

## ACRONYMS AND DEFINITIONS

| Acronym | Definition                                    |
|---------|---|
| 2K      | OPNAV 4790/2K Ship's Maintenance Form         |
| 3-M     | Maintenance and Material Management           |
| A&I     | Alteration and Improvement                    |
| AAMC    | Army Aviation Material Command                |
| AAAV    | Amphibious Attack and Assault Vehicles        |
| AAC     | Acquisition Advice Codes                      |
| AAP     | Allowance Appendix Page                       |
| ACAT    | Acquisition Category                          |
| ACCMP   | Aircraft Carrier Class Maintenance Plan       |
| ACL     | Allowance Components List                     |
| ACO     | Administrative Contracting Officer            |
| ACP     | Allowance Control Panel                       |
| ADOCS   | Automated Deep Operations Coordination System |
| AEL     | Allowance Equipage List                       |
| AER     | Alteration Equivalent to Repair               |
| AFATDS  | Advanced Field Artillery Tactical Data System |
| AFOM    | Alteration Figure of Merit                    |
| AFOSS   | Aviation Fuel Operational Sequencing System   |
| AG      | Activity Group                                |
| AHMP    | Advance Planning Hull Modernization Plan      |
| AIM     | Authoring Instructional Materials             |
| AIPS    | Alteration Installation Planning System       |
| AIS     | Automated Information System                  |
| AIT     | Alteration Installation Team                  |
| ALSP    | Acquisition Logistics Support Plan            |
| AML     | Alteration Material List                      |
| AMPS    | Afloat Master Planning System                 |
| AMT     | Amalgamated Military/Technical                |
| AP      | Acquisition Plan                              |
| APN     | Aircraft Procurement, Navy                    |
| ASC     | Alteration Status Code                        |
| ASI     | Automated Shore Interface                     |
| ASN     | Assistant Secretary of the Navy               |
| ATAC    | Army Tank-Automotive Center                   |
| ATC     | Approval to Connect                           |
| ATE     | Automatic Test Equipment                      |
| ATIS    | Advanced Technical Information Support        |
| ATO     | Authorization to Operate                      |
| ATR     | Above Threshold Reprogramming                 |
| ATRC    | Aegis Training and Readiness Center           |
| AUTODOC | Automated Document Processing System          |
| AUXOSS  | Auxiliary Operational Sequencing System       |
| AWP     | Availability Work Package                     |
| BCA     | Business Case Analysis                        |
| BEDD    | Best Estimated Delivery Date                  |

| Acronym  | Definition   |
|----------|--|
| BEDDRMKS | Best Estimated Delivery Date Remarks   |
| BFI      | Battle Force Interoperability  |
| BITE     | Built-In Test Equipment  |
| BLI      | Budget Line Item   |
| BMD      | Ballistic Missile Defense  |
| BOM      | Bill of Material   |
| BOSS     | Ballasting Operational Sequencing System   |
| BRT      | Barrier Removal Team   |
| BSO      | Budget Submitting Office   |
| BTR      | Below Threshold Reprogramming  |
| C2PC     | Command and Control Personal Computer  |
| C4I      | Command, Control, Communications, Computers and Intelligence   |
| C4ISR    | Command, Control, Communications, Computer, Intelligence, Surveillance and Reconnaissance                  |
| C5ISR    | Command, Control, Communication, Computers, Collaboration and Intelligence Surveillance and Reconnaissance |
| C5I      | Command, Control, Communications, Computers, Combat Systems and Intelligence                               |
| C5IMP    | Command, Control, Communication, Computers, Combat Systems and Intelligence Master Plan                    |
| CAC      | Common Access Card   |
| CAE      | Component Acquisition Executive  |
| CAGE     | Contractor And Government Entity   |
| CALICO   | Carrier Availability Logistics Integration Coordinator   |
| CALSTD   | Calibration Standard   |
| CAT      | Category 12  |
| CATOSS   | Catapult Operational Sequencing System   |
| CBA      | Cost Benefit Analysis  |
| CBM      | Condition-Based Maintenance  |
| CC       | Change Coordinator   |
| CCB      | Configuration Control Board  |
| CCOP     | Cytological Carry Onboard Program  |
| CCOS     | Compartment Closeout Schedule  |
| CDD      | Capability Definition Document   |
| CDM      | Configuration Data Manager   |
| CDMD-OA  | Configuration Data Managers Database-Open Architecture   |
| CDR      | Commander  |
| CDRL     | Contract Data Requirements List  |
| CD-ROM   | Compact Disk - Read Only Memory  |
| CFC      | Candidate for Change   |
| CFE      | Contractor Furnished Equipment   |
| CFFC     | Commander, Fleet Forces Command  |
| CFOSS    | Cargo Fuel Operational Sequencing System   |
| CIL      | Capitol Investment for labor   |
| CIWS     | Close In Weapons System  |
| CJCSM    | Chairman of the Joints Chief of Staff Memorandum   |
| CK       | OPNAV 4790/CK Ship's Configuration Change Forms  |
| CLASSRON |  |

