A detailed profile of a bald eagle's head, facing right, with its white feathers and yellow beak clearly visible. The eagle is positioned on the left side of the slide, partially overlapping the background.

# **Federal Sector Earned Value Management System (EVMS) Validation Strategy Plan**

**Presented by**

**Buddy Everage  
Federal Sector EVM Focal Point**


# Overview

- **Goals**
- **The Process**
- **Implementation Status** (as of: 31 Jan 03)

**Federal  
Sector**

**Earned  
Value  
Management**

# Goals

- 
- A. Federal Sector Earned Value Management System (EVMS) Validation/Certification**
- Satisfy all DoD, Civil Agencies & Office of Management and Budget (OMB) performance management (earned value) requirements contained in RFPs and contracts
- B. Instill a disciplined approach to project/program management**
- Satisfy Industry Standard EVM Guidelines (EIA Standard 748-A)
  - Focus on best business practices
  - A process for all programs
- C. Foster sound management decisions to ensure contract technical, schedule, and cost objectives are met**
- Avoid large schedule slips and cost overruns
  - Link contract performance to corporate bottom line
- D. Enhance customer satisfaction**

**Federal  
Sector**

**Earned  
Value  
Management**

# The Process



- Establish an EVMS which can be used on all programs
- Requirements Reviews (Process Reviews) – Phase 1
  - Review current program management & earned value management business practices, processes & procedures
    - Assess processes & procedures currently being used
    - Evaluate compliance of procedures with current CSC Program Management Control System (PMCS)
    - Determine whether procedures meet Industry Standard EVMS Guidelines intent
- Write Federal Sector EVM System Description
  - Use current PMCS as guide to develop short, concise document
  - Detailed Group Operating Instructions & Business Unit (BU) Program Procedures
- Write Federal Sector EVM Policy
  - Rewrite to comply with Industry Standard, PMCS, Operating Instructions, etc.

**Federal  
Sector**

**Earned  
Value  
Management**



# The Process (continued)



- **Progress Assistance Visits – Phase 2 (AEGIS)**
  - Ensure Program is implementing procedures & processes as described
  - Assist with Implementation
  - Conduct training as required
- **Readiness Assessments – Phase 3 (AEGIS & IRS PRIME)**
  - Prepare program staff for Self Evaluation Certification Review
  - Documentation reviews, mock CAM/PCO discussions, training
  - Focus on Control Account Managers (CAMs)
  - Determination of readiness for self-evaluation certification
- **Self Evaluation Certification Review - Phase 4 (AEGIS & IRS PRIME)**
  - CSC Team, NDIA & Customer comprise Self Evaluation Team
    - Will invite Defense Contract Management Agency (DCMA), DoD Executive Agent for EV, and other customers to participate
  - Program staffs demonstrates to Self Evaluation Team:
    - PMCS compliance with Industry Standard EVMS Guidelines
    - Program use of PMCS as a management tool

**Federal  
Sector**

**Earned  
Value  
Management**

# The Process (continued)

- **NDIA/DCMA/OSD(USD(A))/Customer Coordination**
  - **Meetings to:**
    - Discuss CSC EVMS certification/validation strategy
    - Present validation approach to National Defense Industrial Association (NDIA) CEO to get final approval
    - Keep DCMA involved & aware of our certification/validation process
    - Lockheed Martin (NESS) and IRS have stated their support & willingness to assist in our certification/validation approach
    - DCMA and Office of Secretary of Defense (OSD) was introduced to our approach during NDIA Program Management Systems Subcommittee (PMSS) meeting in Aug 2002
- **Advance Agreement (AA) Signed by OSD/DCMA**
  - Self Evaluation Report forwarded to NDIA for review and approval
  - NDIA submits letter to DCMA & OSD recommending approval of CSC Federal Sector validation
  - Bilateral agreement between the government & CSC concerning the application of an approved EVMS to contracts
  - AA included in proposals in lieu of System Description and Implementation Plan
  - AA should be referenced and incorporated into each Government contract requiring the application of the EVMS

**Federal  
Sector**

**Earned  
Value  
Management**

# Implementation Status (as of 31 Jan 03)



**Federal  
Sector**

**Earned  
Value  
Management**

|   | <u>Plan</u>  |               | <u>Actual</u> |               |
|---|--------------|---------------|---------------|---------------|
|   | <u>Start</u> | <u>Finish</u> | <u>Start</u>  | <u>Finish</u> |
| Requirements Reviews (Process Reviews)<br>Aegis, JCALS, Stock Control, WSMIS,<br>SETS, ERSDS, STARS | 08Jul02      | 12Nov02       | 08Jul02       | 12Nov02       |
| Write Federal Sector EVM System Description (Draft)   | 08Jul02      | 10Jan03       | 08Jul02       | 31Jan03       |
| Write Federal Sector EVM Policy (Draft)   | 02Sep02      | 31Jan03       | 17Dec02       | 31Jan03       |
| Final Review & Approval   | 01Feb03      | 31Mar03       | 04Feb03       |               |
| Progress Assistance Visits (AEGIS)  | 27Feb03      | 9May03        |               |               |
| Readiness Assessments (AEGIS & IRS)   | 05Jun03      | 22Aug03       |               |               |
| Self Evaluation Certification Review (AEGIS & IRS)  | 15Sep03      | 27Oct03       |               |               |
| NDIA/DCMA/OSD(USD(A))/<br>Customer Coordination   | 11Nov02      | 24Nov03       |               |               |
| Advance Agreement Signed  | 24Nov03      | 24Nov03       |               |               |

# System Description Outline



**Federal  
Sector**

**Earned  
Value  
Management**

- **Proposal and Contract Planning Phase:**
  1. **Proposal Preparation**
  2. **Organizing for Program Management.**
  3. **Establishing and Maintaining an Integrated Schedule for Program Management**
  
- **Contract Implementation Phase:**
  4. **Authorizing Program Work Scope and Resources**
  5. **Interfacing the EVMS with Actual Cost Processes**
  6. **Managing with Program Performance Information**
  7. **Incorporating Approved Changes to Program Information**
  8. **Managing Program Material and Subcontracted Items**
  9. **Implementation and Surveillance**



# EVM Policy Outline

- **Policy**

- Principles and processes provided in the EIA Standard 748-A and PMCS

- **Applicability**

- Developmental or non-recurring effort with end-item deliverable with project value > \$5M and period of performance > 12 months (have not finalized these numbers)
  - Contractually required
  - Direction of Senior Management

- **Key Terms & Definitions**

- **General**

- Essential elements of an EVMS
  - Implementation

- **Corporate Responsibilities**

- VP Financial Management
  - Division/Group/Business Unit Senior Executives
  - Program/Project Manager
  - Control Account Manager
  - Program Control Analyst
  - Program Control Manager
  - Director Program Control
  - EVM Focal Point
  - BPMP (DA/QA)

- **Authority**

- **Exceptions**

CSC Proprietary

**Federal  
Sector**

**Earned  
Value  
Management**

# The End



**Federal  
Sector**

**Earned  
Value  
Management**