

ACRONYMS/ABBREVIATIONS LIST

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|---------------|---|-----------------|---|
| A-A | Air-to-Air | dB | Decibel |
| A-G | Air-to-Ground | dB/km | Decibel Per Kilometer |
| A-S | Air-to-Surface | DDT | Dichloro-Diphenyl-Trichloroethane |
| AAMEX | Air-to-Air Missile Exercise | DFOC | Department of Fisheries and Oceans, Canada |
| AAW | Anti-Air Warfare | DICASS | Directional Command Activated Sonobuoy System |
| ACM | Air Combat Maneuvering | DIFAR | Directional Frequency and Ranging |
| ADAR | Air Deployed Active Receiver | DLCD | Department of Land Conservation and Development |
| ADC | Acoustic Device Countermeasures | DO | Dissolved Oxygen |
| ADLFP | Air Deployable Low Frequency Projector | DOC | Department of Commerce |
| AESA | Active Electronically Scanned Array | DoD | Department of Defense |
| AESO | Aircraft Emission Support Office | DoN | Department of Navy |
| AMRAAM | Advanced Medium-Range Air-to-Air Missile | DOPAA | Description of Proposed Action and Alternatives |
| AMSP | Advanced Multi-static Processing Program | DPU | Distinct Population Unit |
| AMW | Amphibious Warfare | DTR | Detonation Training Range |
| APPS | Act to Prevent Pollution from Ships | DU | Depleted Uranium |
| ARS | Advanced Ranging Source | DZ | Drop Zone |
| ARTCC | Air Route Traffic Control Center | E | East |
| ASUW | Anti-Surface Warfare | EA | (1) Electronic Attack (2) Environmental Assessment |
| ASW | Anti-Submarine Warfare | EC | Electronic Combat |
| ATC | air traffic control | EDMS | Emission and Dispersion Modeling System |
| ATCAA | Air Traffic Control Assigned Airspace | EER | Extended Echo Ranging |
| BA | Biological Assessment | EEZ | Exclusive Economic Zone |
| BAMS | Broad Area Maritime Surveillance | EFD | Energy Flux Density |
| BDA | Battle-Damage Assessment | EFH | Essential Fish Habitat |
| BDU | Bomb Dummy Unit | EFSEC | Energy Facility Site Evaluation Council |
| BE | Biological Evaluation | EIS | Environmental Impact Statement |
| BFM | Basic Fighter Maneuvering | EMATT | Expendable Mobile ASW Training Target |
| BMP | Best Management Practice | EMR | Electromagnetic Radiation |
| BO | Biological Opinion | EO | Executive Order |
| BOMBEX | Bombing Exercise | EOD | Explosive Ordnance Disposal |
| BUD/S | Basic Underwater Demolition/SEAL | EODMU-11 | Explosive Ordnance Disposal Mobile Unit Eleven |
| CAA | Clean Air Act | EPA | Environmental Protection Agency |
| CAAQS | California Ambient Air Quality Standards | EPCRA | Emergency Planning and Community Right-to-Know Act |
| CARB | California Air Resources Board | ES | (1) Executive Summary (2) Electronic Support |
| CCA | California Coastal Act | ESA | Endangered Species Act |
| CEQ | Counsel on Environmental Quality | ESG | Expeditionary Strike Group |
| CERCLA | Comprehensive Environmental Response, Compensation, and Liability Act | ESU | Evolutionary Significant Unit |
| CIWS | Close-in-Weapon System | EXTORP | Running Torpedo Exercise |
| CMP | Coastal Management Plan | °F | Degrees Fahrenheit |
| CNO | Chief of Naval Operations | FAA | Federal Aviation Administration |
| CNRNW | Commander, Navy Region Northwest | FACSFAC | Fleet Area Control and Surveillance Facility |
| CO | Carbon Monoxide | FAST | Floating At-Sea Target |
| COMNAVSURFPAC | Commander, Naval Surface Force, U.S. Pacific fleet | FCLP | Field Carrier Landing Practice |
| COMPACFLT | Commander, U.S. Pacific Fleet | FDNF | Forward Deployed Naval Forces |
| COMPTUEX | Composite Training Unit Exercise | FONSI | Finding of No Significant Impact |
| COMSUBPAC | Commander, Submarine Force U.S. Pacific Fleet | FRP | Fleet Response Plan |
| CPF | Commander, Pacific Fleet | FRTP | Fleet Response Training Plan |
| CPRW-10 | Commander, Patrol and Reconnaissance Wing TEN | ft | Feet |
| CPS | Coastal Pelagic Species | ft ² | Square Feet |
| CSG | Carrier Strike Group | FWPCA | Federal Water Pollution Control Act |
| CUPA | Certified Unified Program Agency | GIS | Geographic Information Systems |
| CV | Coefficient of Variation | GSE | Ground Support Equipment |
| CVTS | Cooperative Vessel Traffic Service | | |
| CWA | Clean Water Act | | |
| CZMA | Coastal Zone Management Act | | |

