

APPENDIX 1D
List of Acronyms

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|-------|---|
| ABS | Acrylonitrile Butadiene Styrene |
| ACF | Actual Cubic Feet |
| ACFM | Actual Cubic Feet per Minute |
| ACGIH | American Conference of Governmental Industrial Hygienists |
| ACLS | Advanced Cardiac Life Support |
| ADS | Advance Diving System |
| AGE | Arterial Gas Embolism |
| ALSS | Auxiliary Life-Support System |
| AM | Amplitude Modulated |
| ANU | Authorized for Navy Use List |
| AQD | Additional Qualification Designator |
| ARD | Audible Recall Device |
| ARS | Auxiliary Rescue/Salvage Ship |
| AS | Submarine Tender |
| ASDS | Advanced Seal Delivery System |
| ASRA | Air Supply Rack Assembly |
| ASME | American Society of Mechanical Engineers |
| ASU | Air Support Unit |
| ATA | Atmosphere Absolute |
| ATP | Ambient Temperature and Pressure |
| ATS | Active Thermal System |
| BC | Buoyancy Compensator |
| BCLS | Basic Cardiac Life Support |

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|-------|---|
| BIBS | Built-In Breathing System |
| BPM | Breaths per Minute |
| BTPS | Body Temperature, Ambient Pressure |
| BTU | British Thermal Unit |
| CDO | Command Duty Officer |
| CDU | Consolidated Diving Unit |
| CETU | Closed-Circuit Television |
| CGA | Compressed Gas Association |
| CNO | Chief of Naval Operations |
| CNS | Central Nervous System |
| CONUS | Continental United States |
| COSAL | Coordinated Shipboard Allowance List |
| CPR | Cardiopulmonary Resuscitation |
| CRS | Chamber Reducing Station |
| CSMD | Combat Swimmer Multilevel Dive |
| CSS | Coastal System Station |
| CUMA | Canadian Underwater Minecountermeasures Apparatus |
| CWDS | Contaminated Water Diving System |
| CWPDS | Chemical Warfare Protective Dry Suit |
| DATPS | Divers Active Thermal Protection System |
| DC | Duty Cycle |
| DCIEM | Defense & Civil Institute of Environmental Medicine |
| DCS | Decompression Sickness |
| DDC | Deck Decompression Chamber |
| DDS | Deep Diving System |

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|--------|---|
| DDS | Dry Deck Shelter |
| DHMLS | Divers Helmet Mounted Lighting System |
| DLSE | Diving Life-Support Equipment |
| DLSS | Divers Life Support System |
| DMO | Diving Medical Officer |
| DMS | Dive Monitoring System |
| DMT | Diving Medical Technician |
| DOT | Department of Transportation |
| DRS | Dive Reporting System |
| DSI | Diving Systems International |
| DSM | Diving System Module |
| DSRG | Deep Submergence Review Group |
| DSRV | Deep Submergence Rescue Vehicle |
| DSSP | Deep Submergence System Project |
| DT | Dive Time <i>or</i> Descent Time |
| DT/DG | Dive Timer/Depth Gauge |
| DTC | Definitive Treatment Chamber |
| DUCTS | Divers Underwater Color Television System |
| DV | Diver |
| DVPS | Diver Propulsion Vehicles |
| EAD | Equivalent Air Depth |
| EBA | Emergency Breathing Apparatus |
| EBS I | Emergency Breathing System I |
| EBS II | Emergency Breathing System II |
| EDF | Experimental Diving Facility |

