



DEPARTMENT OF THE NAVY

**OFFICE OF THE SECRETARY
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WASHINGTON DC 20350-1000**

SECNAVNOTE 5000
DASN (RD&A) ALM
26 February 2008

SECNAV NOTICE 5000

From: Secretary of the Navy
To: All Ships and Stations

Subj: DEPARTMENT OF THE NAVY (DON) REQUIREMENTS AND ACQUISITION
PROCESS IMPROVEMENTS

Ref: (a) Goldwater-Nichols Department of Defense Reorganization
Act of 1986, PL 99-433, of 1 Oct 86
(b) DoD Directive 5000.1, The Defense Acquisition System,
of 12 May 03
(c) DoD Instruction 5000.2, Operation of the Defense
Acquisition System, of 12 May 03
(d) Under Secretary of the Air Force Document, National
Security Space Acquisition Policy 03-01, of 27 Dec 04
(e) Chairman of the Joint Chiefs of Staff Instruction
(CJCSI) 3170.01F, Joint Capabilities Integration and
Development System, of 1 May 07
(f) Chairman of the Joint Chiefs of Staff Manual (CJCSM)
3170.01C, Operation of the Joint Capabilities
Integration and Development System, of 1 May 07
(g) SECNAVINST 5000.2C
(h) SECNAVINST 5420.188F
(i) Vice Chief of Naval Operations (VCNO) Memorandum 5420
N09, Resources and Requirements Review Board (R3B)
Charter, of 23 Mar 06
(j) Commandant of the Marine Corps (CMC) Policy Memorandum
1-02, Marine Requirements Oversight Council (MROC), of
17 Jan 02
(k) USecDef(AT&L) Memorandum, Configuration Steering
Boards, of 30 Jul 07

Encl: (1) DON Requirements/Acquisition Two-Pass/Six-Gate Process
with Development of a System Design Specification
(2) DON Requirements/Acquisition Gates, Membership, Input
Criteria, Goals/Exit Criteria, Briefing Content, and
Gate Exit Criteria Templates
(3) System Design Specification (SDS) Description

1. Purpose. To establish a review process to improve
governance and insight into the development, establishment, and

execution of acquisition programs in the Department of the Navy (DON). The goal of the review process is to ensure alignment between Service-generated capability requirements and acquisition, as well as improving senior leadership decision-making through better understanding of risks and costs throughout a program's entire development cycle. Throughout the process, the Services (Navy and Marine Corps) retain sole responsibility for capability development and approval in accordance with reference (a). For nuclear powered ships, the Director Naval Nuclear Propulsion Program maintains cognizance on all matters pertaining to the propulsion plant. The process changes identified herein apply to, but do not supersede, the processes of references (b) through (h).

2. Background. Over the past two years, the Secretary of the Navy has led a comprehensive review with the senior Navy and Marine Corps leadership of the acquisition process and the challenges the Department faces in executing programs. This review culminated in the acquisition improvement initiative of this Notice. The intent of this initiative is to improve the governance of the entire requirements and acquisition process for major programs and systems, from requirements definition through system acquisition and into system sustainment. Additionally, it provides a framework to engage senior Naval leadership throughout the review process. This will engender greater discipline into each phase without altering the existing Office of the Secretary of Defense (OSD)/Joint level process.

3. Objective. The objective of this Notice is to establish a disciplined and integrated process for requirements and acquisition decision-making within DON. It will endorse or approve key Joint Capabilities Integration and Development System (JCIDS) and acquisition documents, and facilitate decisions regarding required Navy and Marine Corps capabilities and acquisition of corresponding materiel solutions.

4. Scope and Applicability. The process will be implemented in an integrated, collaborative environment that includes participation by appropriate elements from the Office of the SECNAV, the Office of the CNO (OPNAV), the Headquarters Marine Corps (HQMC), and activities involved in developing JCIDS and acquisition documents. This Notice applies to all pre-Major Defense Acquisition Program (MDAP) programs, all MDAP (Acquisition Category (ACAT) I) programs, all pre-Major Automated Information System (MAIS) programs, all MAIS (ACAT IA) programs, and selected ACAT II programs. The Gate reviews

themselves and Service milestone Program Decision Meetings (PDMs) or Program Reviews (PRs) defined in reference (h) should be combined when appropriate as determined by the Secretary of the Navy (SECNAV), Chief of Naval Operations (CNO), Commandant of the Marine Corps (CMC), or designee. If Gate reviews and PDMs or PRs are combined, the acquisition requirements of references (c), (d), and (g), including statutory and regulatory documentation, shall be satisfied and an Acquisition Decision Memorandum shall be issued by the Milestone Decision Authority.

