PARCA Update

NDIA PMSC MEETING
September 11, 2013

AGENDA

▶ PARCA

▶ Policy Status

▶ EVM CR/Data Alignment

▶ Corporate Meetings

▶ PMSC Subgroup Meetings

▶ Q&A

PARCA EVM Vision

Foster cross functional situational awareness, visibility, and accountability through integrated program management at all levels of the acquisition community

▶ *Guiding Principles*

- Increase the quality and utility of EVM data

- Increase the use of EVM across the acquisition chain

- Improve acquisition professionals ability to utilize EVM

- Reduce Contractor's administrative burden of inefficient use of EVM

- Ensure constructive 2-way communication between DoD and Industry

- EVMS is perceived by all stakeholders to be cost effective

PARCA Organization

Director, Performance Assessments and Root Cause Analyses (PARCA)
Mr. Gary R. Bliss

Deputy Director for Earned Value Management	Deputy Director for Root Cause Analysis	Deputy Director for Performance Assessments	Deputy Director for Acquisition Policy Analysis Center
Mr. Gordon M. Kranz	*Dr. D. Mark Husband*	*Mr. James P. Woolsey*	*Dr. Philip S. Anton*
OSD EVM Policy Holder	Nunn McCurdy Breach Analysis	Program Assessments and DAES Selection	Analysis Team

PARCA was brought into existence via the reforms called for by the Weapon Systems Acquisition Reform Act (WSARA) of 2009

As the central office for major defense authorization performance assessment, root cause analysis, and earned value management (EVM), PARCA advises AT&L on program execution status; and issues policies, procedures, and guidance to the Military Departments and the Defense Agencies to improve program management practices

PARCA EVM Organization

PARCA Earned Value Management Division Authorities

Policy and Guidance	EVM Competency	EVM Data Requirements	EVM Central Repository	Communications and Outreach
Develop, publish, and maintain DOD policy and guidance on EVM	Serve as DoD EVM Functional Lead to influence EV competency requirements; Coordinate with Defense Acquisition University (DAU)	Review and approve EVM data requirements for MDAP programs in coordination with Services and Defense Agencies	Be responsible for the Earned Value Central Repository (CR) and maintain CR data alignment with the Acquisition Visibility framework; Report EVM data compliance, integrity, and quality to AT&L	Resolve interpretive differences in EVM policy, practice, and requirements; Maintain communications with industry on EVM policy

PARCA is responsible and accountable for EVM performance, oversight, and governance across the Department

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PARCA EVM POLICY STATUS

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PARCA
EVM

▶ DFARS Case

▶ EVMS Interpretive Guide

DFARS Case Update

Purpose: Clarify & Better Define the Application of EVM, especially importance of work scope

DFARS #	Title	DFARS	PGI
201	Deviations	No	
207	Acquisition Planning	No	Yes*
234	Earned Value Management System	Yes	Yes
242	Contract Admin Functions	No	
252.234-7001, 7002	Solicitation Provisions and Contract Clauses	Yes to 7002	

* Not submitted as part of DFARS Case, will be worked separately but in parallel

- Earned Value Management Applicability DFARS case was approved by the DAR Council Director and opened on August 28, 2013

- Submission of the proposed rule to the DAR Council is scheduled for September 25

EVMS Interpretive Guide

▸ DoD to jointly develop a DoD interpretation of EVM Guidelines

▸ Leverage EVM IPT expertise to ensure common and consistent cross-Department interpretation

▸ More details to be briefed by Joe Sweeney, DCMA

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PARCA EVM-CR AND DATA ALIGNMENT

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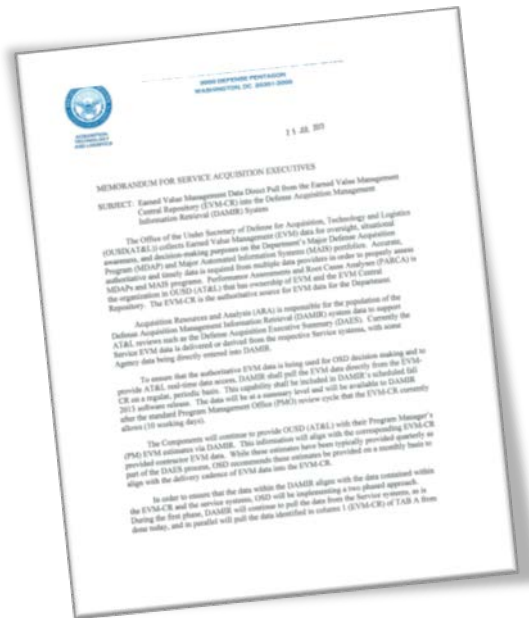
AGENDA

▶ Data Alignment Initiative

▶ UN/CEFACT Update

DATA ALIGNMENT INITIATIVE

Data Alignment

▶ EVM-CR to DAMIR Alignment

- Have DAMIR pull EVM data directly from the EVM Central Repository

- Includes EVM data and basic contract information

- Provides timely, authoritative data for the DAES process

Memo signed authorizing the activity by Dr. Spruill and Mr. Bliss on 25 Jul 2013

Two Phased Approach

▸ Phase 1 (Sept software release)