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|------------------|---------------------------------------|
| EDU | Experimental Diving Unit (Canadian) |
| EDWS | Enhanced Diver Warning System |
| EEC | Emergency Evacuation Chamber |
| EGS | Emergency Gas Supply |
| ENT | Ear, Nose, and Throat |
| EOD | Explosive Ordnance Disposal |
| EPs | Emergency Procedures |
| ESDS | Enclosed Space Diving System |
| ESSM | Emergency Ship Salvage Material |
| FADS I | Flyaway Air Dive System I |
| FADS II | Flyaway Air Dive System II |
| FADS III | Flyaway Dir Dive System III |
| FAIR | Failure Analysis or Inadequacy Report |
| FAR | Failure Analysis Report |
| FARCC | Flyaway Recompression Chamber |
| FED SPEC | Federal Specifications |
| FFM | Full Face Mask |
| FFW | Feet of Fresh Water |
| FMGS | Flyaway Mixed-Gas System |
| FPM | Feet per Minute |
| FSW | Feet of Sea Water |
| FV | Floodable Volume |
| GFI | Ground Fault Interrupter |
| GPM | Gallons per Minute |
| HBO ₂ | Hyperbaric Oxygen |

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|-------|---|
| HCU | Harbor Clearance Unit |
| HOSRA | Helium-Oxygen Supply Rack Assembly |
| HP | High Pressure |
| HPNS | High Pressure Nervous Syndrome |
| HSU | Helium Speech Unscrambler |
| ICCP | Impressed-Current Cathodic Protection |
| IDV | Integrated Divers Vest |
| IL | Inner Lock |
| ILS | Integrated Logistics Support |
| ISIC | Immediate Senior in Command |
| IUSS | Submarine Integrated Undersea Surveillance System |
| JAG | Judge Advocate General |
| J/L | Joules per Liter, Unit of Measure for Work of Breathing |
| KwHr | Kilowatt Hour |
| LARU | Lambertsen Amphibious Respiratory Unit |
| LAR V | Draeger Lung Automatic Regenerator |
| LB | Left Bottom |
| LCM | Landing Craft |
| LFA | Low Frequency Acoustic |
| LFS | Low Frequency Sonar |
| LP | Low Pressure |
| LPM | Liters per Minute |
| LS | Left Surface |
| LSS | Life Support System <i>or</i> Life Support Skid |
| LWDS | Light Weight Diving System |

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| MBC | Maximal Breathing Capacity |
| MCC | Main Control Console |
| MDSU | Mobile Diving and Salvage Unit |
| MDV | Master Diver |
| MEFR | Maximum Expiratory Flow Rate |
| MEV | Manual Exhaust Valve |
| MFP | Minimum Flask Pressure |
| MGCCA | Mixed-Gas Control Console Assembly |
| MIFR | Maximum Inspiratory Flow Rate |
| MILSTD | Military Standards |
| MMP | Minimum Manifold Pressure |
| MP | Medium Pressure |
| MRC | Maintenance Requirement Card |
| MSW | Meters of Sea Water |
| MVV | Maximum Ventilatory Volume |
| NAVEDTRA | Naval Education Training |
| NAVFAC | Naval Facilities Engineer Command |
| NAVMED | Naval Medical Command |
| NAVSEA | Naval Sea Systems Command |
| ND | Noise Dose |
| NDSTC | Naval Diving and Salvage Training Center |
| NEC | Navy Enlisted Classification |
| NEDU | Navy Experimental Diving Unit |
| NEURO | Neurological Examination |
| NID | Non-Ionic Detergent |

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|-------------------|--|
| NITROX | Nitrogen-Oxygen |
| NMRI | Navy Medical Research Institute |
| NOAA | National Oceanic and Atmospheric Administration |
| NO-D | No Decompression |
| NPC | Naval Personnel Command |
| NRV | Non Return Valve |
| NSMRL | Navy Submarine Medical Research Laboratory |
| NSN | National Stock Number |
| NSTM | Naval Ships Technical Manual <i>or</i> NAVSEA Technical Manual |
| O&M | Operating and Maintenance |
| OBP | Over Bottom Pressure |
| OCEI | Ocean Construction Equipment Inventory |
| OIC | Officer in Charge |
| OJT | On the Job Training |
| OL | Outer Lock |
| OOD | Officer of the Deck |
| OPs | Operating Procedures |
| OSF | Ocean Simulation Facility |
| OSHA | Occupational Safety and Health Administration |
| P&O2 | Pressure and Oxygen |
| PEL | Permissible Exposure Limit |
| PMS | Planned Maintenance System |
| PNS | Peripheral Nervous System |
| PP | Partial Pressure |
| PPCO ₂ | Partial Pressure Carbon Dioxide |

