INDEX

This index covers both MIL-STD-498 and its DIDs. Paragraphs in the DIDs are indicated by the DID acronym followed by paragraph numbers; an overall DID is indicated by the DID acronym alone; paragraphs and figures in the standard have no preceding acronym. DID references that begin with "10.1" refer to paragraphs in Block 10, section 10.1 of the DID (General Instructions). All other DID references that do not cite a Block number refer to paragraphs in Block 10, section 10.2 of the DID (Content Requirements). Entries in **bold** indicate primary sources of information about a topic. The entry "et al" indicates that a topic (such as "software") appears too frequently to cite all references.

acceptance **3.1**, 3.30, E.3; IRS 3; SRS 3; SSS 3
access
  access for acquirer review **4.2.7**; SDP 4.2.7
  access to information in a repository 6.4
acquirer (use of term "acquirer" in MIL-STD-498)
    Foreword-4, 1.2.1, **3.2**, Fig 14
acquisition strategies (see program strategies)
acronyms **Appendix A**
allocation
  allocation of computer hardware resources 4.2.5;
      SDP 4.2.5; SDD 4.1; SSDD 4.1
  allocation of requirements Fig 3, Fig 6; SDD 4.1, 6;
      SRS 5; SSDD 4.1, 5; SSS 5
ANSI/IEEE/EIA 1498 Foreword-1
application of MIL-STD-498 **1.2**
approval (by the acquirer) **3.3**, 5.1.6, 5.7.1, 5.9.2,
    5.13.7, 5.18.1, 5.18.2, 5.19.7, C.1, D.1
architecture **3.4** (also see CSCI architectural design,
    system architectural design)
"as built" design descriptions 5.13.4, 5.13.5, Fig 2,
    Fig 3, Fig 6, D.4.1, Fig 17; SDP 5.13.4, 5.13.5;
    SPS 3, **5.1**
associate developer **3.5**, **5.19.6**, Fig 9-12; SDP 5.19.6
assurance **4.2.4**; SDP 4.2.4
    (also see software quality assurance)
  privacy assurance **4.2.4.3**; SDP 4.2.4.3
  safety assurance **4.2.4.1**; SDP 4.2.4.1
  security assurance **4.2.4.2**; SDP 4.2.4.2
audits (configuration audits) **5.14.4**; SDP 5.14.4

behavioral design **3.6**, 5.4.1, 5.6.1, Fig 2, Fig 3;
    DBDD 3; OCD 3.3, 5.3; SDD 3; SSDD 3
builds **3.7**, 5, Fig 1, G.3, G.5, Fig 10, Fig 11
  build planning guidance **G.6**, Fig 13
  notes on interpreting activities for multiple builds
      5.1-5.16, 5.18

category classifications for problem reporting 5.17.2,
    Fig 2, C.1, **C.3**, **Fig 4**; SDP 5.17.2
    (also see corrective action)
code standards 4.2.2, D.4.7, G.6.2; SDP 4.2.2;
    SPS 5.3
coding (see software implementation and unit testing)
commercial off-the-shelf (COTS) (see reuse,
    reusable software products)
compilers, compilation/build procedures 3.38, 5.13.7,
    Fig 6; CPM 3; SPS 5.2, 5.3; STP 3.x.1; STrP 3.3
compliance with the contract 5.1.6, 5.16.3
computer-aided software engineering (CASE)
    Foreword-3, 1.2.4.4, 3.38, 5.1.1, 6.4, Fig 2, H.5;
    all DIDs: Block 7; STrP 3.3
computer center, software center 5.12.3.2, 5.12.3.3;
    OCD 7.1; **SCOM**; SDP 5.12.3; **SIOM**; SIP 4;
    SUM
computer hardware characteristics CPM 3, 4;
    FSM 3.x.1, 3.x.4, 4.1; SRS 3.10.1; SSDD **4.1**;
    SSS 3.10.1; STrP 3.2
computer hardware resource utilization **4.2.5**, 5.13.4,
    F.3; OCD 8.2; SDD 4.1; SDP 4.2.5; SPS **5.4**, 6;
    SRS 3.10.2; SSDD 4.1; SSS 3.10.2
Computer Operation Manual (COM) **5.12.3.4**, 6.2,
    Fig 4, Fig 6, E.4.9, Fig 9-12, Fig 16, Fig 17; **COM**;
    SDP 5.12.3
computer program **3.10**
Computer Programming Manual (CPM) **5.13.6.1**, 6.2,
    Fig 6, Fig 9-12, Fig 16, Fig 17; **CPM**; SDP 5.13.6
Computer Software Configuration Item (CSCI) 1.2.2,
    3.12, 3.24, Fig 14, et al
  CSCI architectural design 3.4, **5.6.2**, Fig 3,
      Fig 6, E.4.6; SDD **4**; SDP 5.6.2; SPS 5.1
  CSCI detailed design 3.45, **5.6.3**, 5.13.4, Fig 3,
      Fig 6, E.4.6; SDD **5**; SDP 5.6.3, 5.13.4;
      SPS 5.1 (also see Database Design
      Description, Interface Design Description)
  CSCI/HWCI integration and testing 4.1, Fig 1, **5.10**,
      Fig 3, Fig 6, Fig 9-12; SDP 5.10
  CSCI qualification testing **3.28**, 3.43, 4.1, Fig 1,
      5.1.2, 5.2.2, **5.9**, **5.9.5**, Fig 3, Fig 6, E.4.7, E.4.8,
      Fig 9-13; IRS 4; SDP 5.1.2, 5.9; SRS 4;
      STD; **STP**; **STR**
  CSCI requirements **5.5**, 5.6.2, 5.7, 5.9, 5.9.3,
      Fig 2-4, Fig 6, Fig 9-12; DBDD 3, 4, 6; IDD 4;
      SDD 4.1, 5, 6; SDP 5.5; SPS 5.4, 6; SRS 3;
      STD 4.x.y.1, 5; STP 6
      (also see software requirements analysis,
      Software Requirements Specification,
      Interface Requirements Specification)
  CSCI-wide design decisions 3.6, **5.6.1**, Fig 3,
      Fig 6, E.4.6; SDD **3**, 4.1; SDP 5.6.1, 5.13.4;
      SPS 5.1
configuration management
    (see software configuration management)
Continuous acquisition and life-cycle support (CALS)
    Fig 2; all DIDs: Block 7