| Acronym            | Definition  |
|--------------------|---|
| CLASSON            | Class Squadron  |
| CM                 | Configuration Management                                      |
| CMAV               | Continuous Maintenance Availability                           |
| CMP                | Class Maintenance Plan  |
| CMRS               | Calibration Measurement Requirements Summary                  |
| CND                | Computer Network Defense                                      |
| CNAF               | Commander, Naval Air Forces                                   |
| CNNWC              | Commander Naval Network Warfare Command                       |
| CNO                | Chief of Naval Operations                                     |
| CNSF               | Commander Naval Surface Forces                                |
| CNSFNOTE           |   |
| COB                | Close of Business   |
| COG                | Cognizance  |
| COH                | Complex Overhaul  |
| COMM               | Commercial  |
| COMNAVSEASYSKOM    | Commander Naval Sea Systems Command                           |
| COMNAVIAIRFORCE    | Commander Naval Air Forces                                    |
| COMNAVSURFLANTINST | Commander, Naval Surface Force, US Atlantic Fleet Instruction |
| COMNAVSURFOR       | Commander, Naval Surface Forces                               |
| COMNAVSURFPACINST  | Commander, Naval Surface Force, US Pacific Fleet Instruction  |
| COMPACFLT          | Commander, Pacific Fleet                                      |
| COMPTUEX           | Composite Unit Training Exercise                              |
| COMSUBFOR          | Commander, Submarine Forces                                   |
| COMUSFLTFORCOM     | Commander US Fleet Forces Command                             |
| CONUS              | Continental US  |
| COP                | Configuration Overhaul Planning                               |
| COR                | Culture of Readiness  |
| COSAL              | Coordinated Shipboard Allowance List                          |
| COTS               | Commercial Off the Shelf                                      |
| CPA                | Carrier Planning Activity                                     |
| CPAM               | CNO Program Analysis Memorandum                               |
| CPD                | Capabilities Production Document                              |
| CPF                | COMPACFLT/Commander, U.S. Pacific Fleet                       |
| CPFINST            |   |
| CPM                | Centrally Provided Material                                   |
| CQR                | Configuration Quality Review                                  |
| CRA                | Continuing Resolution Authority                               |
| CRL                | Calibration Requirements List                                 |
| CS                 | Combat Systems  |
| CSA                | Configuration Status Accounting                               |
| CSG                | Carrier Strike Group  |
| CSMP               | Current Ship Maintenance Project/Plan                         |
| CSOSS              | Combat Systems Operational Sequencing System                  |
| CSTOM              | Combat System Technical Operations Manual                     |
| CUSFFC             | Commander, United States Fleet Forces Command                 |
| CSW                | Cost Structure Worksheet                                      |
| CTN                | Change Tracking Number  |
| CV                 | Multi-purpose aircraft carrier                                |

| Acronym | Definition  |
|---------|---|
| CVN     | Multi-purpose aircraft carrier (nuclear propulsion)                             |
| CWP     | Cumbersome Work Practices   |
| DA      | Design Agent  |
| DAA     | Designated Approving Authority  |
| DAASC   | Defense Automated Addressing Service Center                                     |
| DASN    | Deputy Assistant Secretary of the Navy  |
| DBR     | Database Reconciliation   |
| DCMS    | Director, Communications Security Material System                               |
| DET     | Detachment  |
| DFSC    | Defense Fuel Supply Center  |
| DGSIT   | Deploying Group Systems Integration Testing                                     |
| DIRSSP  | Director, Strategic Systems Programs  |
| DISC    | Defense Industrial Supply Center  |
| DITSCAP | Defense Information Technology Security Certification and Accreditation Process |
| DLA     | Defense Logistics Agency  |
| DLR     | Depot Level Repairable  |
| DMI     | Depot Maintenance Interservice  |
| DMSMS   | Diminishing Manufacturing Sources and Material Shortages                        |
| DoD     | Department of Defense   |
| DoDAAC  | Department of Defense Activity address Code                                     |
| DoDI    | Department of Defense Instruction   |
| DON     | Department of the Navy  |
| DOP     | Designated Overhaul Point   |
| DP      | Decision Point  |
| DSA     | Design Services Allocation  |
| DSC     | Defense Supply Centers  |
| DSCC    | Defense Supply Center- Richmond   |
| DSCP    | Defense Supply Center Philadelphia  |
| DSCR    | Defense Supply Center-Columbus  |
| DSN     | Defense Switched Network  |
| EA      | Engineering Agent   |
| EC      | Engineering Change  |
| EC      | Escrow Change   |
| eCCB    | electronic Configuration Control Board  |
| ECD     | Estimated Completion Date   |
| ECM     | Engineering Configuration Manager   |
| ECP     | Engineering Change Proposal   |
| EDFP    | Engineering Data for Provisioning   |
| EDSRA   | Extended Dry-docking Selected Restricted Availability                           |
| EFR     | Equipment Facility Requirements   |
| EHMP    | Execution Planning Hull Modernization Plan                                      |
| EIC     | Equipment Identification Code   |
| EMC     | Electromagnetic Compatibility   |
| EMI     | Electromagnetic Interference  |
| EMX     |   |
| EOA     | End of Availability   |
| EOI     | End of Installation   |

| Acronym | Definition  |
|---------|---|
| EOP     | Engineering Operational Procedures                            |
| EP      | Entitled Process  |
| EQU     | Equipment   |
| ERM     | Engineering for Reduced Maintenance                           |
| ESG     | Expeditionary Strike Group                                    |
| ESWBS   | Expanded Ship Work Breakdown Structure                        |
| ETD     | Effective Transfer Date                                       |
| EY      | Executing Yard  |
| FAD     | Financial Accounting Document                                 |
| FC      | Field Change  |
| FD      | Funding Document  |
| FICI    | First in Class Installation                                   |
| FIFO    | First In, First Out   |
| FISC    | Fleet and Industrial Supply Center                            |
| FLIS    | Federal Logistics Information Service                         |
| FLTCDR  | Fleet Commander   |
| FLTMOD  | Fleet Modernization   |
| FMA     | Fleet Maintenance Activities                                  |
| FMB     | Financial Management of Budgets                               |
| FMP     | Fleet Modernization Program                                   |
| FMPMIS  | Fleet Modernization Program Management Information System     |
| FMS     | Foreign Military Sales  |
| FOSS    | Fuel Operational Sequencing System                            |
| FP      | Fielding Plan   |
| FRE     | Final Review Estimates  |
| FRP     | Full Rate Production/Fleet Response Plan                      |
| F RTP   | Fleet Response Training Plan                                  |
| FSS     | Federal Supply System   |
| FTTD    | Fleet Tailored Technical Data                                 |
| FW      | Firmware  |
| FY      | Fiscal Year   |
| FYDP    | Future Year Defense Plan                                      |
| GBL     | Government Bill of Lading                                     |
| GCCS-J  | Global Command and Control System-Joint                       |
| GCCS-M  | Global Command and Control System - Maritime                  |
| GDAPL   | General Distribution Allowance Parts List                     |
| GFE     | Government Furnished Equipment                                |
| GFM     | Government Furnished Material                                 |
| GPETE   | General Purpose Electronic Test Equipment                     |
| GPS     | Global Positioning System                                     |
| GSA     | General Services Administration                               |
| GUI     | Graphical User Interface                                      |
| HAT     | HSI Assessment Team   |
| HAZMAT  | Hazardous Material  |
| HCM     | Headquarters Claimant Module                                  |
| HCPM    | Headquarters Centrally Provided Material                      |
| HDBK    | Handbook  |
| HEDRS   | Hull Mechanical and Electrical Equipment Data Research System |