5. Organization and Procedures. Guidelines for selecting the membership of each review and procedures for how the DON Requirements/Acquisition process will operate are described below. Enclosure (1) contains two graphics that illustrate the process. The first graphic illustrates the process flow for program initiation at Milestone A (e.g., selected shipbuilding programs). The second graphic illustrates the process flow for program initiation at Milestone B. The process is overlaid on the references (c), (d), and (g) acquisition process.

a. Concept Decision and Concept Refinement Phase

(1) Pass 1. Pass 1 is led by CNO or CMC, and encompasses three "requirements" Gates. References (i) and (j), the Resources and Requirements Review Board (R3B) and Marine Requirements Oversight Council (MROC) charters, detail processes employed by the Navy and Marine Corps to elevate requirements decisions to senior Service leaders. The Pass 1 process will not modify original capability requirements determinations made by the Service Chiefs. Pass 1 includes Gates 1, 2, and 3. Pass 1 is a process that starts prior to Concept Decision (CD), continues through the Concept Refinement Phase, and ends after Gate 3. Pass 1 includes DON, OSD, and Joint processes leading to approval of an Initial Capabilities Document (ICD) and an Analysis of Alternatives (AoA) Guidance prior to Concept Decision. Pass 1 also includes Concept Refinement Phase efforts that involve selecting an optimal alternative based on an AoA, endorsing or approving a Capability Development Document (CDD), developing and approving a detailed Concept of Operations (CONOPS), and approving the System Design Specification (SDS) Development Plan. All Pass 1 Gate reviews will review program health for satisfactory cost, risks, and budget adequacy.

(2) Gate 1. The Gate 1 review will grant authority for a DON-initiated ICD that has completed Service review to be submitted to the Joint Staff (J-8) for Joint routing using the

current JCIDS review process. The corresponding Capabilities-Based Assessment (CBA) serves as the core input for the ICD. Gate 1 will also validate the proposed AoA Guidance and authorize a program to proceed to Concept Decision.

(3) Gate 2. The Gate 2 review will occur after completion of the AoA and prior to a program submitting Milestone A documentation. It will: (a) review AoA assumptions, analysis, cost estimates, conclusions, and recommendations, (b) approve Service's preferred alternatives resulting from the AoA analysis, (c) provide approval to develop a CDD and CONOPS with guidance and assumptions, consistent with the preferred alternatives, and (d) authorize a program to proceed to the next event (i.e., to Gate 3 when program initiation will be at Milestone A, or to Milestone A when program initiation will be at Milestone B).

(4) Gate 3. The Gate 3 review will: (a) grant authority for a DON-initiated CDD that has completed Service review to be submitted to J-8 to enter Joint routing using the current JCIDS review process; (b) approve CONOPS, that will include a description of capability employment, sustainment, basing, training, and manning to support life-cycle cost estimates; (c) validate that the SDS Development Plan addresses all required areas and serve as the input for follow-on Pass 2 Gates; and (d) review program health for satisfactory cost, risks, and budget adequacy. Gate 3 will grant approval to continue with Milestone A or Milestone B preparations.

b. Milestone A and Technology Development Phase

(1) Pass 2. Pass 2 is led by the Component Acquisition Executive, and encompasses three "acquisition" Gates. Pass 2 includes Gates 4, 5, and 6. Pass 2 starts after Gate 3 and ends after Milestone B during the initial portion of the System Development and Demonstration (SDD) Phase. Follow-on Gate 6 reviews will occur during the SDD and Production and Deployment Phases. All Pass 2 Gate reviews will review program health for satisfactory cost, risks, and budget adequacy.

(2) Gate 4. The Gate 4 review approves the SDS and authorizes a program to proceed to Gate 5 or Milestone B. The SDS may be an attachment of the SDD Phase Request for Proposal (RFP). Gate 4 may be combined with Gate 5 and/or Milestone B for ACAT IC, IAC, and selected ACAT II programs as determined by

SECNAV or the Assistant Secretary of the Navy (Research, Development & Acquisition) (ASN(RD&A)).

c. Milestone B and System Development and Demonstration Phase

(1) Gate 5. The Gate 5 review ensures that the Service has completed needed actions and recommends to the Milestone Decision Authority (MDA) approval of the release of the SDD RFP to industry as authorized by the Acquisition Strategy. Gate 5 and Milestone B may be combined for ACAT IC, IAC, and selected ACAT II programs as determined by SECNAV or ASN(RD&A).

(2) Gate 6. The Gate 6 review assesses overall program health including readiness for production, the sufficiency of the SDS, the Earned Value Management System (EVMS) Program Management Baseline (PMB), and the Integrated Baseline Review (IBR). Gate 6 occurs following award of the SDD contract and satisfactory completion of the IBR. Follow-on Gate 6 reviews will be conducted to endorse or approve the Capability Production Document (CPD), review program health prior to and post Milestone C and the Full-Rate Production Decision Review (FRP DR), and serve as forums for Configuration Steering Boards (CSBs) as defined by reference (k). A Gate 6 review conducted to endorse or approve a CPD will be chaired by CNO/CMC, or designee.

d. DON Requirements/Acquisition Gate Review Membership

(1) Chairperson. Enclosure (2) Table E2T1 includes the chair of the various Gates. The CNO, CMC, ASN(RD&A), Deputy CNO Integration of Capabilities and Resources (DCNO (N8)), Deputy CMC Combat Development & Integration (DC CD&I), or designee, will serve as the chair of Gate reviews per paragraphs 6a, 6b, and 6c below. In cases of combined Navy and Marine Corps programs, Gates 1 through 3 and CPD only Gate 6 will be co-chaired.