contract, contract-specific application **1.2.2**
use of term "contract" in MIL-STD-498 Foreword-4, 1.2.1
references to the contract Foreword-4, Foreword-5, 1.2.1, 1.2.2, 1.2.4.1, 3.1, 3.3, 3.16, 3.18, 3.26, 3.30, 3.39, 4.1, 4.2.3.1, 4.2.3.2, 4.2.4.4, 4.2.5, 4.2.7, 5.1, 5.1.1, 5.1.4-5.1.6, 5.2.3, 5.2.4, 5.4.1, 5.7.1, 5.12.4, 5.13.7, 5.14.1-5.14.5, 5.15.2, 5.16.1-5.16.3, 5.17.1, 5.17.2, 5.19.3-5.19.6, 6.2, 6.4, 6.5, B.3, G.6, G.6.3; all DIDs: Block 7 (7.1), 10.1.c, 10.1.h; SDP 4.1, 4.2.1, 4.2.2, 4.2.3.1, 4.2.3.2, 4.2.4-4.2.7, 5.1-5.19; SRS 3.11; SSS 3.16; STrP 7
Contract Data Requirements List (CDRL) 1.2.1, 5.1.1, 6.3, 6.4, 6.5, Fig 6, D.4.9, H.4, H.5, H.6; all DIDs: Block 7, 10.1.c
contracting agency (see acquirer)
contractor (see developer)
conversion guide from DOD-STD-2167A and DOD-STD-7935A **Appendix I**
corrective action, corrective action system 4.1, Fig 1, **5.17**, Fig 3, **Appendix C**, Fig 9-12; SDP 5.17 (also see problem reporting)
cost
cost benefit, cost-effectiveness Foreword-9, 4.2.3.2, 6.5, B.3
cost/schedule reporting, cost/schedule risks 5.18.1, 5.18.2, 5.19.1, **6.6**, B.3, Fig 5
critical requirements **4.2.4**, Fig 5; DBDD 3; IRS 3.y; SDD 3; SDP 4.2.4; SRS 3.18; SSDD 3; SSS 3.18
critical requirements reviews **E.4.11**
privacy assurance **4.2.4.3**, 5.19.3, B.3, E.4.11
safety assurance **4.2.4.1**, Fig 2, B.3, Fig 5, E.4.11
security assurance **4.2.4.2**, 5.19.3, Fig 2, B.3, Fig 5, E.4.11