| Acronym | Definition  |
|---------|---|
| HME&O   | Hull, Mechanical, Electrical, and Ordnance (equipment)  |
| HM&E    | Hull, Mechanical and Electrical                         |
| HMP     | Hull Modernization Plan                                 |
| HSC     | Hardware Systems Command                                |
| HSC     | Hierarchical Structure Code                             |
| HSI     | Human System Integration                                |
| HVAC    | Heating, Ventilation and Air Conditioning               |
| HW      | Hardware  |
| I&C     | Installation and Checkout                               |
| IA      | Installation Activity                                   |
| IAF     | Installation Activity Furnished0                        |
| IAPM    | Installing Activity Provided Material                   |
| IATC    | Interim Authority to Connect                            |
| IATO    | Interim Authority to Operate                            |
| IAVA    | Information Assurance and Vulnerability Assessment      |
| IAVB    | Information Assurance Vulnerability Bulletin            |
| IAVM    | Information Assurance and Vulnerability Management      |
| IAW     | In Accordance With                                      |
| IBOM    | Installation Bill of Material                           |
| IC      | Interior Communications                                 |
| ICAPS   | Interactive Computer-Aided Provisioning System          |
| ICD     | Initial Capability Documents                            |
| ICD     | Interface Control Drawing                               |
| ICD     | Installation Control Drawing                            |
| ICMP    | Integrated Class Maintenance Plan                       |
| ICP     | Integrated Capabilities Plan                            |
| ICP     | Inventory Control Point                                 |
| IDIQ    | Indefinite Delivery/Indefinite Quantity                 |
| IFF     | Identification Friend or Foe                            |
| I Level | Intermediate Level                                      |
| ILO     | Integrated Logistics Overhaul                           |
| ILR     | Integrated Logistics Review                             |
| ILS     | Integrated Logistics Support                            |
| ILSMT   | Integrated Logistics Support Management Team            |
| ILSP    | Integrated Logistics Support Plan                       |
| IMA     | Intermediate Maintenance Activity                       |
| IMAV    | Intermediate Maintenance Availability                   |
| IMI     | Intermediate Modulation Interference                    |
| IMM     | Integrated Materiel Manager                             |
| IMPAC   | Integrated Modernization Planning for Aircraft Carriers |
| IOC     | Initial Operational Capability                          |
| IPCD    | Initial Platform Certification Decision                 |
| IPT4ACM |   |
| IRD     | Interface Required                                      |
| ISC     | Installation Status Code                                |
| ISEA    | In-Service Engineering Agent                            |
| ISIC    | Immediate Superior in Command                           |
| ISIL    | Interim Support Items List                              |

| Acronym  | Definition  |
|----------|---|
| ISNS     | Integrated Shipboard Network System                       |
| ISS      | Interim Supply Support                                    |
| ITP      | Index of Technical Publication                            |
| IWAR     | Integrated Warfare Architecture Review                    |
| IWS      | Integrated Warfare Systems                                |
| JCIDS    | Joint Capabilities Identification and Development Systems |
| JDM      | Joint Depot Maintenance                                   |
| JFMM     | Joint Fleet Maintenance Manual                            |
| JITS     | Just-In-Time Support                                      |
| JTFEX    | Joint Task Force Exercise                                 |
| JTF-GNO  | Joint Task Force – Global Network Operations              |
| KTR      |   |
| LACR     | Legacy Alteration Change Request                          |
| LADD     | Latest Acceptable Delivery Date                           |
| LAN      | Local Area Network  |
| LAR      | Liaison Action Record                                     |
| LASE     | Logistic Asset support Estimate                           |
| LCAC     | Landing Craft Air Cushion                                 |
| LCG      | Longitudinal Center of Gravity                            |
| LCM      | Life Cycle Manager  |
| LCU      | Landing Craft Utility                                     |
| LEM      | Logistics Element Manager                                 |
| LESA     | Logistics Element Support Activity                        |
| LF       | Landing Force   |
| LHA1     |   |
| LLTM     | Long Lead Time Material                                   |
| LOA      | Letter of Authorization                                   |
| LOEP     | List of Effective Pages                                   |
| LPM      | Locally Provided Material                                 |
| LRIP     | Low Rate Initial Production                               |
| LRP      | Logistics Review Process                                  |
| LSM      | Logistically Significant Material                         |
| LSSC     | Logistic Support Status Code                              |
| MACHALT  | Machinery Alteration                                      |
| MAM      | Maintenance Assistance Module                             |
| MAMS     | Material Acquisition Management System                    |
| MAQ      | Merit Assessment Questionnaire                            |
| MCP      | Mission Capability Package                                |
| MDA      | Milestone Decision Authority                              |
| MDS      | Miscellaneous Documentation Services                      |
| METCAL   | Metrology and Calibration                                 |
| METRL    | Metrology Requirements List                               |
| MFOM     | Maintenance Figure of Merit                               |
| MFR      | Memorandum for the Record                                 |
| MILCON   | Military Construction                                     |
| MILR     | Modernization In Lieu of Repair                           |
| MIL-SPEC | Military Specification                                    |
| MILSTRAP | Military Standard Transaction Reporting and Accounting    |