- DAMIR will pull data from the EVM-CR and the services for comparison

- A side-by-side "tab" in DAMIR will be created to view the differences in alignment and actual data between the services and the EVM-CR

- During this phase the various team members working this effort will focus on aligning the data and cleaning up erroneous contract info

▸ Phase 2 (Dec software release)

- All fields to populate the Contract Detail section of DAMIR will be pulled from the EVM-CR (see tab A in the memo for detail – approx. 40 fields)

- Excludes non-EVM contracts and PM estimates as noted earlier

UN/CEFACT XML UPDATE

XML Topics In Discussion

▶ Proposed changes/clarifications in XML to be presented by CCB members to PARCA by September 30th

- Clarification of element use notes (most topics were in this category)

  - Use of decimals in hours or equivalent heads

  - Clarification of calendar and reporting period elements (calendar months, accounting, 13 periods, etc.)

  - Documented intended use of various elements (summary elements, resource category codes, numeric sequencing, etc.)

  - Cost reporting level expected

  - Defined how baseline changes should be reported

  - Element name inconsistencies were resolved

  - Further clarification for the format 7 data exchange instructions for the time phased data to ensure a common understanding of the data expectations (also provided an example)

- Allow for hours-only CPR

- Base schemas vs. restricted schemas

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PARCA EVM CORPORATE EVM MEETINGS

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PARCA EVM

▶ Approach

▶ Typical Meeting Agenda

▶ Outcomes

▶ Way Ahead

Approach

▶ PARCA, DCMA, Corporate EVM POC's meet to talk about EVM topics of mutual interest

▶ Meet with Corporations on a recurring, rotating basis

▶ Open dialogue

▶ Topics of discussion provided by Corporations, PARCA, and DCMA

Typical Meeting Agenda

▶ **Introductory Remarks**

▶ **EVMS Implementation Status:** Company describes EVMS implementation status in their Company (i.e. approval/disapproval, facilities, etc.)

▶ **EVM Data Quality:** PARCA presents report status of data items in the EVM Central Repository

▶ **EVM Policy Interpretation:** Questions or issues Company has regarding EVM Policy (i.e. IPMR implementation; practices in field that seem inconsistent with policy; CAR status)

▶ **Corporate Enterprise EVMS Tools:** Company describes Enterprise EVMS toolset, including any issues with UN/CEFACT

▶ **EVM Professional Certifications within Company:** What EVM certifications are held by individuals in Company? Who holds them (PM, SE, Project Control, etc.)? Are they from external organizations or internal to the Company?

▶ **Open Discussion/Action Item Recap:** Additional topics or questions and review of actions with assigned actionee, and due dates

Outcomes

▸ **EVM Data Quality**

- Govt Program Offices responsible for initiating project in EVM-CR
- Contractor responsible for submitting data to EVM-CR
- PARCA assesses data quality

▸ **EVM Policy Interpretation**

- Companies are providing data to support perceived issues to allow for investigation and action (i.e. CAR's)
- Based on limited information, Planning, Scheduling, and Budgeting guidelines 6, 9, and 10 and Accounting guideline 16 appear to have the most CAR's against them

▸ **Corporate Enterprise EVMS Tools**

- Obtaining a list of Corporate tools being used
- PARCA will publish status of tools' ability to support UN/CEFACT

Tools Status

Vendor	Product Name	Purpose	Export UN/CEFACT	Import UN/CEFACT	EVM-CR Validated	EVM-CR Team Notes
Ares	PRISM G2 3.4	Cost / Schedule	Y		N	Have received files to test
Artemis	Views	Cost / Schedule			N	
Dassian	DP010 - SAP Program Plans and Controls	Cost / Schedule	Y		N	
Deltek	Acumen Fuse 4.3	Schedule	Y	Y	N	
Deltek	Cobra 5.1	Cost			N	Have received various files, some from vendor and some from users. Getting close but still not hitting DEI.
Deltek	Winsight 6.5.1	Cost	Y		N	same
Deltek	OpenPlan 3.3	Schedule			N	same
Deltek	MPM 3.4	Cost			N	same
Encore	Empower 2.2	Cost / Schedule	Y	Y	Y	Only verified COST; most extensive test yet with 4 timeperiods.
forProject	Export forProject	Schedule			N	
forProject	EVMS forProject	Schedule			N	
Oracle	Primavera P6 Enterprise Project Portfolio Management Release 8.3	Cost / Schedule	Y		N	
Safran	Safran Xporters	Cost / Schedule	Y		Y	Was missing baseline change data for Format 3
Safran	Safran Proteus	Cost / Schedule	N/A	Y	N/A	
Steelray	Javelin 5.2.10.17	Cost / Schedule	N/A	Y	N/A	
Steelray	Project Analyzer 3.5.0.488	Schedule	N/A	Y	N/A	
Steelray	Project Viewer 1.1.1.24	Schedule	N	Y	N/A	
Steelray	MS Project Export 1.4.4.0	Schedule	Y	N/A	Y	Most recent Export passed a test with MS Project to XML convert.