data elements/data element assemblies all DIDs: 10.1.h; DBDD 3, 4.x, 5.x; IDD 3.x; IRS 3.x; SDD 3, 4.3.x, 5.x; SIOM 5.1; SRS 3.2.x, 3.3.x, 3.4, 3.5; SSDD 3, 4.3.x; SSS 3.2.x, 3.3.x, 3.4, 3.5
data rights 4.2.3.1, B.3; STP 3.x.4; STrP 3.2, 3.3, 3.4 (also see licenses, licensing)
data standardization, standard data descriptions all DIDs: 10.1.h
Data Item Description (DID) Foreword-9, 1.2.3, 5.1.1, 5.13.6, **6.2**, 6.3, 6.4, 6.5, D.4.4, G.5, **Appendix H**, I.4, Fig 15-17
database **3.14**, 3.15, 3.32, 3.45, 5.7.1, 5.12.1, 5.13.1, 5.13.2, 6.4, Fig 4; SCOM 3.2, 3.3, 5.5.x.3; SIOM 3.2, 3.4, 5.1; SIP 4.x.5; SPS 3.1, 3.2; SRS 3.5, 3.10.3, 3.12; SSS 3.5, 3.10.3; STD 4.x.y.6; STP 3.x.1; SUM 3.2, 3.3
database design, Database Design Description (DBDD) **5.4.1**, **5.6.1**, **5.6.3**, 6.2, Fig 9-12, Fig 15, Fig 17; **DBDD**; SDD 3, 4.1, 5, 5.x, 6; SPS 5.1, 5.3; SSDD 3, 4.1
define (interpretation of "define" in MIL-STD-498) **1.2.4.3**
definitions of software product evaluation criteria **D.4**
definitions of terms **3**
deliverables, deliverable software products 1.2.1, 1.2.2, **3.16**, 5.1.1 Notes 1-2, 5.2.5, 5.13.7, 5.14.5, 5.15.1; all DIDs: Block 7
guidance on ordering deliverables 6.5, **Appendix H**
design **3.17** (also see "as built" design descriptions, behavioral design, CSCI architectural design, CSCI detailed design, CSCI-wide design decisions, Database Design Description, Interface Design Description, software design, Software Design Description, system architectural design, System/Subsystem Design Description, system-wide design decisions)
design standards 4.2.2, D.4.7; DBDD 3, 4, 5; IDD 3; SDD 3, 4, 5; SDP 4.2.2; SPS 5.3; SSDD 3, 4
detailed requirements of MIL-STD-498 **5**
develop (interpretation of "develop" in MIL-STD-498) **1.2.4.3**
developer (use of term "developer" in MIL-STD-498) Foreword-4, 1.2.1, **3.18**, Fig 14
documentation Foreword-3, **3.19**, 5.1.1; all DIDs: Block 7, 10.1.a, 10.1.i (also see Data Item Description)
DOD-STD-1703 **Foreword-3**
DOD-STD-2167A **Foreword-3**
mapping between MIL-STD-498 DIDs and DOD-STD-2167A DIDS I.4, **Fig 16**, **Fig 17**
mapping of key MIL-STD-498 terms to MIL-STD-2167A I.3, **Fig 14**
DOD-STD-7935A **Foreword-3**
mapping between MIL-STD-498 DIDs and DOD-STD-7935A DIDs I.4, **Fig 15**, **Fig 17**
mapping of key MIL-STD-498 terms to MIL-STD-7935A I.3, **Fig 14**
dry run of qualification tests **5.9.4**, **5.11.4**, Fig 6, D.4.2; SDP 5.9.4, 5.11.4

error reporting (see problem reporting)
evaluation **3.20** (also see Independent Verification and Validation, reusable software products, software product evaluations, software quality assurance, test case evaluation criteria)
Evolutionary program strategy Foreword-3, **G.3**, **Fig 7**, Fig 8, Fig 11
executable software Fig 6
compilation/build procedures Fig 6; SPS 5.2, 5.3
delivery of executable software SPS 3.1
incorporating reusable software into the executable software Fig 3
installing executable software 5.12.4
preparing the executable software for software transition **5.13.1**; SDP 5.13.1
preparing the executable software for software use **5.12.1**; SDP 5.12.1
regenerating executable software 5.13.2, 5.13.7; SPS 3.2
version descriptions (see Software Version Description)

firmware 1.2.2, **3.21**, 3.38, 3.43; SPS 5.2; STP 3.x.2
Firmware Support Manual (FSM) **5.13.6.2**, 6.2, Fig 6, Fig 9-12, Fig 16, Fig 17; **FSM**; SDP 5.13.6
forward engineering **3.29**, Fig 12

general requirements of MIL-STD-498 **4**
Government in-house agencies (as developers) Foreword-4, 1.2.1
Grand Design program strategy **G.3**, **Fig 7**, Fig 8, Fig 9

Hardware Configuration Item (HWCI) **3.22**, 3.24, 5.10; SDP 5.10; SRS 3.10.1; SSDD 4, **4.1**; SSS 3.10.1
hardware-software systems 1.2.4.1, 1.2.4.2, Fig 14; SSDD 3; SSS 3.9, 3.10, 3.12

implementation
(see software implementation and unit testing)
Incremental program strategy Foreword-3, **G.3**, **Fig 7**, Fig 8, Fig 10
in-process
in-process and final software product evaluations **5.15.1**; SDP 5.15.1
joint reviews of in-process and final software products 5.18.1
independence
independence in software product evaluation **5.15.3**; SDP 5.15.3
independence in software quality assurance **5.16.3**; SDP 5.16.3
independence in qualification testing **5.9.1**, **5.11.1**; SDP 5.9.1, 5.11.1
Independent Verification and Validation (IV&V) **3.23**, 5.19.5, Fig 9-12; SDP 5.19.5
installation
installation at the support site 5.13.7; STrP 7
installation at user sites **5.12.4**, Fig 6, E.4.9, Fig 14; SCOM 4; SDP 5.12.4; **SIP**; SSS 3.16; SUM 4.1.3; SVD 3.6
software installation planning **5.1.4**, 6.2, Fig 6, E.4.1, Fig 9-13, Fig 15, Fig 17; SDP 5.1.4; **SIP**
integral software development processes 4.1
integration (see CSCI/HWCI integration and testing, unit integration and testing)
interface **3.24**
interface design, Interface Design Description (IDD) **5.4.1**, **5.4.2**, **5.6.1**, **5.6.2**, **5.6.3**, 6.2, Fig 6, Fig 9-12, Fig 15-17; DBDD 3, 5.x; **IDD**; SDD 3, 4.3, 5, 5.x, 6; SPS 5.1; SSDD 3, 4.3, 5
interface requirements, Interface Requirements Specification (IRS) **5.3.3**, **5.5**, 5.9, 5.11, 6.2, Fig 6, Fig 9-12, Fig 15-17; **IRS**; SRS 3.3, 3.4; SSS 3.3, 3.4; STD 5; STP 6
ISO/IEC DIS 12207 Foreword-6