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|------------------|---------------------------------|
| PPM | Parts per Million |
| PPO ₂ | Partial Pressure Oxygen |
| PRC | Portable Recompression Chamber |
| PSI | Pounds per Square Inch |
| PSIA | Pounds per Square Inch Absolute |
| PSIG | Pounds per Square Inch Gauge |
| PSOB | Pre-Survey Outline Booklet |
| PTC | Personnel Transfer Capsule |
| PTS | Passive Thermal System |
| QA | Quality Assurance |
| RB | Reached Bottom |
| RCC | Recompression Chamber |
| REC | Re-Entry Control |
| RMV | Respiratory Minute Ventilation |
| RNT | Residual Nitrogen Time |
| ROV | Remotely Operated Vehicles |
| RQ | Respiratory Quotient |
| RS | Reached Surface |
| RSP | Render Safe Procedure |
| SAD | Safe Ascent Depth |
| SCA | System Certification Authority |
| SCF | Standard Cubic Feet |
| SCFM | Standard Cubic Feet per Minute |
| SCFR | Standard Cubic Feet Required |
| SCSC'S | System Certification Cards |

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|-----------|---|
| SCUBA | Self Contained Underwater Breathing Apparatus |
| SDASS | Special Divers Air Support System |
| SDC | Submersible Decompression Chamber |
| SDRW | Sonar Dome Rubber Window |
| SDS | Saturation Diving System |
| SDV | Seal Delivery System |
| SEAL | Sea, Air, and Land |
| SET | Surface Equivalent Table |
| SEV | Surface Equivalent (percent or pressure) |
| SI | Surface Interval <i>or</i> System International |
| SITRR | Submarine IUSS Training Requirements Review |
| SLM | Standard Liters per Minute (short version used in formulas) |
| SLPM | Standard Liters per Minute |
| SNDB | Standard Navy Dive Boat |
| SOC | Scope of Certifications |
| SPCC | Strength Power Communication Cable |
| SPL | Sound Pressure Level |
| SRDRS | Submarine Diving and Recompression System |
| SSB | Single Side Band |
| SSDS | Surface Supplied Diving System |
| STEL | Safe Thermal Exposure Limits |
| STP | Standard Temperature and Pressure |
| STPD | Standard Temperature and Pressure, Dry Gas |
| SUR D | Surface Decompression |
| SUR D AIR | Surface Decompression Using Air |

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|----------|--|
| SUR D O2 | Surface Decompression Using Oxygen |
| T-ATF | Fleet Ocean Tug |
| TBT | Total Bottom Time |
| TDCS | Tethered Diver Communication System |
| TDT | Total Decompression Time |
| TL | Transfer Lock |
| TLC | Total Lung Capacity |
| TLD | Thermal Luminescence Dosimeter |
| TLV | Threshold Limit Values |
| TM | Technical Manual |
| TMDER | Technical Manual Deficiency Evaluation Report |
| TRC | Transportable Recompression Chamber |
| TRCS | Transportable Recompression Chamber System |
| TTD | Total Time of Dive |
| UBA | Underwater Breathing Apparatus |
| UCT | Underwater Construction Team |
| UDM | Underwater Decompression Monitor |
| UDT | Underwater Demolition Team |
| UQC | Underwater Mobile Sound Communications |
| UWSH | underwater ship husbandry |
| VENTIDC | Vision Ear Nausea Twitching Irritability Dizziness Convulsions |
| VTA | Volume Tank Assembly |
| VVDS | Variable Volume Dry Suit |
| WOB | Work of Breathing |
| YDT | Diving Tender |