| Acronym    | Definition  |
|------------|---|
|            | Procedures  |
| MILSTRIP   | Military Standard Requisitioning and Issue Procedure              |
| MIP        | Maintenance Index Page  |
| MMBP       | Maintenance and Modernization Business Plan                       |
| MMEP       | Modernization Execution Plan                                      |
| MML        | Material Management List  |
| MOA        | Memorandum of Agreement   |
| MP         | Modernization Plan  |
| MP&T       | Manpower, Personnel and Training                                  |
| MPM        | Maintenance Program Manager                                       |
| MPO        | Major Project Office  |
| MRA        | Modernization Readiness Assessment                                |
| MRC        | Maintenance Requirements Card                                     |
| MS         | Maintenance Standard  |
| MS         | Milestone   |
| MSC        | Commander, Military Sealift Command                               |
| MSC        | Maintenance Support Center  |
| MSD        | Material Support Date   |
| MSMO       | Multi Ship Multi Option   |
| MTA        | Modernization Through Attrition                                   |
| MTE        | Mechanical Test Equipment   |
| MTIS       | Material Turned Into Stores                                       |
| MTLID      | Material Identification   |
| NADOC      | Naval Aviation Depot Operations Center                            |
| NATEC      | Naval Air Technical Data and Engineering Service Command          |
| NAVAIR     | Naval Air Systems Command   |
| NAVCOMPT   | Office of the Comptroller of the Navy                             |
| NAVICP     | Naval Inventory Control Point                                     |
| NAVICP-M   | Naval Inventory Control Point–Mechanicsburg                       |
| NAVICP-P   | Naval Inventory Control Point-Philadelphia                        |
| NAVSEA     | Naval Sea Systems Command   |
| NAVSEA 05  | Naval Sea Systems Command, Integrated Warfare Systems Directorate |
| NAVSEA 08  | Naval Sea Systems Command, Deputy Command for Nuclear Propulsion  |
| NAVSEAINST | Naval Sea Systems Command Instruction                             |
| NAVSUP     | Naval Supply Command  |
| NCA        | Naval Calibration Activity  |
| NCDOC      | Navy Cyber Defense Operations Command                             |
| NCDP       | Naval Capabilities Development Process                            |
| NCE        | Navy Calibration Equipment  |
| NCMC       | NNFE C5I Modernization Conference                                 |
| NCR        | No Calibration Required   |
| NCTSI      | Naval Center for Tactical Systems Interoperability                |
| NDE        | Navy Data Environment   |
| NDE-AMPS   | NDE Afloat Master Planning System                                 |
| NDE-EP     | Navy Data Environment-Entitled Process                            |
| NDE-ILS/ML | Navy Data Environment–ILS/Master List                             |

| Acronym      | Definition  |
|--------------|---|
| NDE-NM       | Navy Data Environment – Navy Modernization  |
| NDE-SIDE     | NDE-SPAWAR Integrated Data Environment  |
| NDI          | Non-Developmental Item  |
| NEMAIS       | Navy Enterprise Maintenance Automated Information System                          |
| NETWARCOM    | Naval Network Warfare Command   |
| NICN         | Navy Item Control Number  |
| NLT          | No Later Than   |
| NMCI         | Navy Marine Corps Internet  |
| NMP          | Navy Modernization Process  |
| NNPI         | Navy Nuclear Propulsion Information   |
| NNWC         | Naval Network Warfare Command   |
| NOFORN       | No Foreign Access   |
| NPC          | Non Permanent Change  |
| NSA          | Naval Supervising Activity  |
| NSDSA        | Naval Systems Data Support Activity   |
| NSLC         | Naval Supply Logistics Command  |
| NSN          | National Stock Number   |
| NSTS         | NAVSEA Technical Specification  |
| NSWC         | Naval Surface Warfare Center  |
| NSWCCD-SSES  | Naval Surface Warfare Center, Carderock Division-Ship Systems Engineering Station |
| NSWC-IHD Det | Naval Surface Warfare Center, Indian Head Division, Detachment                    |
| NSY          | Naval Shipyard  |
| NTCSS        | Naval Tactical Command Support System   |
| NTIRA        | Navy Tool for Interoperability and Risk Assessment                                |
| NTSP         | Navy Training System Plan   |
| NWCF         | Navy Working Capital Fund   |
| NWSCP        | Naval Warfare System Certification Policy   |
| O&MN         | Operations & Maintenance, Navy  |
| OA           | Open Architecture   |
| OBRP         | On Board Repair Part  |
| OC-ALC       | Oklahoma City Air Logistics Center, Tinker AFB, OK                                |
| OCRS         | Online Compliance Reporting System  |
| OG-ALC       | Ogden Air Logistics Center, Hill AFB, UT  |
| O-Level      | Organizational Level  |
| OMMS-NG      | Organizational Maintenance Management System - Next Generation                    |
| OMB          | Office of Management and Budget   |
| OMN          | Operations and Maintenance, Navy  |
| OPN          | Other Procurement, Navy   |
| OPNAV        | Office of the Chief of Naval Operations   |
| ORD          | Operational Requirements Document   |
| ORDALT       | Ordinance Alteration  |
| OSD          | Office of the Secretary of Defense  |
| OSI          | Operating Space Item  |
| OSS          | Operational Sequencing System   |
| OTA          | Operational Test Agency   |
| OTP          | Overhaul Training Plan  |