joint technical and management reviews **3.25**, 4.1, Fig 1 **5.18**, Fig 2-3, Fig 9-12, G.6.3, H.3; SDP 5.18
candidate joint management reviews **Appendix E**

key decisions (recording rationale for key decisions) 3.34, **4.2.6**, 5.2.4; all DIDs: Notes section; SDP 4.2.6
key word listing in MIL-STD-498 **6.8**
key terms (mapping of key MIL-STD-498 terms to DOD-STD-2167A, DOD-STD-7935A) I.3, **Fig 14**

licenses, licensing B.3, Fig 3; STP 3.x.4; STrP 3.2, 3.3, 3.4 (also see data rights)
life cycle Foreword-4, Fig 2, Fig 5, G.2; SDP 3
logistics SRS 3.15; SSS 3.15 (also see Continuous acquisition and life-cycle support (CALS))

maintenance Foreword-4, 1.2.1, 1.2.4.3, 3.33, 3.41, Fig 14 (also see software support)
management indicators
(see software management indicators)
management review 5.1.6; SDP 5.1.6
metrics (see software management indicators)

non-deliverable software products 1.2.2, **3.26**, **5.2.5**; SDP 5.2.5
Notes **6**; all DIDs: Notes section

operational concept, Operational Concept Description (OCD) **5.3.2**, 6.2, Fig 3, Fig 4, Fig 6, E.4.2, Fig 9-12, Fig 15-17; **OCD**; SDP 5.3.2
operational concept reviews **E.4.2**

packaging, packaging requirements 5.14.5; SDP 5.14.5; SPS 3.3; SRS 3.17; SSS 3.17; STrP 7
participate (interpretation of "participate" in MIL-STD-498) **1.2.4.2**
participation in system-level activities 5.1.3, 5.3, 5.4, 5.10, 5.11, 5.13.5, D.3; SDP 5.3, 5.4, 5.10, 5.11
planning (see build planning, project planning, software development planning, software installation planning, software transition planning, test planning)
priority classifications for problem reporting 5.17.2, C.1, **C.4**, **Fig 5**, F.3 (also see corrective action)
privacy **4.2.4.3**, **5.19.3**, B.3, E.4.11, Fig 9-12; all DIDs 1.3; COM 3.2.4; DBDD 3, 4.x, 5.x; FSM 3.x.5; IDD 3.x; IRS 3.x, 3.y; OCD 3.3, 5.3; SCOM 3.2, 3.4, 3.6, 5.5.x; SDD 3, 4.3.x; SDP 3, 4.2.4.3, 5.19.3; SIOM 3.2, 3.4, 3.6, 4.2.1, 4.3.1, 4.3.2; SIP 3.7, SRS 3.3.x, 3.8, 3.18; SSDD 3, 4.3.x; SSS 3.3.x, 3.8, 3.18; STD 3, 4; STP 3.x.1, 3.x.2, 3.x.3, 4.2.x.y; STrP 3.1-3.4; SUM 3.2, 3.4, 3.6, 4.1.2; SVD 3.1, 3.2, 3.6 (also see assurance)
problem reporting, problem/change reports 5.3.1, 5.14.3, 5.15.2, 5.16.2, **5.17.1**, 5.17.2, Fig 2, **Appendix C**, **Fig 4**, **Fig 5**, F.3; SDP 5.17.1; STR 3.1, 4.x.2.y; SVD 3.3, 3.7
process improvement **5.19.7**, Fig 9-12; SDP 5.19.7
program (computer program) **3.10**

program strategies **Appendix G**, **Fig 7**, **Fig 8**, Fig 9-11, H.4; SDP 3
programming languages 3.29, 4.2.2, 5.7.1, Fig 2; DBDD 5.x; SDD 5.x; SDP 4.2.2; SRS 3.12; SSS 3.12
(also see Computer Programming Manual)
project planning 4.1, Fig 1, **5.1**, Fig 3, Fig 6, Fig 9-13; SDP 1.4, 5.1; SIP 1.4; STP 1.4; STrP 1.4 (also see software development planning)
project-unique identifiers 5.14.1; DBDD 3, 4, 4.x, 5, 5.x; IDD 3, 3.1, 3.x; IRS 3, 3.1, 3.x; SDD 3, 4, 4.1, 4.3.1, 4.3.x, 5, 5.x; SRS 3, 3.3.1, 3.3.x; SSDD 3, 4, 4.1, 4.3.1, 4.3.x; SSS 3, 3.3.1, 3.3.x; STD 3.x, 4.x, 4.x.y; STP 4.2.x, 4.2.x.y; STR 4.x, 4.x.2.y, 4.x.3.y
prototypes 5.3.1, G.6.1, Fig 11, Fig 13

qualification methods IRS 3, 4; SPS 4; SRS 3, 4; SSS 3, 4; STP 4.2.x.y
qualification testing **3.28**, 3.43, 5.2.2, 5.4.1, **5.9**, **5.11**
(also see CSCI qualification testing, system qualification testing)
quality assurance (see software quality assurance)
quality factors (reliability, maintainability, etc.) B.3; DBDD 3; OCD 3.3, 5.3; SDD 3; SRS 3.11; SSDD 3; SSS 3.11