(2) Principal Members. Principal members are Vice Chief of Naval Operations (VCNO), Assistant Commandant of the Marine Corps (ACMC), ASN(RD&A), Director Naval Nuclear Propulsion Program (N00N) as required, Principal Deputy ASN(RD&A) (PDASN(RD&A)), DCNO (N8), Deputy Commandant for Programs & Resources (DC P&R), DC CD&I, Warfare Enterprise (WE) Lead and/or Deputy, United States Fleet Forces (USFF)/Marine Forces (MARFOR), and cognizant Systems Command (SYSCOM) Commander. The Chair shall determine the final membership for each Gate review.

However, the principal members may request attendance by other relevant commands. These members may include DON Chief Information Officer (CIO), CNO (N1, N2, N3/N5, N4, N6), Chief of Naval Research (CNR), HQMC (DC Aviation, Deputy Chief of Staff for Manpower & Reserve Affairs (DC M&RA), Director Intel, Deputy Commandant for Plans, Policies & Operations (DC PP&O), Deputy Commandant for Installations & Logistics (DC I&L), Director C4/CIO), and cognizant Program Executive Officer (PEO). Attendance is limited to Principal or Deputy at the Flag/General Officer/Senior Executive Service level plus one.

(3) Advisory Members. Advisory members include, but are not limited to, CNO (N80, N81, N82, N81D, Resource Sponsor), USFF (N8), Assistant Secretary of the Navy (Financial Management and Comptroller (ASN(FM&C)) Office of Budget (FMB), HQMC (CL, PA&E), Office of General Counsel (OGC), Director Navy International Programs Office (NIPO), ASN(RD&A) Chief Systems Engineer (CHSENG), and cognizant Deputy Assistant Secretary of the Navy (DASN). For joint programs where the Navy or Marine Corps is the lead Service, the other participating Services shall be invited to attend, as appropriate. Attendance is limited to Principal or Deputy at the Flag/General Officer/Senior Executive Service level plus one.

e. DON Requirements/Acquisition Individual Gate Review Membership and Input/Exit Criteria. Enclosure (2) contains Table E2T1 consisting of the individual Gate membership, input criteria, goals/exit criteria, and briefing content, and individual Gate exit criteria templates. Gate reviews may be combined or tailored as determined by SECNAV, CNO, CMC, or designee, for an individual program depending upon where the program enters, or is currently in, the acquisition life-cycle.

f. System Design Specification (SDS) Guidance. See Enclosure (3) for top-level SDS description. An SDS guidebook will be available within 60 days for SYSCOMs, PEOs, and Program Managers (PMs) for developing an SDS for individual systems.

6. Responsibilities. All DON organizations shall ensure successful achievement of all DON Requirements/Acquisition Gates for all pre-MDAP, pre-MAIS, ACAT I, IA, and selected ACAT II programs.

a. ASN(RD&A)

(1) Execute Component Acquisition Executive and delegated Milestone Decision Authority responsibilities of references (b), (c), (d), (g), and (h) for pre-MDAP, pre-MAIS, ACAT I, IA, and selected ACAT II programs for Concept Decision, all milestones, and FRP DR.

(2) Chair Gates 4, 5, and 6 (non-Capability Production Document (CPD)) reviews.

(3) Develop procedures to execute the Gate review process.

b. CNO/CMC

(1) Execute Service Chief responsibilities of references (e), (f), and (g) for development, validation, and approval of JCIDS documents and concurrence with applicable acquisition documents per reference (g) and as directed by higher authority.

(2) Chair Gates 2, 3, and 6 (CPD only) reviews, or designate a Chair.

c. DCNO (N8)/DC CD&I

(1) Develop procedures within the Navy and Marine Corps Staffs to execute the Gate review process.

(2) Chair Gate 1 reviews. Chair Gates 2, 3, and 6 (CPD only) reviews, when designated.

d. Program Executive Offices/Systems Commands. Provide support and assistance to DCNO (N8), DC P&R/DC CD&I, and ASN(RD&A).

e. ASN(FM&C)FMB. Coordinate efforts to identify and fund DON Requirements/Acquisition governance process within the Planning, Programming, Budgeting, and Execution (PPBE) process in coordination with DCNO (N8), DC P&R, and DC CD&I.

f. OGC. Advise ASN(RD&A), CNO/CMC, and other members on legal issues arising from individual Gate reviews and CSBs.

7. Industry Involvement. While not involved in the Gate reviews themselves, industry involvement in the development of design concepts and assessment of industrial capabilities, cost,

schedule, and technical risks should be sought at the earliest opportunity possible.