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|----------------|---|---------------|---|
| GUNEX | Gun Exercise | NAVFAC PAC | Naval Facilities Engineering Command Pacific |
| HARMEX | High-Speed Anti-Radiation Missile Exercise | NAVMAG | Naval Magazine |
| HAZMINCEN | Hazardous Material Minimization Center | NAVSEA | Naval Sea Systems Command |
| HLX | cyclotetramethylenetetranitramine | NAVSPECWARCOM | Naval Special Warfare Command |
| HP | Historic Property | NAVSTA | Naval Station |
| HRST | Helicopter Rope Suspension Training | NBK | Naval Base Kitsap |
| HSMST | High Speed Maneuverable Surface Target | NEPA | National Environmental Policy Act |
| Hz | Hertz | NEW | Net Explosive Weight |
| I MEF | I Marine Expeditionary Force | NHPA | National Historic Preservation Act |
| ICAP | Improved Capability | Nm | nautical miles |
| ICRMP | Integrated Cultural Resources Management Plan | NMFS | National Marine Fisheries Service |
| IED | Improvised Explosive Device | NMML | National Marine Mammal Laboratory |
| IEER | Improved Extended Echo Ranging | NO2 | nitrogen dioxide |
| IFR | Instrument Flight Rules | NOAA | National Oceanic and Atmospheric Administration |
| IMPASS | Integrated Maritime Portable Acoustic Scoring and Simulator Systems | NOI | Notice of Intent |
| INRMP | Integrated Natural Resources Management Plan | NOTAM | Notice to Airmen |
| IOC | Initial Operational Capability | NOTMAR | Notice to Mariners |
| ISR | Intelligence, Surveillance, and Reconnaissance | NOx | Nitrogen Oxide |
| ISTT | Improved Surface Tow Targets | NPDES | National Pollutant Discharge Elimination System |
| IUPAC | International Union of Pure and Applied Chemistry | NRC | National Research Council |
| JATO | Jet Assisted Take-Off | NSCT-1 | Naval Special Clearance Team ONE |
| JTFEX | Joint Task Force Exercise | NSW | Naval Special Warfare |
| kHz | Kilohertz | NSWC | Naval Surface Warfare Center |
| Km | Kilometer | NSWG | Naval Special Warfare Group |
| kts | Knots | NSWG-3 | Naval Special Warfare Group Three |
| lb | Pound | N-UCAS | Navy Unmanned Combat Air System |
| LMRS | Long-term Mine Reconnaissance System | NUWC | Naval Undersea Warfare Center |
| LOA | Letter of Authorization | NWSTF | Naval Weapons Systems Training Facility |
| LOP | Letter of Procedure | NWTRC | Northwest Training Range Complex |
| LQG | Large Quantity Generator | OAAQS | Oregon Ambient Air Quality Standards |
| LZ | Landing Zone | OAR | Oregon Administrative Rules |
| m | Meter | O3 | Ozone |
| m ² | Square Meter | OCMP | Oregon Coastal Management Program |
| MBTA | Migratory Bird Treaty Act | OCNMS | Olympic Coast National Marine Sanctuary |
| MCM | Mine Countermeasures | ODEQ | Oregon Department of Environmental Quality |
| METOC | Meteorological and Oceanographic Operations | OEIS | Overseas Environmental Impact Statement |
| MEU | Marine Expeditionary Unit | OLF | Outlying Landing Field |
| MFA | Mid-Frequency Active | OPA | Oil Pollution Act of 1990 |
| min | Minute | OPAREA | Operating Area |
| MINEX | Mine Laying Exercise | OPFOR | Opposition Force |
| MIW | Mine Warfare | OPNAV | Office of the Chief of Naval Operations |
| MMA | Multi-mission Maritime Aircraft | OPNAVINST | Chief of Naval Operations Instruction |
| MMPA | Marine Mammal Protection Act | ORMA | Ocean Resources Management Act |
| MMR | Military Munitions Rule | OTB | Over the Beach |
| MOA | Military Operating Area | PA | Programmatic Agreement |
| MPA | Maritime Patrol Aircraft | PAC | pre-action calibration and alignment |
| MRA | Marine Resource Assessment | PACFLT | Pacific Fleet |
| MRUUV | Mission Reconfigurable Unmanned Undersea Vehicle | PACNW | Pacific Northwest |
| ms | Millisecond | PADS | Portable Air Defense System |
| MSL | Mean Sea Level | PAH | Polycyclic Aromatic Hydrocarbons |
| MSFCMA | Magnuson Stevens Fishery Conservation Management Act | PBX | Plastic Bonded Explosives |
| N | Nitrogen | PCB | Polychlorinated Biphenyl |
| NAAQS | National Ambient Air Quality Standards | PCFA | Pacific Coast Feeding Aggregation |
| NAS | Naval Air Station | PFMC | Pacific Fisheries Management Council |
| NASWI | Naval Air Station Whidbey Island | pH | Alkalinity |
| NATO | North Atlantic Treaty Organization | PM | Program Manager |
| NAVFAC NW | Naval Facilities Engineering Command Northwest | PM10 | Particulate Matter up to 10 micrometers |
| | | PMAP | Protective Measures Assessment Protocol |
| | | PMAR | Navy Primary Mission Area |
| | | PNEC | probable no effect concentration |