rationale (recording rationale) 3.34, 4.2.6, 5.2.4; all DIDs: Notes section; SDP 4.2.6
record (interpretation of "record" in MIL-STD-498) **1.2.4.4**
redocumentation **3.29**, Fig 12
reengineering Foreword-4, 1.2.1, 1.2.4.3, **3.29**, 3.33, G.5, **Fig 12**; SDD 4.1; SSDD 4.1
requirement (definition of requirement) **3.30**
requirements analysis (see software requirements analysis, system requirements analysis, traceability)
resource utilization
(see computer hardware resource utilization)
restructuring **3.29**, Fig 12
retargeting **3.29**, Fig 12
reuse, reusable software products Foreword-4, 1.2.1, 1.2.4.3, **3.31**, 3.33, **4.2.3**; SDP 4.2.3
developing reusable software products **4.2.3.2**; SDP 4.2.3.2; SDD 4.1; SSDD 4.1
evaluating reusable software products 4.2.3.1, **B.3**; SDP 4.2.3.1
incorporating reusable software products Foreword-3, 3.12, **4.2.3.1**, **Appendix B**, **Fig 3**; all DIDs: 10.1.i; SDP 4.2.3.1; SDD 4.1; SSDD 4.1
reverse engineering **3.29**, Fig 12
reviews (see joint technical and management reviews)
revision and retesting **5.7.4**, **5.8.3**, **5.9.6**, **5.10.3**, **5.11.6**; SDP 5.7.4, 5.8.3, 5.9.6, 5.10.3, 5.11.6; STD 4.x.y, 4.x.y.3, 5; STP 4.1.3, 5
risk management 5.18.1, 5.18.2, **5.19.1**, B.3, Fig 5, G.4, Fig 8-12; SDP 4, 5, 5.19.1

safety **4.2.4.1**, Fig 2, B.3, Fig 5, E.4.11; COM 3; DBDD 3, 5.x; FSM 3.x.6; IDD 3.x; IRS 3.x, 3.y; OCD 3.3, 5.3; SCOM 4, 5; SDD 3, 4.3.x; SDP 4.2.4.1; SIOM 4, 6; SIP 4.x.5, 5.x.2; SRS 3.3.x, 3.7, 3.18; SSDD 3, 4.3.x; SSS 3.3.x, 3.7, 3.18; STD 3, 4; STP 4.2.x.y; STrP 3.1; SUM 4, 5; SVD 3.6
(also see assurance)
schedules 3.34; SDP 3, 6, 7.2; SIP 3.1, 4.x.1, 5.x.1; STP 5; STrP 5, 7
cost/schedule reporting, cost/schedule risks 5.18.1, 5.18.2, 5.19.1, **6.6**, B.3, Fig 5
guidance on scheduling activities **G.6.4**
guidance on scheduling deliverables **H.4**
scope of MIL-STD-498 **1**
security **4.2.4.2**, **5.19.3**, Fig 2, B.3, Fig 5, E.4.11, Fig 9-12; all DIDs 10.1.c, 1.3; COM 3.2.4; DBDD 3, 4.x, 5.x; FSM 3.x.5; IDD 3.x; IRS 3.x, 3.y; OCD 3.3, 5.3; SCOM 3.3, 3.4.1, 3.4.2, 3.7, 5.5.x; SDD 3, 4.3.x; SDP 3, 4.2.4.2, 5.19.3, 7.2; SIOM 3.2, 3.4, 3.6, 4.2.1, 4.3.1, 4.3.2; SIP 3.7, 4.x.2; SRS 3.3.x, 3.8, 3.18; SSDD 3, 4.3.x; SSS 3.3.x, 3.8, 3.18; STD 3, 4; STP 3.x.1, 3.x.2, 3.x.3, 4.2.x.y; STrP 3.1-3.5; SUM 3.2, 3.4, 3.6, 4.1.2; SVD 3.1, 3.2, 3.6 (also see assurance)
software **3.32**, et al
Software Center Operator Manual (SCOM) **5.12.3.3**, 6.2, Fig 6, Fig 9-12, Fig 15, Fig 17; **SCOM**
(also see Software Input/Output Manual, Software User Manual)
software configuration management 3.12, 4.1, Fig 1, **5.14**, Fig 2, Fig 3, Fig 9-12; SDP 5.14
configuration audits **5.14.4**; SDP 5.14.4
configuration control, author control, project-level control, acquirer control 5.14.1, **5.14.2**, 5.14.3, 5.15.2, 5.16.2, 5.17.1, 5.17.2, F.3; SDP 5.14.2
configuration identification **5.14.1**; SDP 5.14.1
configuration status accounting **5.14.3**; SDP 5.14.3
packaging, storage, handling, and delivery (of software products) **5.14.5**; SDP 5.14.5
software design, Software Design Description (SDD) **3.17**, 3.39, 3.45, 4.1, 4.2.6, Fig 1, 5.2.4, **5.6**, 5.7, 5.9.1, 5.11.1, 6.2, Fig 2, Fig 4, Fig 6, F.3, Fig 9-12, Fig 15-17; DBDD 5; **SDD**; SDP 5.6; SPS 5.1
(also see "as built" design descriptions, behavioral design, CSCI architectural design, CSCI detailed design, CSCI-wide design decisions, Database Design Description, Interface Design Description, system architectural design, System/Subsystem Design Description, system-wide design decisions)
software design reviews **E.4.6**
software design standards 4.2.2, D.4.7; DBDD 3, 4, 5; IDD 3; SDD 3, 4, 5; SDP 4.2.2; SPS 5.3; SSDD 3, 4
software development (meaning of term "software development" in MIL-STD-498) Foreword-4, **1.2.1**, **3.33**