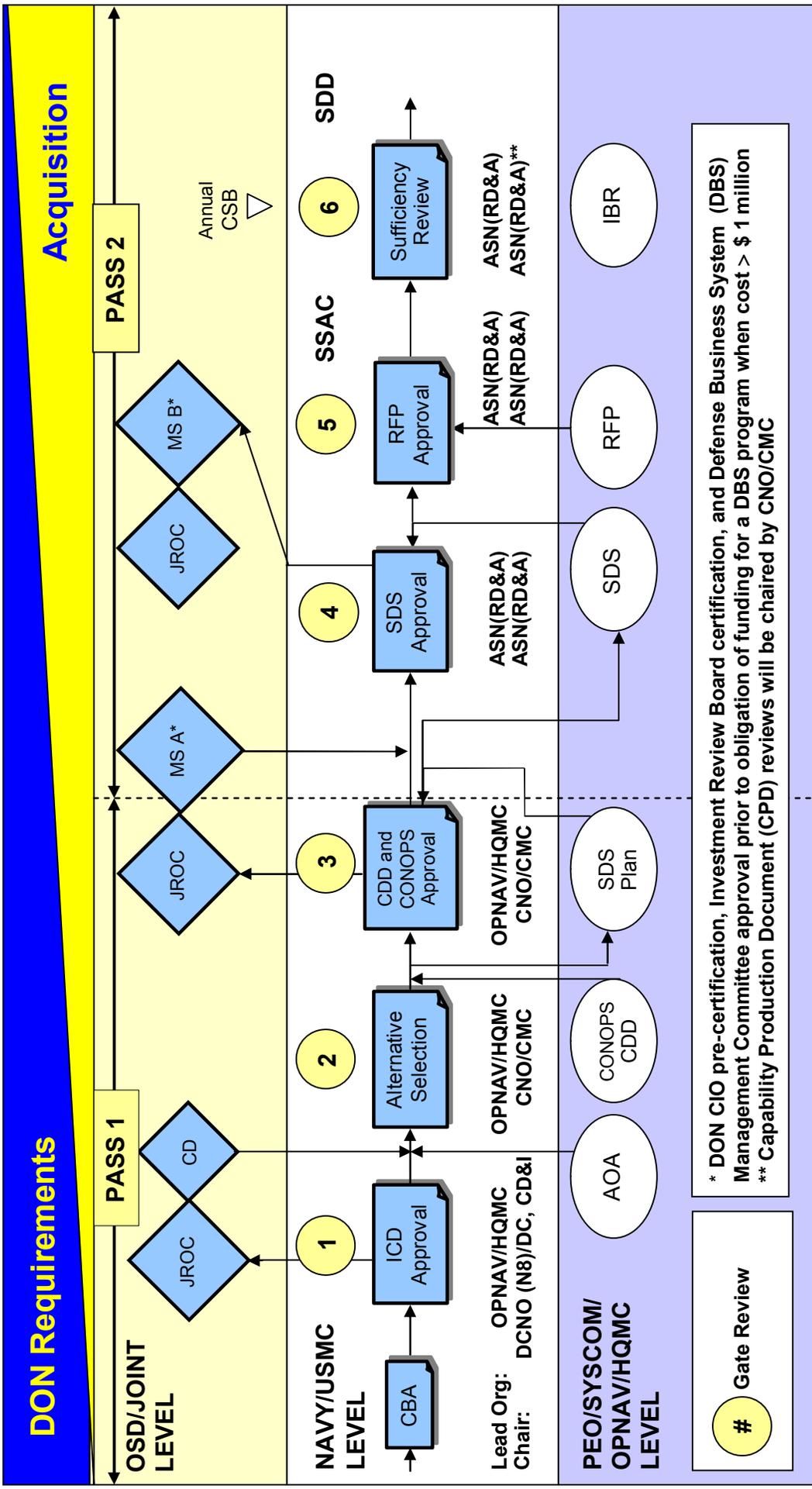
8. Cancellation Contingency. Cancelled after incorporated in revision to reference (g).



Donald C. Winter
Secretary of the Navy

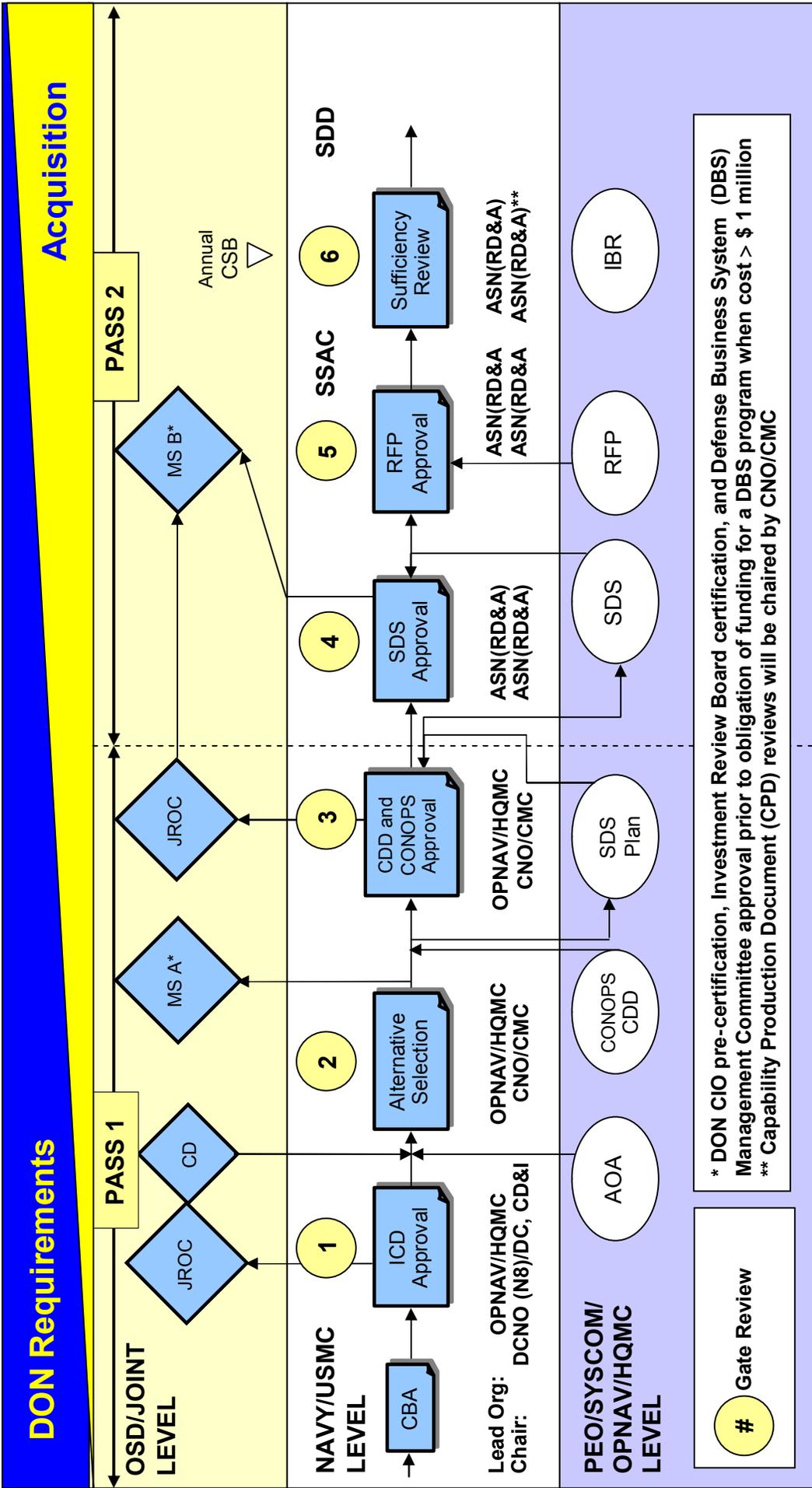
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DON Requirements/Acquisition Two-Pass/Six-Gate Process with Development of a System Design Specification (illustrated example for program initiation at Milestone A)



