rules
VHF	Very High Frequency
VOC	Volatile Organic Compounds
W	West
W-	Warning Area
yd.	yard(s)