software development environment 1.2.2, 4.1, Fig 1, **5.2**, 5.14.1, Fig 2, Fig 3, E.4.10, Fig 9-13; SDP 5.2
(also see software engineering environment, testing - software test environment)
software development files (SDF) **3.34**, **5.2.4**, 5.7.2, 5.7.4, 5.7.5, 5.8.1, 5.8.3, 5.8.4, 5.9.4, 5.9.6, 5.10.1, 5.10.3, 5.10.4, 5.11.4, 5.11.6, Fig 3, Fig 6; SDP 5.2.4
software development library (SDL) **3.35**, **5.2.3**, Fig 3; SDP 5.2.3
software development methods Foreword-5, **4.2.1**; SDP 4.2.1
software development planning, Software Development Plan (SDP) 1.2.4.2, 4.1, **5.1.1**, 5.14.2, 5.16.1, 5.16.2, 5.17.1, 5.17.2, 5.19.1, 5.19.2, 5.19.7, 6.2, Fig 2, B.3, Fig 4, Fig 6, D.4.7, E.4.1, Fig 9-13, G.6.3, H.4, Fig 15-17; **SDP**
software development process **3.36**, **4.1**, Fig 1, 5.19.1, 5.19.2, 5.19.7, 6.5, Fig 2, **Appendix G**, H.4
software engineering environment 1.2.2, 3.37, **3.38**, 4.2.7, **5.2.1**, 5.2.3, Fig 13; SDP 5.2.1; CPM 3
software implementation and unit testing 4.1, Fig 1, **5.7**, 5.9.1, 5.11.1, Fig 3, Fig 6, Fig 9-12, Fig 14; SDP 5.7
Software Input/Output Manual (SIOM) **5.12.3.2**, 6.2, Fig 6, Fig 9-12, Fig 15, Fig 17; **SIOM**
(also see Software Center Operator Manual, Software User Manual)
software installation planning, Software Installation Plan (SIP) **5.1.4**, 6.2, Fig 4, Fig 6, E.4.1, Fig 9-13, Fig 15, Fig 17; SDP 5.1.4; **SIP**
software maintenance (see software support)
software management indicators Foreword-3, **5.19.2**, Fig 2, **Appendix F**, Fig 9-12; SDP 5.19.2
software plan reviews **E.4.1**
software products 1.2.1, 3.16, 3.26, 3.31, **3.39**, et al
(also see standards for software products)
software product evaluation 4.1, Fig 1, **5.15**, 5.16.1, Fig 2, Fig 3, **Appendix D**, **Fig 6**, Fig 9-12; SDP 5.15
- independence in software product evaluation **5.15.3**; SDP 5.15.3
- in-process and final software product evaluations **5.15.1**; SDP 5.15.1
- software product evaluation criteria **5.15.1**, 5.18.1, **Fig 6**, **D.4**; SDP 5.15.1
- software product evaluation records **5.15.2**; SDP 5.15.2
- software products subject to evaluation **D.3**, **Fig 6**

Software Product Specification (SPS) **5.12.1**, **5.13.1**, **5.13.2**, **5.13.4**, 5.13.6, 6.2, Fig 6, E.4.10, Fig 9-12, Fig 15-17; **SPS**
software quality **3.40**
software quality assurance 4.1, Fig 1, **5.16**, Fig 2, Fig 3, Fig 9-12; SDP 5.16
- independence in software quality assurance **5.16.3**; SDP 5.16.3
- software quality assurance evaluations **5.16.1**; SDP 5.16.1
- software quality assurance records **5.16.2**; SDP 5.16.2

software requirements, Software Requirements Specification (SRS) **5.5**, 5.9, 6.2, Fig 2-4, Fig 6, Fig 9-12, Fig 15-17; **SRS**; STP 6
(also see CSCI requirements)
- software requirements analysis 4.1, Fig 1, **5.5**, Fig 3, Fig 9-12; SDP 5.5
- software requirements review **E.4.5**

software support Foreword-3, 3.35, **3.41**, 3.44, 4.2.6, 5.2.3, 5.2.5, 5.13.4, Fig 2, Fig 3, Fig 6, Fig 14; SPS 5; SRS 3.15; SSS 3.15; **STrP**
(also see maintenance)
- support agency 3.44, 4.2.6 5.1.5, 5.13, 5.13.4, 5.13.7, E.4.10, G.6.1, Fig 13; OCD 3.6, 5.5, 7.1, 7.2, 7.3
- support concept 3.12, 5.1.5; OCD 3.5, 5.5
- support manuals **5.13.6**, Fig 4, Fig 6, E.4.10; SDP 5.13.6; STrP 3.2, 3.3, 3.4
- support site 5.13.1-5.13.3, **5.13.7**; SDP 5.13.3, 5.13.7
- supportability reviews **E.4.10**