- | | | | |
|-----------|--|------|--------------------------------------|
| AOA | Analysis of Alternative | IBR | Integrated Baseline Review |
| ASN(RD&A) | Asst Secretary of the Navy (Research, Development and Acquisition) | ICD | Initial Capabilities Document |
| CBA | Capabilities-Based Assessment | JROC | Joint Requirements Oversight Council |
| CD | Concept Decision | PEO | Program Executive Officer |
| CDD | Capability Development Document | RFP | Request for Proposal |
| CMC | Commandant of the Marine Corps | SDD | System Development & Demonstration |
| CNO | Chief of Naval Operations | SDS | System Design Specification |
| CONOPS | Concept of Operations | SSAC | Source Selection Advisory Council |
| CSB | Configuration Steering Board | | |
| HQMC | Headquarters Marine Corps | | |

DON Requirements/Acquisition Two-Pass/Six-Gate Process with Development of a System Design Specification
 (illustrated example for program initiation at Milestone B)



- | | | | |
|-----------|--|------|--------------------------------------|
| AOA | Analysis of Alternative | IBR | Integrated Baseline Review |
| ASN(RD&A) | Asst Secretary of the Navy (Research, Development and Acquisition) | ICD | Initial Capabilities Document |
| CBA | Capabilities-Based Assessment | JROC | Joint Requirements Oversight Council |
| CD | Concept Decision | PEO | Program Executive Officer |
| CDD | Capability Development Document | RFP | Request for Proposal |
| CMC | Commandant of the Marine Corps | SDD | System Development & Demonstration |
| CNO | Chief of Naval Operations | SDS | System Design Specification |
| CONOPS | Concept of Operations | SSAC | Source Selection Advisory Council |
| CSB | Configuration Steering Board | | |
| HQMC | Headquarters Marine Corps | | |

Table E2T1 DON Requirements/Acquisition Gates, Membership, Input Criteria, Goals/Exit Criteria, and Briefing Content

