

Acronyms and Abbreviations

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

Acronym	Definition	Acronym	Definition
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	Naval Base Ventura County
INRMP	Integrated Natural Resources Management Plan	NBVC	National Defense Authorization Act
ITS	Incidental Take Statement	NDAA	National Environmental Policy Act
J	Jet	NEPA	National Historic Preservation Act
JATO	Jet-Assisted Take-off	NHPA	Nautical mile(s)
kcy	kilo-cubic yards	NM	Square nautical mile(s)
kg	kilogram	NM ²	National Marine Fisheries Service
kHz	kilohertz	NMFS	Nitrogen Dioxide
km	kilometer(s)	NO ₂	National Oceanic and Atmospheric Administration
km ²	square kilometer(s)	NOAA	Notice of Intent
lb.	pound(s)	NOI	Notice to Airmen
LCS	Littoral Combat Ship(s)	NOTAM	Nitrous oxide
LOA	Letter of Authorization	NO _x	National Park Service
LRASM	Long Range Anti-Ship Missile	NPS	National Register of Historic Places
m	meter(s)	NRHP	Notice to Mariners
MEM	Military Expended Material	NTM	Northwest Training and Testing
MFSO	Missile Flight Safety Officer	NWTT	Ozone
mg/L	milligrams per liter	O ₃	
mi.	mile(s)		
min	minute(s)		
MLLW	Mean Lower Low Water		
mm	millimeter(s)		
MMPA	Marine Mammal Protection Act		

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

Acronym	Definition
VFR	Visual Flight Rules
VHF	Very High Frequency
VOC	Volatile Organic Compounds
W	West
W-	Warning Area
yd.	yard(s)