software systems 1.2.4.1, 1.2.4.2, **3.42**, Fig 14; SSS 3.9, 3.10
software testing (see testing)
software transition **3.44**
- software transition planning, Software Transition Plan (STrP) Fig 1, **5.1.5**, 6.2, Fig 4, Fig 6, E.4.1, Fig 9-12, Fig 15-17; SDP 5.1.5; **STrP**
- software transition (preparing for) 4.1, Fig 1, **5.13**, Fig 3, Fig 9-12; SDP 5.13

software unit 3.24, **3.45**, 5.2.4, 5.6, 5.7, 5.8, 5.13.4, 5.14.1, B.4, Fig 3, Fig 6, F.3, G.6.4, Fig 14, Fig 15, Fig 17; DBDD 5, 5.x, 6; SDD 3, 4.1, 4.2, 4.3, 4.3.1, 5, 5.x, 6; SPS 5.4, 6; SRS 3.12 (also see testing)
software use (preparing for) 4.1, Fig 1, **5.12**, Fig 3, Fig 9-12
- software usability reviews **E.4.9**

Software User Manual (SUM) **5.12.3**, **5.12.3.1**, 6.2, Fig 2, Fig 3, Fig 4, Fig 6, E.4.9, Fig 9-12, Fig 15-17; SDP 5.12.3; SIP 3.5, 4.x.6, 5.x.2, 5.x.3; STrP 3.2-3.4; **SUM** (also see Software Center Operator Manual, Software Input/Output Manual)
Software Version Description (SVD) **5.12.2**, **5.13.3**, 6.2, Fig 3, Fig 6, D.4.1, E.4.9, E.4.10, Fig 9-12, Fig 16, Fig 17; SDP 5.12.2, 5.13.3; **SVD**
(also see version/revision/release)
source code, source files 3.29, **5.7.1**, 5.12.1, **5.13.2**, 5.13.4, B.3, Fig 3, Fig 4, Fig 6, F.3; SDP 5.7.1, 5.13.2; SPS **3.2**, 3.3, 5.1; SVD 3.2
- delivery of source files SPS **3.2**

staffing F.3, Fig 8; OCD 3.4, 5.4, 7.2; SDP 7; SIP 3.5, 3.6, 4.x.4; STP 3.x.6, 3.x.7; STrP 3.5
standardization documents related to MIL-STD-498 **Fig 2**
standards for software products **4.2.2**, SDP 4.2.2; SPS 5.3 (also see code standards, software design standards)
states and modes of operation COM 3.2; DBDD 3, 4, 5; IDD 3; IRS 3; OCD 3.3, 5.3, 6, 7.1, 7.2; SCOM 3.5; SDD 3, 4, 5; SIOM 3.5; SRS 3.1; SSDD 3, 4; SSS 3.1; SUM 3.5
Statement of Work (SOW) 1.2.1, 6.5, 6.7, Fig 6, D.4.5, D.4.10, G.6.3
subcontractor, subcontractor management Foreword-4, 1.2.1, 3.5, 4.2.7, 5.4.1, **5.19.4**; SDP 4.2.7, 5.19.4
subsystem 1.2.4.1, 5.2.4, 5.3.3, E.4.3, E.4.4; SSDD; SSS (also see system/subsystem)
support (of software) (see software support, software transition planning)
system (also see operational concept)
- interpretation of "system" in MIL-STD-498 **1.2.4.1**, Fig 14
- system architectural design 3.4, **5.4.2**, Fig 3, Fig 4, Fig 6, E.4.4; SDP 5.4.2, 5.13.5; SSDD 4
- system design **3.17**, 4.1, Fig 1, **5.4**, 5.13.5, Fig 3, Fig 4, E.4.4, Fig 9-12; SDP 5.4, 5.13.5
- system qualification testing **3.28**, 3.43, 4.1, Fig 1, 5.1.3, 5.2.2, **5.11**, **5.11.5**, Fig 3, Fig 6, E.4.7, E.4.8, Fig 9-13; IRS 4; SDP 5.11; SSS 4; **STD**; **STP**; **STR**
- system requirements **5.3.3**, 5.4.2, 5.5, 5.11.3, Fig 3, Fig 4, Fig 6; DBDD 3, 4, 6; IDD 4; SDP 5.3.3; SSDD 3, 4, 4.1, 5; STD 4.x.y.1, 5; STP 6 (also see Interface Requirements Specification, System/Subsystem Specification)
- system requirements analysis 4.1, Fig 1, **5.3**, Fig 3, Fig 9-12; SDP 5.3
- system test planning **5.1.3; STP**
- system-wide design decisions 3.6, **5.4.1**, 5.10.1, Fig 3, Fig 6, E.4.4; SDP 5.4.1; SSDD 3, 4.1
- System/Subsystem Design Description (SSDD) **5.4.1**, **5.4.2**, **5.13.5**, 5.13.6, 6.2, Fig 6, Fig 9-12, Fig 15-17; **SSDD**
- system/subsystem design reviews **E.4.4**
- system/subsystem requirements reviews **E.4.3**
- System/Subsystem Specification (SSS) **5.3.3**, 5.11, 6.2, Fig 6, Fig 9-12, Fig 15-17; **SSS**