Gates	Membership	Input Criteria	Goals/Exit Criteria	Briefing Content
<p align="center">1</p> <p>Validate ICD & AoA Guidance, Authorize proceeding to CD</p> <p>Briefer: RO, prospective PM, and AoA Director</p>	<p align="center"><u>Chair:</u> DCNO (N8)/DC CD&I</p> <p align="center"><u>Principal:</u> N2/Intel, P&R, ASN(RD&A), N00N, PDASN, WE Lead &/or USFF/MARFOR, SYSCOM - as required: PEO, CNR, DON CIO, DC Aviation, N1/M&RA, N3/N5, DC PP&O, N4/I&L, N6/DirC4/CIO</p> <p align="center"><u>Advisory:</u> ASN(RD&A)CHSENG, DASN, N80, N81, N82, N81D, USFF(N8), HQMC(CL, PA&E), OGC, ASN(FM&C)FMB, Resource Sponsor, DirNIPO</p>	<ol style="list-style-type: none"> Objectives of Top Leadership Teams/CDR's Intent Completed CBA Completed Service review of ICD Identification of mutually shared needs with foreign countries 	<ol style="list-style-type: none"> Approval for ICD entry into Joint routing, or CNO/CMC routing Validation of AoA guidance, assumptions, & timeline and authorization for submittal to Director, PA&E (ACAT I & IA); or Approval of AoA guidance, assumptions, & timeline (selected ACAT II) Approval to proceed to CD Determination of next Gate review 	<ol style="list-style-type: none"> ICD description AoA proposed guidance including assumptions, cost constraints, international opportunities & lifecycle considerations Doctrine, organization, training, materiel, leadership & education, personnel, & facilities (DOTMLPF) change recommendation (DCR) inputs Program Health (funding, risk, staffing sufficiency, commonality, maintainability, supportability, standards)
<p align="center">2</p> <p>Validate AoA results. Approve CONOPS, CDD Guidance, Authorize proceeding to Gate 3 or MS A</p> <p>Briefer: RO, prospective PM, and AoA Director</p>	<p align="center"><u>Chair:</u> CNO/CMC, or designee</p> <p align="center"><u>Principal:</u> VCNO/ACMC, N8/P&R/CD&I, N2/Intel, ASN(RD&A), N00N, PDASN, WE Lead &/or USFF/MARFOR, SYSCOM - as required: CNR, DON CIO, DC Aviation, N1/M&RA, N3/N5, DC PP&O, N4/I&L, N6/DirC4/CIO</p> <p align="center"><u>Advisory:</u> ASN(RD&A)CHSENG, DASN, N80, N81, N82, N81D, USFF(N8), HQMC(CL, PA&E), OGC, ASN(FM&C)FMB, Resource Sponsor, PEO, DirNIPO</p>	<ol style="list-style-type: none"> Approved ICD AoA Report Complete MS A documentation sufficiently mature for Senior Service leadership review Preferred alternative identified 	<ol style="list-style-type: none"> Evaluation/ Validation of AoA Findings (see Exit Criteria template) Approve capability attributes of preferred alternative (Performance Parameters) recommendations Approval to develop CDD & CONOPS with guidance & assumptions Satisfactory review of Program Health Approval to proceed to the next event (i.e., to Gate 3 or to MS A) 	<ol style="list-style-type: none"> Summarize AoA report including assumptions and findings Proposed CDD/CONOPS guidance to include technology protection & interoperability (domestic & foreign) Preliminary configurations guidance Preliminary technology readiness levels (TRLs) assessment Assessment of industrial base Projected life-cycle costs for all options Program Health

Input Criteria – is a requirement to convene a Gate review

Exit Criteria – is a requirement to complete a Gate review

Table E2T1 DON Requirements/Acquisition Gates, Membership, Input Criteria, Goals/Exit Criteria, and Briefing Content (cont'd)

Gates	Membership	Input Criteria	Goals/Exit Criteria	Briefing Content
<p align="center">3 CDD/ CONOPS Approval</p> <p>Briefer: RO and prospective PM</p>	<p align="center"><u>Chair:</u> CNO/CMC, or designee</p> <p align="center"><u>Principal:</u> VCNO/ACMC, N8/P&R/CD&I, N2/Intel, ASN(RD&A), N00N, PDASN, WE Lead &/or USFF/MARFOR, SYSCOM - as required: CNR, DON CIO, DC Aviation, N1/M&RA, N3/N5, N4/I&L, DC PP&O, N6/DirC4/CIO</p> <p align="center"><u>Advisory:</u> ASN(RD&A)CHSENG, DASN, N80, N81, N82, N81D, USFF(N8), HQMC(CL, PA&E), OGC, ASN(FM&C)FMB, Resource Sponsor, PEO, DirNIPO</p>	<ol style="list-style-type: none"> 1. Approved AoA/AoA update 2. Completed Service review of CDD & CONOPS 3. Completed SDS Development Plan (including assessment of Critical Program Information and design for export) 	<ol style="list-style-type: none"> 1. Approval for CDD entry into Joint routing, or CNO/CMC routing 2. Approval of CONOPS 3. Validation of SDS Development Plan and determination of potential for export 4. Satisfactory review of Program Health 5. Approval to proceed to MS A or Gate 4 	<ol style="list-style-type: none"> 1. Summary of CONOPS 2. CDD Description including KPPs & KSAs 3. SDS Development Plan summary 4. Initial independent cost & schedule estimate/assessment comparison to PM estimates 5. Proposed operational & technical authority guidance & assumptions 6. Program Health
<p align="center">4 SDS Approval</p> <p>Briefer: PM</p>	<p align="center"><u>Chair:</u> ASN(RD&A)</p> <p align="center"><u>Principal:</u> VCNO/ACMC, N00N, N8/P&R/CD&I, PDASN, WE Lead &/or USFF/MARFOR, SYSCOM, PEO - as required: CNR, DON CIO, DC Aviation, N1/M&RA, N2/Intel, N4/I&L, N6/DirC4/CIO</p> <p align="center"><u>Advisory:</u> ASN(RD&A)CHSENG, DASN, N80, N81, N82, N81D, USFF(N8), HQMC(CL, PA&E), OGC, ASN(FM&C)FMB, Resource Sponsor, DirNIPO</p>	<ol style="list-style-type: none"> 1. Approved CDD (for programs initiated at MS A, JROC approved CDD update) 2. Service approved CONOPS 3. Completed review of SDS 4. Independent cost estimates, PM estimates, and available budget 	<ol style="list-style-type: none"> 1. Approved SDS (see Exit Criteria Template) 2. Approval to proceed to Gate 5 or MS B (see Exit Criteria Template) 3. Approval of Anti-Tamper Plan (domestic and foreign) 4. Satisfactory review of Program Health (see Exit Criteria Template) 	<ol style="list-style-type: none"> 1. Program capability review focused on SDS satisfying CDD, identify SDS technical requirements, program risk, independent & PM cost (including anti-tamper cost) & schedule estimates, triggers for R3B review, producibility, staffing sufficiency) 2. Program Health