| Acronym     | Definition   |
|-------------|--|
| P-VALVE     | Priority Index Value   |
| PA          | Proposed Alteration  |
| PAFOS       | Provisioning, Allowance and Fitting Out Support              |
| PAL         | Preliminary Allowance List                                   |
| PARM        | Participating Acquisition Resource Manager                   |
| PARTS       | Program Support Data Automated Reporting and Tracking System |
| PBL         | Performance Based Logistics                                  |
| PC          | Personal Computer  |
| PCB         | Printed Circuit Board  |
| PCD         | Production Cutoff Date                                       |
| PCO         | Procurement Contracting Officer                              |
| PD          | Project Directive  |
| PDA         | Personal Digital Assistant                                   |
| PDF         | Portable Document Format                                     |
| PDSS        | Post Deployment Software Support                             |
| PE          | Program Element  |
| PEO         | Program Executive Office                                     |
| PGM         | Program Manager  |
| PHD NSWC    | Naval Surface Warfare Center, Port Hueneme Divison           |
| PHIBRON-MEU | Amphibious Squadron – Marine Expeditionary Unit              |
| PHS&T       | Packaging, Handling, Storage and Transportation              |
| PICO        | Pre-Installation Check Out                                   |
| PIO         | Provisioned Item Order                                       |
| PIR         | Preliminary Installation Report                              |
| PKI         | Public Key Infrastructure                                    |
| PLGR        | Precision Lightweight GPS Reciever                           |
| PLT         | Procurement Lead Time  |
| PM          | Program Manager  |
| PMA         | Program Management Activity                                  |
| PMI         | Proposed Military Improvement                                |
| PMICS       | Push Material Inventory Control System                       |
| PMP         | Proposed Modernization Plan                                  |
| PMS         | Planned Maintenance System                                   |
| PNA         | Plan Not Authorized  |
| POA&M       | Plan of Action and Milestone                                 |
| POC         | Point of Contact   |
| POC         | Preliminary Operational Capability                           |
| POG         | Propulsion Operating Guide                                   |
| POM         | Program Objectives Memorandum                                |
| POR         | Program of Record  |
| PPBE        | Planning, Programming, Budgeting and Execution               |
| PPIL        |  |
| PPL         | Provisioning Parts List                                      |
| PPL         | Preferred Parts List   |
| PPR         | Planned Program Requirement                                  |
| PPS         | Post-Production Support                                      |
| PR          | Procurement Request  |
| PRC         | Project Review Conference                                    |

| Acronym | Definition   |
|---------|--|
| PRE     | Preliminary Review Estimate                                |
| PRISM   | Program Requirements Interface System Module               |
| PSD     | Program Support Data                                       |
| PSI     | Proposed Survivability Improvement                         |
| PSL     | Program Support Line                                       |
| PTL     | Procurement Lead Time                                      |
| PTD     | Provisioning Technical Documentation                       |
| PY      | Planning Yard  |
| QA      | Quality Assurance  |
| QISM    | Quarterly Installation Scheduling Message                  |
| QFD     | Quarterly Forecast Demand                                  |
| QOL     | Quality of Life  |
| QOS     | Quality of Service   |
| R&D     | Research and Development                                   |
| RAD     | Revised Alternative Dataflow                               |
| RADHAZ  | Radiation Hazard   |
| RCM     | Reliability Centered Maintenance                           |
| RCOH    | Refueling Complex Overhaul                                 |
| RCP     | Recommended Change Package                                 |
| RCS     | RADAR Cross Section  |
| RD&A    | Research, Development and Acquisition                      |
| RDA     | Research, Development and Acquisition                      |
| RDTEN   | Research, Development, Test & Evaluation, Navy             |
| RF      | Radio Frequency  |
| RFM     | Resource Financial Manager                                 |
| RFT     | Ready for Training   |
| RHIB    | Rigid Hull Inflatable Boat                                 |
| RIC     | Repairable Identification Code                             |
| RIN     | Record Identification Number                               |
| RMA     | Reliability, Maintainability and Availability              |
| RMC     | Regional Maintenance Center                                |
| RMMCO   | Regional Maintenance and Modernization Coordination Office |
| RMV     | Removal  |
| ROH     | Regular Overhaul   |
| ROI     | Return on Investment                                       |
| ROM     | Rough Order of Magnitude                                   |
| RPPY    | Reactor Plant Planning Yard                                |
| RRMP    | Ready Resource Material Program                            |
| RS      | Resource Sponsor   |
| S&TE    | Support and Test Equipment                                 |
| SA-ALC  | San Antonio Air Logistics Center, Kelley AFB, Texas        |
| SAG     | Sub-Activity Group   |
| SAP     | Security Assistance Program                                |
| SAR     | Ship Alteration Record                                     |
| SARP    | Ship Change and Repair Package                             |
| SC      | Ship Change  |
| SCD     | Ship Change Document                                       |
| SCLSI   | Ship Configuration and Logistics Support Information       |