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| ppb | parts per billion | TOC | Total Organic Carbon |
| ppt | parts per thousand | TORPEX | Torpedo Exercise |
| psi | pounds per square inch | TRACKEX | Tracking Exercise |
| PSC | Pacific Salmon Commission | TRADET | Training Detachment |
| PSWQAT | Puget Sound Water Quality Action | TSCA | Toxic Substances Control Act |
| PTS | Permanent Threshold Shift | TSDR | Transfer, Storage, or Disposal or Recycle |
| PUTR | Portable Undersea Tracking Range | TTS | Temporary Threshold Shift |
| R- | Restricted Area | TM | Tympanic Membrane |
| RCD | Required Capabilities Document | UAS | Unmanned Aerial System |
| RCRA | Resource Conservation and Recovery Act | UAV | Unmanned Aerial Vehicle |
| RCW | Revised Code of Washington | ULT | Unit Level Training |
| RDT&E | Research, Development, Test and Evaluation | UNDET | Underwater Detonation |
| RDX | (1) Royal Demolition Explosive (2) Research Department Explosive | UNDS | Uniform National Discharge Standards |
| RF | Radio Frequency | U.S. | United States |
| RHA | Rivers and Harbors Act | USAF | U.S. Air Force |
| RHIB | Rigid Hull Inflatable Boats | U.S.C. | United States Code |
| RIMPAC | Rim of the Pacific Exercise | USCG | United States Coast Guard |
| ROD | Record of Decision | USEPA | U.S. Environmental Protection Agency |
| ROG | Reactive Organic Gases | USFF | United States Fleet Forces |
| ROI | region of influence | USFWS | United States Fish and Wildlife Service |
| S | South | USMC | United States Marine Corps |
| S-A | Surface-to-Air | USN | United States Navy |
| S-S | Surface-to-Surface | USW | Undersea Warfare |
| SAM | Surface-to-Air Missile | USWTR | Undersea Warfare Training Range |
| SAMEX | Surface to Air Missile Exercise | UUV | Unmanned Underwater Vehicle |
| SAR | Search and Rescue | UXO | Unexploded Ordnance |
| SBU | Special Boat Units | VFR | Visual Flight Rules |
| SCI | | VTNF | Variable, Timed, Non-Fragmentation |
| SDVT-1 | SEAL Delivery Vehicle Team ONE | VTUAS | Vertical Takeoff And Landing Unmanned Aerial System |
| SEAD | Suppression of Enemy Air Defenses | VTS | Vessel Traffic Service |
| SEAL | Sea, Air, Land | W | West |
| SEPA | State Environmental Policy Act | W- | Warning Area |
| SEPTAR | Seaborne Powered Targets | WAAQS | Washington Ambient Air Quality Standards |
| SFA | Sustainable Fisheries Act | WAC | Washington Annotated Code |
| SINKEX | Sinking Exercise | WDNR | Washington Department of Natural Resources |
| SIP | State Implementation Plan | WDOE | Washington Department of Ecology |
| SMA | Shoreline Management Act | WSDE | Washington State Department of Ecology |
| SME | Subject Matter Experts | | |
| SMS | Sediment Management Standard | | |
| SO2 | Sulfur Dioxide | | |
| SOCAL | Southern California | | |
| SOF | Special Operations Forces | | |
| SONAR | Sound Navigation And Ranging | | |
| SOP | Standard Operating Procedure | | |
| SPAWAR | Space and Naval Warfare Systems | | |
| SPIE | Special Purpose Insertion and Extraction | | |
| SQG | Small Quantity Generator | | |
| SSBN | Nuclear-Powered Ballistic Missile Submarine | | |
| SSG | Surface Strike Group | | |
| SSGN | Guided Missile Submarines | | |
| STW | Strike Warfare | | |
| SUA | Special-Use Airspace | | |
| SUBASE | Submarine Base | | |
| SURTASS | Surveillance Towed Array Sensor System | | |
| SUS | Signal, Underwater Sound | | |
| TALDs | Tactical Air Launched Decoys | | |
| TAP | Tactical Training Theater Assessment Planning | | |
| TDU | Target Drone Unit | | |
| TFR | Temporary Flight Restriction | | |
| TMDL | Total Maximum Daily Load | | |
| TNT | Trinitrotoluene | | |

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