Input Criteria – is a requirement to convene a Gate review

Exit Criteria – is a requirement to complete a Gate review

Table E2T1 DON Requirements/Acquisition Gates, Membership, Input Criteria, Goals/Exit Criteria, and Briefing Content (cont'd)

Gates	Membership	Input Criteria	Goals/Exit Criteria	Briefing Content
<p align="center">5 RFP Approval</p> <p>Briefer: PM</p>	<p align="center"><u>Chair:</u> ASN(RD&A)</p> <p align="center"><u>Principal:</u> VCNO/ACMC, N00N, N8/P&R/CD&I, PDASN, WE Lead &/or USFF/MARFOR, SYSCOM, PEO - as required: CNR, DON CIO, DC Aviation, N1/M&RA, N2/Intel, N4/I&L, N6/DirC4/CIO</p> <p align="center"><u>Advisory:</u> ASN(RD&A)CHSENG, DASN, N80, N81, N82, N81D, USFF(N8), HQMC(CL, PA&E), OGC, ASN(FM&C)FMB, Resource Sponsor, DirNIPO</p>	<p>1. Approved SDS 2. Key knowledge of the business process/business arrangements as defined in the Acquisition Strategy</p>	<p>1. Approval for RFP release as authorized by the Acquisition Strategy 2. Approval of buy & build business strategy as defined in the Acquisition Strategy 3. Satisfactory review of Program Health (see Exit Criteria Template)</p>	<p>1. Same as Gate 4 plus 2. Consideration of potential export/co-development 3. Program Health</p>
<p align="center">6 Sufficiency Review</p> <p>Briefer: PM</p>	<p align="center"><u>Chair:</u> ASN(RD&A) or CNO/CMC for CPDs</p> <p align="center"><u>Principal:</u> VCNO/ACMC, N00N, N8/P&R/CD&I, PDASN, WE Lead &/or USFF/MARFOR, SYSCOM, PEO - as required: CNR, DON CIO, DC Aviation, N1/M&RA, N2/Intel, N4/I&L, N6/DirC4/CIO</p> <p align="center"><u>Advisory:</u> ASN(RD&A)CHSENG, DASN, N80, N81, N82, N81D, USFF(N8), HQMC(CL, PA&E), OGC, ASN(FM&C)FMB, Resource Sponsor, DirNIPO</p>	<p>1. Source Selection (SS) complete 2. Contract awarded 3. Integrated Baseline Review (IBR) complete</p> <p><u>CPD only</u> 1. Completed Service review of CPD & CONOPS</p>	<p>1. Program Management Baseline (PMB) established and IBR results acceptable 2. Contractor's PMB meets SDS requirements 3. Satisfactory review of Program Health (see Exit Criteria Template)</p> <p><u>CPD only</u> 1. Approval for CPD entry into Joint routing, or CNO/CMC routing</p>	<p>1. Same as Gate 5 plus 2. Assess IBR results 3. Plan to initiate applicable disclosure reviews 4. Program Health</p> <p><u>CPD only</u> 1. Summary of CONOPS 2. CPD description including KPPs & KSAs 3. Program Health</p>

Input Criteria – is a requirement to convene a Gate review

Exit Criteria – is a requirement to complete a Gate review

DON Requirements/Acquisition Gate 1 Exit Criteria Template

1. Approval for Initial Capabilities Document (ICD) entry into Joint routing, or endorsement of ICD enroute to Chief of Naval Operations (CNO)/Commandant of the Marine Corps (CMC) for signature.
2. Validation of Analysis of Alternatives (AoA) and Concept Decision (CD) guidance, assumptions, and timeline and authorization for submittal to Director, Program Analysis and Evaluation (PA&E) (ACAT I and IA), or approval of AoA and CD guidance, assumptions, and timeline (selected ACAT II).
3. Approval to proceed to Concept Decision.
4. Determination of next Gate review.

DON Requirements/Acquisition Gate 2 Exit Criteria Template

1. Evaluation/Validation of Analysis of Alternatives (AoA) findings to include:
 - a. Identification of preferred alternative.
 - b. For ACAT I and IA programs: DON validation of AoA Report and approval to forward report (including Service's preferred alternative) to Office of the Secretary of Defense (Program Analysis and Evaluation) (OSD(PA&E)).
 - c. For selected ACAT II programs: Approval of AoA Report.
2. Capability Attributes (Performance Parameters) recommendations:
 - a. Approval of initial Key Performance Parameters (KPPs) and Key System Attributes (KSAs) for CDD Development.
 - b. Approval of initial KPP/KSA Threshold and Objective values.
 - c. Approval to develop recommended Non-Materiel Solutions.
3. Approval to Develop Capability Development Document (CDD) and Concept of Operations (CONOPS) with guidance and assumptions.
4. Satisfactory review of Program Health.
5. Approval to proceed to the next event (i.e., to Gate 3 when program initiation will be at Milestone (MS) A, or to MS A when program initiation will be at MS B).