| Acronym  | Definition   |
|----------|--|
| SCLISIS  | Ship Configuration and Logistics Support Information System                            |
| SCMS     | Ships Communication Material Security  |
| SCN      | Shipbuilding and Conversion, Navy  |
| SCN      | Specification Change Notice  |
| SCP      | System Calibration Procedure   |
| SDI      | Ship Drawing Index   |
| SDM      | Ships Design Manager   |
| SDR      | Supply Discrepancy Report  |
| SECNAV   | Secretary of the Navy  |
| SFI      | Strike Force Interoperability  |
| SFL      | Separate Funding Line  |
| SGML     | Standard General Markup Language   |
| SHIPALT  | Ship Alterations   |
| SHIPMAIN | Ship Maintenance and Modernization   |
| SID      | Ship Change Installation Drawing   |
| SIGSEC   | Signal Security  |
| SM-ALC   | Sacramento Air Logistics enter, McClellan AFB, CA                                      |
| SMCMM    | Ship Material Condition Metrics Model  |
| SME      | Subject Matter Expert  |
| SMIC     | Special Material Identification Code   |
| SOA      | Start of Availability  |
| SOB      | Start of Business  |
| SOI      | Start of Installation  |
| SOP      | Standard Operating Pcedures  |
| SP-21    | SEAPOWER 21  |
| SPALTS   | Strategic Systems Programs Alterations   |
| SPAWAR   | Space and Naval Warfare Systems Command  |
| SPETE    | Special Purpose Electronic Test Equipment  |
| SPIDER   | Space and Naval Warfare Systems Command PEO Integrated Data Environment and Repository |
| SPM      | Ship Program Manger  |
| SPP      | Sponsors Program Proposal  |
| SPR      | Special Program Requirements   |
| SRD      | Selected Record Drawings   |
| SRF      | Ship Repair Facility   |
| SSAA     | System Security Authorization Agreement  |
| SSCEPM   | Surface Ship and Carrier Entitled Process for Modernization                            |
| SSIL     | Significant Supply Items List  |
| SSPO     | Strategic Systems Project Office   |
| SSR      | Ship Selected Record   |
| ST-1     | Sustainment Type 1   |
| ST-2     | Sustainment Type 2   |
| STRL     | Software Technology Readiness Level  |
| STARS    | Standard Accounting Reporting System   |
| SUBMEPP  | Submarine Maintenance, Engineering, Planning and Procurement                           |
| SUBSAFE  | Submarine Safety Certification Program   |
| SUPSHIP  | Supervisors of Shipbuilding, Conversion and Repair                                     |
| SW       | Software   |

| Acronym | Definition                                     |
|---------|--|
| SWD     | Software Delivery                              |
| SYSCOM  | System Command                                 |
| T&E     | Test & Evaluation                              |
| TA      | Technical Authority                            |
| TAB     | Training Aid Booklet                           |
| TAC     | Transportation Account Code                    |
| TAMS    | Type Commander alteration Management System    |
| TAMS    | Test and Monitoring System                     |
| TAT     | Technical Assessment Team                      |
| TAT CM  | Technical Assessment Team Change Manager       |
| TBD     | To Be Determined                               |
| TBU     | Test Bed Validation                            |
| TCD     | Target Completion Date                         |
| TCG     | Transverse Center of Gravity                   |
| TD      | Training Device                                |
| TDA     | Technical Design Agent                         |
| TDMIS   | Technical Data Management Information System   |
| TDP     | Technical Data Package                         |
| TEMPEST |  |
| TI      | Technical Instruction                          |
| TM      | Technical Manual                               |
| TMAPS   | Technical Manual Application System            |
| TMAR    | Technical Manual Analysis Report               |
| TMCR    | Technical Manual Contract Requirements         |
| TMDE    | Test, Measurement and Diagnostic Equipment     |
| TMIN    | Technical Manual Identification Number         |
| TMMA    | Technical Manual Maintenance Activity          |
| TMMP    | Technical Manual Management Program            |
| TMO     | Technical Manual Outfitting                    |
| TMSR    | Technical Manual Contract Seatask Requirements |
| TNICN   | Temporary Navy Item Control Number             |
| TOA     | Toatal Obligation Authority                    |
| TO&E    |  |
| TOB     | Technical Operating Budget                     |
| TPs     | Teleprocessed Reports                          |
| TPSs    | Test Program Sets                              |
| TPU     | Total Production Units                         |
| TRL     | Technology Readiness Level                     |
| TRPPM   | Training Planning Process Methodology          |
| TSA     | Technical Support Activity                     |
| TSP     | Troubled Systems Process                       |
| TTMID   | Temporary Tracking Material Identification     |
| TVD     | Technical Variance Documentation               |
| TW      | Trident Warrior                                |
| TWH     | Technical Warrant Holder                       |
| TYCOM   | Type Commander                                 |
| UIC     | Unit Identification Code                       |
| ULSS    | User's Logistics Support Summary               |

| Acronym | Definition   |
|---------|--|
| UMMIPS  | Uniform Material Movement and Issue Priority System  |
| USMC    | United States Marine Corps                           |
| VA      | Veterans Administration                              |
| VALAID  | Validation Aid                                       |
| VCG     | Vertical Center of Gravity                           |
| VDD     | Version Description Document                         |
| Vol ID  | Volume Identification                                |
| VTC     | Video Teleconference                                 |
| W&M     | Weight and Movement                                  |
| WAF     | Work Aithorization Forms                             |
| WEOSS   | Weapons Elevator Operational Sequencing System       |
| WIP     | Warfighting Improvement Plan                         |
| WIPT    | Working Level Integrated Product Team                |
| WIPE    | WIP Engineering                                      |
| WLES    | Waterfron Liason Engineering Services                |
| WOO     | Window of Opportunity                                |
| WPIC    | Work Package Integration Conference                  |
| WPN     | Weapons Procurement, Navy                            |
| WSERB   | Weapon Systems Explosive Safety Review Board         |
| WSF     | Weapon Systems File                                  |
| WSI2T   | Warfare System Integration and Interoperability Test |
| WSWG    | Weapon System Working Group                          |
| X-RIC   | Pseudo-Repairable Identification Code                |

## Glossary

Hull Modernization Plan (HMP). The HMP is the sole, time-phased planning document for hull-specific Modernization requirements; it is the authoritative input to the Maintenance and Modernization Business Plan (MMBP), SPM Letter(s) of Authorization and the TYCOM Quarterly Installation Scheduling Message(s) for each affected hull; it is available as a report from NDE-NM. The HMP is used to create the hull specific A-360 Critical Milestone LOA, and subsequent change letters at A-180 and A-120 as well as any follow-on change messages. It is also used to develop the TYCOM Quarterly Installation Scheduling Message for installations planned in other than CNO Availabilities. It is the single, authoritative document for final authorization status for all modernization actions aboard any surface ship or aircraft carrier.

