You want me to do **WHAT**?

CAPE Implementation Strategy for WSARA MAIS Requirements

September 16, 2010
Introduction

What This Briefing Is

• An informal discussion and active solicitation of feedback into CAPE thoughts on MAIS policy

What This Briefing Is Not

• A presentation of final CAPE policy decisions
Agenda

• CAPE WSARA roles and responsibilities

• Specific Topics
  – Policies and Procedures
  – ICEs and Review of Cost Estimates
  – Critical Change Process
  – MAIS Data Collection and Portal
WSARA Statutory CAPE Roles and Responsibilities

• Prescribe policies and procedures for the conduct of cost estimation for acquisition programs
• Review all cost estimates conducted in connection with MAIS programs
• Conduct independent cost estimates when:
  – Requested by USD(AT&L)
  – Considered appropriate by D, CAPE
  – Critical change occurs and USD(AT&L) is Milestone Decision Authority
• Concur for all critical changes that new estimates of cost, schedule, and performance parameters are reasonable
• Receive results of all cost estimates and studies for MAIS programs
Policies and Procedures

- Working to develop a DTM as placeholder in lieu of formal DoD update to 5141.01 & 5000.04
- Once DTM is published, 180 day clock to submit formal update to DoDD 5141.01 & 5000.04
- Areas requiring decisions:
  - Program definition requirements
  - Data submission process for all MAIS programs
  - Standards for cost estimates for all AIS programs for review
  - Coordination process for critical changes where SCP forms cost position and when AT&L or D,CAPE directs ICEs
ICEs and Review of Cost Estimates

• What’s in Play
  – Two AT&L-directed ICEs
  – Critical changes for four MAIS programs

• What’s on the Horizon
  – Additional critical changes and AT&L-directed ICEs

• What’s to be Decided
  – How to fulfill WSARA requirement to review all MAIS cost estimates
Critical Change Process

- Critical Change ≈ MAIS Nunn-McCurdy
  - 25% cost increase, 1 year delay in major milestone, performance change, or over 5 years to achieve Full Deployment Decision

- Generally should not be a surprise
  - Majority of reported breaches to date have been for schedule or 5-year Full Deployment Decision threshold
    - Current track record is not meeting 60 day clock

- Existing Coordination Process is Service-centric
  - WSARA inserts CAPE role
MAIS Data Collection and Portal

- Cost and Software Data Reporting a requirement for all MAIS programs per 5000.02
  - DCARC will increase enforcement in this area
- Cost/technical/programmatic data collected by CAPE posted in DACIMS repository on DCARC website
  - Currently ERP data
  - Briefings, RICE counts, and other program data beyond CSDRs
  - Looking for input in terms of both additional data and ways to institutionalize data collection

**DCARC Website**
http://dcarc.pae.osd.mil/
Summary

• CAPE brings joint insight into cost estimate development and process
• MAIS differ from MDAPs
  • Working to apply discipline from MDAP process to MAIS policy and procedures
• Looking to partner with other cost agencies
• External factors in play
  • SecDef Direction to disestablish NII and BTA
  • 2010 NDAA, Section 804
  • OMB interest in IT programs
Back-Up
§ 2334. Independent cost estimation and cost analysis

“(a) IN GENERAL.—The Director of Cost Assessment and Program Evaluation shall ensure that the cost estimation and cost analysis processes of the Department of Defense provide accurate information and realistic estimates of cost for the acquisition programs of the Department of Defense. In carrying out that responsibility, the Director shall—

“(1) prescribe, by authority of the Secretary of Defense, policies and procedures for the conduct of cost estimation and cost analysis for the acquisition programs of the Department of Defense;

“(2) provide guidance to and consult with the Secretary of Defense, the Under Secretary of Defense for Acquisition, Technology, and Logistics, the Under Secretary of Defense (Comptroller), the Secretaries of the military departments, and the heads of the Defense Agencies with respect to cost estimation in the Department of Defense in general and with respect to specific cost estimates and cost analyses to be conducted in connection with a major defense acquisition program under chapter 144 of this title or a major automated information system program under chapter 144A of this title;

“(3) issue guidance relating to the proper selection of confidence levels in cost estimates generally, and specifically, for the proper selection of confidence levels in cost estimates for major defense acquisition programs and major automated information system programs;

“(4) issue guidance relating to full consideration of lifecycle management and sustainability costs in major defense acquisition programs and major automated information system programs;

“(5) review all cost estimates and cost analyses conducted in connection with major defense acquisition programs and major automated information system programs;

“(6) conduct independent cost estimates and cost analyses for major defense acquisition programs and major automated information system programs for which the Under Secretary of Defense for Acquisition, Technology, and Logistics is the Milestone Decision Authority—