DON Requirements/Acquisition Gate 3 Exit Criteria Template

1. Approval for Capability Development Document (CDD) entry into Joint routing, or endorsement of the CDD enroute to Chief of Naval Operations (CNO) or Commandant of the Marine Corps (CMC) for signature.
2. Approval of CONOPS.
3. Validate the System Design Specification (SDS) development plan addresses required areas and determination of potential for export.
4. Satisfactory review of Program Health.
5. Approval to proceed to Milestone (MS) A or Gate 4.

DON Requirements/Acquisition Gate 4 Exit Criteria Template

1. ASN(RD&A) approved System Development Specification (SDS) for System Development and Demonstration Phase for lead and follow ship construction or engineering development models for other than ship construction.

a. Translation of CDD requirements to be used for developing system design.

(1) Do we know what we are buying?

(2) Ensure system designed for producibility, operability, allied interoperability, and maintainability.

b. Define DON Design criteria in areas that are applicable.

2. Approval to proceed to Gate 5 or Milestone B.

a. Service approval of key milestone documents.

3. Approval of Anti-Tamper Plan (domestic and foreign).

4. Satisfactory review of Program Health (as defined by a Probability of Program Success (PoPS) criteria that is still under development and will be provided by separate correspondence).

a. Based on CDD requirements, are the cost, schedule, and technical risks identified and corresponding mitigation strategies acceptable?

b. Understanding of the industrial implications.

c. Alignment with Service and DoD vision.

DON Requirements/Acquisition Gate 5 Exit Criteria Template

1. ASN(RD&A) approves release of Request for Proposal (RFP) to industry for the System Development and Demonstration Phase.
2. Approval of buy and build business strategy as defined in the Acquisition Strategy.
3. Satisfactory review of Program Health (as defined by a PoPS criteria that is still under development and will be provided by separate correspondence).
 - a. Based on the CDD requirements are the cost, schedule, and technical risks identified and mitigation strategies acceptable?
 - b. Understanding of the industrial implications.
 - c. Alignment with Service and DoD vision.
 - d. Is the Government staffing aligned to support evaluation of proposals?

DON Requirements/Acquisition Gate 6 Exit Criteria Template

1. Contractor and Government Program Management Baseline (PMB) established and Integrated Baseline Review (IBR) results acceptable.
2. Contractor's PMB meets the System Design Specification (SDS) requirements.
3. Satisfactory review of Program Health (as defined by a PoPS criteria that is still under development and will be provided by separate correspondence).
 - a. Based on the CDD requirements are the cost, schedule, and technical risks associated with contract performance identified and mitigation strategies acceptable?
 - b. Industrial Base implications understood.
 - c. Contract's material solution aligned with Service and DoD vision.
 - d. Is the Government and contractor staffing aligned to support program execution?
 - e. Assess results of the IBR.
 - f. Based on contract performance to date, what is the Program Manager's Estimate at Completion (EAC) of program cost and schedule.
 - g. Is there a Program Objective Memorandum (POM)/Program Review (PR) requirement impact?

Gate 6 For Capability Production Document (CPD) only

1. Approval for CPD entry into Joint routing, or endorsement of CPD enroute to CNO/CMC for signature.

System Design Specification (SDS) Description

An SDS is produced upon successful completion of a System Requirements Review. The SDS Development Plan is developed during the Concept Refinement Phase for programs being initiated at Milestone A or during the Technology Development (TD) Phase for programs being initiated at Milestone B in conjunction with development of the Capability Development Document (CDD). The SDS is the end result of flowing down the CDD performance requirements into a document that specifies: (1) the basic functional requirements (as defined in the SDS Guidebook and usually documented in the System Performance and Design Specifications) for the preferred alternative selected, and (2) major programmatic actions required to deliver the system. At a minimum, these requirements should address:

1. Key Performance Parameters (KPPs), Key System Attributes (KSAs), Additional Attributes and derived requirements that must be met by the design in advance of the detail system specification. These requirements should be identified in such a manner that they facilitate straightforward incorporation into the eventual system/ship specification.
2. The family of system specifications including tailorable and non-tailorable specifications, interface requirements, and detailed design standards.
3. Government oversight that delineates the key responsibilities/engagement points for ensuring effective prosecution of design and construction activities.
4. Division of responsibilities document that addresses lead activities (both government and industry) for various aspects of design and manufacturing.
5. Major industrial capability changes (e.g., facilities, design tools, staffing, unique skills) that need to be addressed to effectively deliver the designed system.
6. Major processes that will be employed to ensure successful implementation of the SDS (e.g., Integrated Master Schedule, Manufacturing and Assembly Plan, Work Breakdown Structure, Commitment Tracking System, Earned Value Management, etc).

7. Threshold attribute values for operability, producibility, and maintainability.

The SDS should normally have significant industry input at the prime contractor and sub-contractor levels. This input may be achieved via the use of a draft Request for Proposal (RFP) and a draft SDS when authorized by the Milestone Decision Authority in the Acquisition Strategy.

The SDS is a tailored document that identifies technology development risks, validates preferred system design solutions, evaluates manufacturing processes, refines system requirements, and is an input for the acquisition program baseline in order to inform decision makers earlier in the acquisition process. The SDS is approved at Gate 4.