Note: In this table, where the term XML is used, the UN/CEFACT XML standards defined for DoD use are meant

Way Ahead

▶ Establish meeting recurrence and participants

- Based on information in the EVM-CR, identify and meet with next 5 Companies between now and January

▶ PARCA, DCMA and Corporations work through actions and gather data

▶ Identify policy gaps or interpretation issues and plans to address

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PARCA EVM PMSC SUBGROUP MEETINGS

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AGENDA

▸ Meetings

▸ Near-term Government Collaboration

PARCA-PMSC Working Group Meetings

▶ Throughout July and August, PARCA met with each PMSC Working Group Lead

Working Group	Meeting Date	WG Lead
Civilian Agency Industry	8/13/2013	Jerald Kerby
Clearinghouse	8/9/2013	Pete Wynne
Contracts	7/26/2013	Nick Pisano
Earned Value Management Systems Intent Guide Update	7/26/2013	Mike Cuticchia
Integrated Baseline Review (IBR) Guide Update	8/13/2013	Neil Albert
NDIA PMSC Guides	8/9/2013	Dan Butler
Planning and Scheduling	7/29/2013	Carla Gilhuys & Yancy Qualls
Production EVM	7/25/2013	Scott Gring
Program Management	8/2/2013	Bill Altman & Stewart Tague
Risk and Opportunity Management	7/29/2013	Steve Barnoske
Sustainment Performance Measurement	8/9/2013	Lisa Wolf & Jason Miller

Focus of Meetings
- Goals of Working Group
- Current Activities
- Work Products
- Areas in need of Government Assistance

PMSC WORKING GROUPS

Near-term Government Collaboration

▶ Production/Manufacturing/Naval Construction Earned Value Working Group

- Review of how 32 Guidelines apply to production and ship building

- Work products tie into current DFARS update being submitted by PARCA to the DAR Council

▶ Contract/ Subcontract Working Group

- Review of EVM Applicability by contract type, risk, and other factors

- Ties into current DFARS update being submitted by PARCA to the DAR Council

- Activities in this subgroup can help identify policy gaps and interpretation issues

Near-term Government Collaboration

▶ **Program Management and Planning and Scheduling Work Groups**

  ▪ Participate on Predictive Measures Guide Review Board or provide comments

▶ **EVMS Intent Guide Refresh Working Group**

  ▪ Relationship to DoD EVM Interpretive Guide

QUESTIONS??

BACK-UP

39 Fields From the EVM-CR

ACWP	*Contractor Worst Case Management EAC*
BAC	*CPR / Report Date*
BCWP	Definitization Date
BCWS	EV Planned Completion Date
CBB	EV PMB EAC
Ceiling Price	NCC
Completion Date	Original NCC
Contract Effort Name	OTB BAC Adjustment
Contract Effort Number	OTB CV Adjustment
Contract Number	OTB Date
Contract Type(s)	OTB SV Adjustment
Contractor Best Case Management EAC	**Program URI**
Contractor CAGE Code	Program/System Name
Contractor Division	Program/System Phase
Contractor ECD	Quantity
Contractor Estimated Ceiling Price	Share Ratio
Contractor Estimated Price	Start Date
Contractor Most Likely Management EAC	TAB
Contractor Name	Target Price
Contractor Work Facility Location	

These are the fields that will be coming over from the EVM-CR

- *Red italics* identify the true, authoritative EVM fields

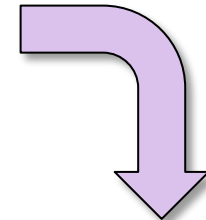- **Bold** indicates fields required for alignment

Service /Agency Supplied Fields

Actual Deliveries
Award Date
Critical Milestone Date(s)
Critical Milestone Name(s)
IBR Date
Modification Date
Modification Number
Notes
Original Ceiling Price
Original Quantity
Original Target Price
PM Best Case Management EAC *
PM ECD
PM Estimated Ceiling Price
PM Estimated Price
PM Most Likely Management EAC *
PM Significant Effort ECD
PM Worst Case Management EAC *
Report Type
Scheduled Deliveries

These are the fields that will be coming over from the service systems

- Asterisk indicates items not needed for non-EVM contracts

- **Bold** fields from EVM-CR list also have to be provided for contract setup and alignment

Contract Effort Number
Contract Number
Program URI
CPR / Report Date

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DAMIR Calculated Fields

Authorized Unpriced Work
Cost Variance in $M
Cost Variance in Percent
CPI
Management Reserve
Percent Schedule
Percent Complete
Percent Spent
Schedule Variance in $M
Schedule Variance Percent
SPI
Variance at Completion
Variance at Completion Percent

These are the fields that are calculated by DAMIR

- DAMIR business rule requires MR = TAB – BAC and also requires AUW = CBB - NCC