High Shock items. Equipment susceptible to shock, anything that could disable the ship if it breaks (due to roll and pitch of the ship)

Logistically Significant Material. Material that has or requires development of; Allowance Parts List (APL), Repairable Identification Code (RIC), Training, Planned Maintenance System (PMS), Technical Manuals, Test Equipment, or Provisioning Technical Documentation (PTD).

Alteration Figure of Merit (AFOM). The AFOM calculation is defined as the quantitative “Warfighting or Readiness Benefit” assigned to each proposed change. There are two components to the process of assigning AFOMs to each SCD; the annual establishing of weights based on Fleet priorities and the continuous action by respective TYCOMs to assign index values to standardized rating scales that address Suitability (Reliability, Maintainability, Operational Availability, Supportability, Quality of Service (QOS)/Quality of Life (QOL), Safety) and Capability (the scales are named for each of the Naval Capabilities established in the Naval Power 21 Pillars or Naval Capability Packages as noted below.) . On an annual basis, on or about October of the fiscal year, weights are assigned to an established hierarchical benefit structure modeled after the Naval Power 21 Operational Architecture and Suitability Structure, as described in the business rules below. Separate from this annual event, TYCOMs continue to review and assign index values to the previously noted standard rating scales for each change as part of the throughput of SCDs. The TYCOM Rating Scale Index Value assignments are entered in NDE and, through an approved and weighted static algorithm based on the above described weighting process, are calculated to provide an overall AFOM and nested AFOMs which articulate the changes Capability, Suitability and QOS/QOL benefits to the SHIPMAIN Decision Board members. Note that every change described on a SCD undergoes at a minimum, a suitability Assessment and all HM&E SCDs undergo an additional assessment under the SEA Basing Naval Capability Package (Close, Assemble Employ and Reconstitute Naval Capability).

Conjunctive Change. A Conjunctive Change is one that must be accomplished prior to or with another SC for the system/equipment to operate as designed.

Advance Hull Modernization Plan (AHMP). The AHMP is a planning HMP released in July each year of the hull specific ship changes planned for the year after the next fiscal year (Example: JUL 2006 release is for FY 2008) in support of the A-810 to A-450 rolling HMP Entitled Process milestone.

Cost Benefit Analysis (CBA). CBA a.k.a. BCA is a systematic quantitative method to compare the costs of implementing a specific project or course of action with the benefits to be gained from implementation. In the SHIPMAIN process the CBA is used to compare the Investment Cost of an item to the potential savings or cost avoidance that that same item may provide. It is used in conjunction with the AFOM to provide the Decision Makers with criteria that will help them to decide the relative priority of one ship change with respect to all other ship changes being evaluated.

Execution Planning HMP (EHMP). The EHMP is an execution-year planning HMP released in March each year of the hull specific ship changes planned for the next execution year plus the first quarter of the next planning year (MAR 2006 release for FY07 and first quarter FY08) in support of MMBP development. It is a snapshot of the current maturity and authorization status and industrial material and man-day estimates for planned ship changes.

### Human Systems Integration.

Manpower/Workload. The minimum quantity and quality manpower required to accomplish 100% of the mission within the scenario defined in the ROC/POE for a given platform or activity consistent with human performance, workload, and safety requirements, and affordability, risk, and reliability constraints. Manpower analysis should be conducted for any planned differences in workload for new systems.

Personnel. The qualitative attributes of the manpower personnel on board filling the manpower requirements. Personnel factors include the knowledge, skills, and abilities, rating structures, physical constraints, and personnel management policies needed to execute required tasks.

Training. Training is the definition of instruction, education, and on the job or team training necessary to provide humans and teams with knowledge and job skills needed to support the system life cycle processes at the specified levels of performance. This includes the tools, devices (including embedded training systems), training simulators, techniques, procedures, and training materials and technical manuals to be developed and employed to provide training for all required tasks. Appropriate initial and follow on training should be planned and funded prior to system development and identified in appropriate Navy Training System Plan (NTSP).

Human Factors Engineering (HFE). Human factors engineering is defined as the application of human performance principles, models, measurements, and techniques to system design. The goal of human factors engineering is to optimize system performance by taking human physical and cognitive capabilities and limitations into consideration during design. HFE includes human-machine interfaces, ergonomics, usability, design for maintainability and situational awareness.

Habitability. Physical environment and support services that are necessary for meeting and sustaining system performance, avoiding personnel retention problems, maintaining quality of life, and minimizing total system costs.

Environment, Safety and Occupational Health (ESOH). Includes impacts to environment and safety and plans for mitigation of health hazards.

Personnel Survivability. For systems with missions that might expose it to combat threats, personnel survivability includes protection against fratricide, detection, and instantaneous, cumulative, and residual nuclear, biological, and chemical effects; the integrity of the crew compartment; and provisions for rapid egress when the system is severely damaged or destroyed.

Initiator. Any authorized user of NDE. Provides the initial data input in the SCD at Phase I.