tailoring MIL-STD-498 and its DIDs Foreword-9, 1.2.2, **1.2.3**, 5.12.1, **6.5**, Fig 2, G.6, G.6.3, H.3, **H.6**; all DIDs: 10.1.f
target computer system (testing on) **5.9.2**, **5.11.2**; SDP 5.9.2, 5.11.2
testing Fig 2, D.4.13; **STD**; **STP**; **STR**
- advance notice of qualification testing 5.9.3, 5.9.6, 5.11.3, 5.11.6
- CSCI/HWCI integration and testing 4.1, Fig 1, **5.10**, Fig 3, Fig 6, Fig 9-12; SDP 5.10
- CSCI qualification testing **3.28**, 3.43, 4.1, Fig 1, 5.1.2, 5.2.2, **5.9**, **5.9.5**, Fig 3, Fig 6, E.4.7, E.4.8, Fig 9-13; IRS 4; SDP 5.1.2, 5.9; SRS 4; **STD**; **STP**; **STR**
- developer-internal testing 3.34, 5.4.1, 5.8, 5.9, 5.10, 5.11; SDP 5.9.4, 5.11.4
- dry run of qualification testing **5.9.4**, **5.11.4**, Fig 6, D.4.2
- revision and retesting **5.7.4**, **5.8.3**, **5.9.6**, **5.10.3**, **5.11.6**; SDP 5.7.4, 5.8.3, 5.9.6, 5.10.3, 5.11.6; STD 4.x.y.3, 4.x.y.5; STP 4.1.3, 5
- Software Test Description (STD) **5.9.3**, **5.11.3**, 6.2, Fig 2, Fig 4, Fig 6, D.4.2, E.4.7, Fig 9-12, Fig 15-17; **STD**
- software test environment 1.2.2, 3.37, **3.43**, 4.2.7, **5.2.2**, Fig 3, E.4.7, Fig 13; SDP 5.2.2; STP 3; STR 3.2
- software test planning, Software Test Plan (STP) **5.1.2**, **5.1.3**, 6.2, Fig 4, Fig 6, E.4.1, Fig 9-12, Fig 15-17; SDP 5.1.2, 5.1.3; **STP**
- Software Test Report (STR) **5.9.7**, **5.11.7**, 6.2, Fig 4, Fig 6, D.4.2, E.4.8, Fig 9-12, Fig 15-17; SDP 5.9.7, 5.11.7; **STR**
- system qualification testing **3.28**, 3.43, 4.1, Fig 1, 5.1.3, 5.2.2, **5.11**, **5.11.5**, Fig 3, Fig 6, E.4.7, E.4.8, Fig 9-13; IRS 4; SDP 5.11; SSS 4; **STD**; **STP**; **STR**
- target computer system (testing on) **5.9.2**, **5.11.2**; SDP 5.9.2, 5.11.2
- test classes (timing, erroneous input, maximum capacity) STP 4.1.2, 4.2.x.y
- test information for developer-internal testing (test cases, test descriptions, test procedures, test results) 3.34, 3.39, 5.2.4, 5.7.2, 5.8.1, 5.10.1, Fig 2-4, Fig 6, D.4.2
- test readiness reviews **E.4.7**
- test results reviews **E.4.8**
- unit testing **5.7**, Fig 3, F.3, Fig 9-12; SDP 5.7
- unit integration and testing 4.1, Fig 1, **5.8**, Fig 3, F.3, Fig 9-12; SDP 5.8
- witnessed testing 5.9.4, 5.11.4; STR 5

traceability 5.4.2, 5.5, 5.6.2, 5.9.3, 5.11.3, 5.13.4; DBDD 6; IDD 4; IRS 3, 5; SDD 6; SPS 5.4, 6; SRS 3, 5; SSDD 5; SSS 3, 5; STD 4.x.y.1, 5; STP 4.2.x.y, 6
training 5.1.4, Fig 2, Fig 3; OCD 7.1, 7.2; SIP 3.4, 3.5; SRS 3.14; SSS 3.14; STrP 5, 7
- support agency training 5.13.7; STrP 5, 7
- user training 5.12.4; SIP 3.4, 3.5; STP 3.x.8

transition (of software) (see software transition)
translation **3.29**, Fig 12

unit, unit testing, unit integration and testing (see software unit, testing)
user manuals (see software user manuals)

version/revision/release 3.7, 5.14.1-5.14.3, B.3;
all DIDs: 10.1.c; DBDD 3, 5.x; FSM 3.x.4;
SDD 4.1, 4.3.1; SDP 4.2.2, 5.17.1; SIP 4.x.2;
SPS 5.2; SRS 3.3.1, 3.10.3; SSDD 4.1, 4.3.1;
SSS 3.3.1, 3.10.3; STR 5; STrP 3.2-3.4; **SVD**

Work Breakdown Structure (WBS) 6.6, Fig 2