“(A) in advance of—

“(i) any certification under section 2366a or 2366b of this title;

“(ii) any decision to enter into low-rate initial production or full-rate production;

“(iii) any certification under section 2433a of this title; and

“(iv) any report under section 2445c(f) of this title; and

“(B) at any other time considered appropriate by the Director or upon the request of the Under Secretary of Defense for Acquisition, Technology, and Logistics; and

“(7) periodically assess and update the cost indexes used by the Department to ensure that such indexes have a sound basis and meet the Department’s needs for realistic cost estimation.
“(b) REVIEW OF COST ESTIMATES, COST ANALYSES, AND RECORDS OF THE MILITARY DEPARTMENTS AND DEFENSE AGENCIES.—The Secretary of Defense shall ensure that the Director of Cost Assessment and Program Evaluation—

“(1) promptly receives the results of all cost estimates and cost analyses conducted by the military departments and Defense Agencies, and all studies conducted by the military departments and Defense Agencies in connection with such cost estimates and cost analyses, for major defense acquisition programs and major automated information system programs of the military departments and Defense Agencies; and

“(2) has timely access to any records and data in the Department of Defense (including the records and data of each military department and Defense Agency and including classified and proprietary information) that the Director considers necessary to review in order to carry out any duties under this section.
(c) PARTICIPATION, CONCURRENCE, AND APPROVAL IN COST ESTIMATION.—The Director of Cost Assessment and Program Evaluation may—

(1) participate in the discussion of any discrepancies between an independent cost estimate and the cost estimate of a military department or Defense Agency for a major defense acquisition program or major automated information system program of the Department of Defense;

(2) comment on deficiencies in the methodology or execution of any cost estimate or cost analysis developed by a military department or Defense Agency for a major defense acquisition program or major automated information system program;

(3) concur in the choice of a cost estimate within the baseline description or any other cost estimate (including the confidence level for any such cost estimate) for use at any event specified in subsection (a)(6); and

(4) participate in the consideration of any decision to request authorization of a multiyear procurement contract for a major defense acquisition program.
"(d) DISCLOSURE OF CONFIDENCE LEVELS FOR BASELINE ESTIMATES OF MAJOR DEFENSE ACQUISITION PROGRAMS.—The Director of Cost Assessment and Program Evaluation, and the Secretary of the military department concerned or the head of the Defense Agency concerned (as applicable), shall each—

"(1) disclose in accordance with paragraph (2) the confidence level used in establishing a cost estimate for a major defense acquisition program or major automated information system program, the rationale for selecting such confidence level, and, if such confidence level is less than 80 percent, the justification for selecting a confidence level of less than 80 percent; and

"(2) include the disclosure required by paragraph (1)—

"(A) in any decision documentation approving a cost estimate within the baseline description or any other cost estimate for use at any event specified in subsection (a)(6); and

"(B) in the next Selected Acquisition Report pursuant to section 2432 of this title in the case of a major defense acquisition program, or the next quarterly report pursuant to section 2445c of this title in the case of a major automated information system program.
§ 2334. Independent cost estimation and cost analysis

“(e) ANNUAL REPORT ON COST ASSESSMENT ACTIVITIES.—(1) The Director of Cost Assessment and Program Evaluation shall prepare an annual report summarizing the cost estimation and cost analysis activities of the Department of Defense during the previous year and assessing the progress of the Department in improving the accuracy of its cost estimates and analyses. Each report shall include, for the year covered by such report, an assessment of—

“(A) the extent to which each of the military departments and Defense Agencies have complied with policies, procedures, and guidance issued by the Director with regard to the preparation of cost estimates for major defense acquisition programs and major automated information systems;

“(B) the overall quality of cost estimates prepared by each of the military departments and Defense Agencies for major defense acquisition programs and major automated information system programs; and

“(C) any consistent differences in methodology or approach among the cost estimates prepared by the military departments, the Defense Agencies, and the Director.

“(2) Each report under this subsection shall be submitted concurrently to the Secretary of Defense, the Under Secretary of Defense for Acquisition, Technology, and Logistics, the Under Secretary of Defense (Comptroller), and the congressional defense committees not later than 10 days after the transmittal to Congress of the budget of the President for the next fiscal year (as submitted pursuant to section 1105 of title 31).

“(3)(A) Each report submitted to the congressional defense committees under this subsection shall be submitted in unclassified form, but may include a classified annex.

“(B) The Director shall ensure that a report submitted under this subsection does not include any information, such as proprietary or source selection sensitive information, that could undermine the integrity of the acquisition process.

“(C) The unclassified version of each report submitted to the congressional defense committees under this subsection shall be posted on an Internet website of the Department of Defense that is available to the public.

“(4) The Secretary of Defense may comment on any report of the Director to the congressional defense committees under this subsection.