Integrated Logistics Support (ILS). A disciplined approach to the activities necessary to ensure the effective and economical support of a system or item of equipment for its life cycle. The elements of ILS are, maintenance, manpower and personnel, supply support, support equipment (including test, measurement, and diagnostic equipment), training and training devices, technical data, computer resources support, packaging handling and storage, transportation and transportability and facilities. All SCDs will need to have an ILS Certification. If a SCD does not impact any ILS products, a SPM approved ILS Certification stating that the SCD has No ILS Impact is required.

Long Lead Time (LLT). a procurement lead time greater than 90 days. Procurement is comprised of administrative and manufacturing lead times.

Modernization. Modernization consists of all efforts and costs that lead to changes of an In-Service Surface Ship or Carrier. These changes include upgrades or replacement of existing systems by new systems satisfying new requirements. This includes all product development, procurement, and installation costs as well as costs that are not specific to particular alterations, but are required to execute an acquisition program. Product development costs are generally paid for with RDTEN 6.3 and 6.4 funding. Procurement and installation costs may be paid for with OPN, WPN, APN, SCN or OMN. The domain includes RDTEN and procurement required for developing and upgrading systems. Any nuclear propulsion changes will be excluded from the NMP process.

Participating Manager (PARM). The activity associated with completing the engineering, procurement and identification of life-cycle support for the ship change and its associated ship changes.

Prior/Concurrent/Conjunctive Alts. Any change previously authorized or in development that has a direct impact on the change being approved and must be installed prior to, or concurrently with, the change.

Provisioning Technical Documentation (PTD). A listing of various types of data relating to a given system or equipment in a standardized format. PTD is supplied by the manufacturer and used for the identification, selection, and determination of initial requirements and cataloging of support items to be procured through the provisioning process.

Raw material. Material used to fabricate foundations, paint, brackets, etc... to support equipment installation and requires no follow-on supply support.

Shop Stores/Shipyard Stock. Material commonly carried to support shipyard activities/work (EX: Gloves, Adhesive, Bar/Round Stock, Bolts, Connectors (BNC, wire, box, etc...), Insulation, Nuts, Common Paint, Pipe, Plate). This material will NOT be identified at the individual level, but at a top "Shop Stores" level with cost, on the SCD.

Software. The programs or instructions that tell a computer what to do. This includes operating system programs, which control the basic functions of the computer system (such as Microsoft's Disk Operating System--"MS-DOS" --that controls IBM-compatible PCs) and applications programs, which enable the computer to produce useful work (e.g., a word processing program such as WordPerfect).

Ship's Selected Records (SSR). The documentation providing critical information concerning the maintenance, operation, and configuration of a ship. SSR consists of the following categories: Selected Record Drawings, which illustrate important features, systems, and arrangements applicable to an individual ship; Selected Record Data, which describes arrangements, equipment, systems and procedures essential to the operation and safety of the ship; and Allowance Lists.

#### Strike Force Interoperability (SFI) Categories;

##### Category 1 (CAT 1)

A. Any proposed change that meets any of the below criteria:

- (1) Alters the capability or intra-system interfaces of a system that directly impacts the development of the Common Tactical Picture (CTP).
- (2) Alters an interface between the Weapons Systems and the Command and Control System.

##### Category 2 (CAT 2)

- A. The change does not meet CAT 1 criteria, but alters the capability or intra-system interfaces of a system that:
- (1) Supports development of the Common Operational Picture (COP)
  - (2) Resides on or is connected to the Integrated Shipboard Networking System (ISNS) LAN.
  - (3) Provides other warfighting capability of particular interest to the FLT CDR.
  - (4) Provides essential self-defense capability.
  - (5) Interfaces with CAT 1 systems, but is not a CAT 1 change itself.
  - (6) Transmits wirelessly in the electromagnetic spectrum.
  - (7) Impacts the accuracy of the integrated navigation suite.

Changes to SFI CAT 2 systems that do not affect the capability or interface of the system will generally be maintained as an SFI CAT 3.

#### Category 3 (CAT 3)

- A. Changes to CAT 1 or 2 systems that do not change the item's interoperability and capability. They include:
- (1) Reliability, Maintainability and Availability (RMA) improvements
  - (2) Correct parts obsolescence issues
  - (3) System specifically designated by the FLT CDR as an SFI CAT 3 level of interest.

#### Category 4 (CAT 4)

- A. Includes HM&E changes and other systems not designated for SFI tracking.

CAT 3 or 4 HM&E systems that directly impact SFI CAT 1 and 2 C5I Systems shall also be assigned SFI CAT 1 or 2 for tracking purposes to indicate relationship to C5I Systems. Examples are ICAN NAV, ICAN Voice, NAVCRIT, NCDS, ICAS, IPDS, etc.

Library and database updates (DAFIF Airways, JNL, SLQ-32) are specifically excluded from C5IMP management unless they potentially impact the interoperability or functionality of a CAT 1 or 2 system.

Submitter. Submitter is responsible and accountable for the all phases of the SCD. They will be the primary point of contact for questions or clarification throughout the process. Subsequent approvals, disapprovals, and notification to complete the next phase of the SCD will be forwarded to this point of contact

Sustainment. Sustainment consists of all efforts required to correct or maintain a system's design capability, maintainability or reparability through internal equipment modifications that do not impact shipboard distributed systems. There are two types of sustainment:

- Type 1 Sustainment (ST1). An internal equipment modification that is a configuration change that provides new functionality but has no impact on ship distributed systems.
- Type 2 Sustainment (ST2). An internal equipment modification that is a configuration change that provides no new functionality, and has no impact on ship distributed systems. For example:
  - ❖ System repair action that resolves a reliability issue
  - ❖ Corrective maintenance (repair) that results in a requirement to back fit to all systems

Technical Point of Contact. Identifies person with detailed knowledge of change. Does not have to be the warrant holder.

Type Commander (TYCOM). Lead Type Commander associated with the change.