



DoD EVM POLICY

EVM Policy Guidance and Interpretation

Mr. John McGregor
PARCA Deputy Director for EVM





Agenda

- ▶ Today's List
 - IPMR Update
 - EVM-CR Industry Reviewer Role
 - EVM Policy Status





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

**OSD EVM
Policy Holder**

**Nunn
McCurdy
Breach
Analysis**

**Program
Assessments
and DAES
Selection**

Analysis Team

Mr. John McGregor
**Deputy Director for
Earned Value
Management**

Mr. Dave Cadman
**Deputy Director for
Root Cause Analyses**

Dr. Peter Eggan
**Deputy Director for
Performance
Assessments**

Dr. Philip Anton
**Deputy Director for
Acquisition Policy
Analysis Center**

*PARCA was brought into existence via the reforms in the
Weapon Systems Acquisition Reform Act (WSARA) of 2009*



IPMR Update

Status and Future of the IPMR Update Initiative





Purpose Of Effort

- ▶ Investigate the benefits of removing legacy Format requirements for EVM cost performance data submission
 - Explore concept of data-driven IPMR construct
 - Reduce duplication of data as required in the different formats
 - Improve data quality, visibility, and utility
 - Improve traceability between cost and schedule data
 - Support DCMA needs as part of automated surveillance activities





Draft IPMR2-Cost Performance Data Model

- Discussed / coordinated with NDIA board and DCMA
- Transformed into data tables for JSON encoding (e.g., represented as separate worksheets in an Excel workbook)
- Prepared draft File Format Specification and Data Exchange Instructions

The image displays 13 numbered Excel spreadsheets representing data tables for the IPMR2-Cost Performance Data Model. The spreadsheets are arranged in a grid-like fashion with large blue numbers 1 through 13 overlaid on them. The tables contain various data points related to program elements, cost estimates, and performance metrics.

- 1:** Program Elements Summary
- 2:** Cost Elements Summary
- 3:** Performance Elements Summary
- 4:** Program Elements Summary (Detailed)
- 5:** Program Elements Summary (Detailed)
- 6:** Program Elements Summary (Detailed)
- 7:** Program Elements Summary (Detailed)
- 8:** Program Elements Summary (Detailed)
- 9:** Program Elements Summary (Detailed)
- 10:** Program Elements Summary (Detailed)
- 11:** Program Elements Summary (Detailed)
- 12:** Program Elements Summary (Detailed)
- 13:** Program Elements Summary (Detailed)

Concept data model tables needed to extend the IPMR Format 7





IPMR₂ Draft Data Exchange Standard

- ▶ PARCA assessed different technologies and approaches for data exchange standards for next generation IPMR
 - Modeled EV-Cost Performance data requirements as a collection of normalized data tables to assess fit to exchange technology.
 - Trade-space options: UNCEFACT-XML, Other XML, JSON, etc.
 - Coordinated with NDIA, DCMA, and PARCA technical team to evaluate technology options.
- ▶ Data Standards Concept: Zipped collection of simple JSON files that encode IPMR cost performance tables from data model
- ▶ For completeness and consistency the same approach will be used to update the IPMR Schedule data standard.





Notional Plan Forward

2016

Jan – Feb 2017

Mar – Apr 2017

May – Jun 2017

Jul – Aug 2017

Sep – Oct 2017

Nov 2017 →

IPMR Cost Performance

Develop JSON Standard

Vendor Technical Review

Alpha testing

Develop EVM-CR Tool

Final JSON & DEI

Cost & Schedule Integration Testing

IPMR Schedule Performance

Develop JSON Standard

Vendor Technical Review

Alpha testing

Develop EVM-CR Tools

IPMR Policy (DID)

Draft Policy Update

Gov & Industry Review

Comment Review

Finalize & Publish Policy





EVM-CR

Discussion of new EVM Central Repository Industry Reviewer Role



EVM-CR Industry Reviewer Role

► Provides Industry corporate focal points with insight into the reports delivered by their corporations into the EVM Central Repository

► Gives the following capabilities

- Data quality validation status reports
- Review compliance reports real time
- Access to view and download all files delivered by corporate Data Managers

The screenshot shows a dashboard titled 'INDUSTRY PARTNER' with a grid of data. The grid has columns for 'Program' and 'Contract' (e.g., PHASE 1, PHASE 2, PHASE 3, PHASE 4, PHASE 5, PHASE 6, PHASE 7, PHASE 8, PHASE 9, PHASE 10, PHASE 11, PHASE 12, PHASE 13, PHASE 14, PHASE 15, PHASE 16, PHASE 17, PHASE 18, PHASE 19, PHASE 20, PHASE 21, PHASE 22, PHASE 23, PHASE 24, PHASE 25, PHASE 26, PHASE 27). The rows represent different data points, and the cells in the grid are colored (green, red, black, white) to indicate status or compliance levels.

The screenshot shows a file submission interface. It includes a table with columns: File Name, File Type, Contains Format 5 Data, Component, and File Comment. Two files are listed: 'Dec 2016 Electronic Cost.XML' (Electronic Cost) and 'Formats 1-4.pdf' (Human Readable Cost). Below the table are buttons for 'View Submission CPRs' and 'View Submission IMS'.

File Name	File Type	Contains Format 5 Data	Component	File Comment
Dec 2016 Electronic Cost.XML	Electronic Cost			
Formats 1-4.pdf	Human Readable Cost	Yes		

The screenshot shows a compliance report table with columns: Description, Source, Passed, and Failed. The table lists various compliance rules and their status.

Description	Source	Passed	Failed
Share Above (Contractor Share) between 0 and 100	DAMSR	X	
Share Below (Contractor Share) between 0 and 100	DAMSR	X	
Report Period From is required	DAMSR	X	
Report Period From must be on or before Report Period To	DAMSR	X	
Completion Date must be on or After Start Date	DAMSR	X	
Estimated Completion Date must be on or After Start Date	DAMSR	X	
Named (Budget) Completion Date must be on or after Start Date	DAMSR	X	
7TB Date must be on or before Report Period To (or report created date)	DAMSR	X	
Management Reserve must be greater than or equal to 0	DAMSR	X	
Quantity must be greater than or equal to 0	DAMSR	X	
MB SAC must be less than or equal to TAB	DAMSR	X	
Contract Ceiling price must be greater than or equal to Target Price	DAMSR	X	
Estimated Contract Ceiling must be greater than or equal to Estimated Price	DAMSR	X	
Target Price must be greater than or equal to NEC	DAMSR	X	
Not Case EAC must be less than or equal to Most Likely EAC	DAMSR	X	
Not Case EAC must be greater than or equal to Most Likely EAC	DAMSR	X	
Not Case EAC must be less than or equal to Worst Case EAC	DAMSR	X	
MB Cumulative BCIVS must be less than or equal to PWB SAC	DAMSR	X	





EVM-CR Industry Role; Sign Up

- ▶ Provide the EVM-CR with a signed letter on your company letterhead that states you are authorized to have access to data within our system.
- ▶ Create an account on <http://cade.osd.mil/>



Be sure to include a comment that states you need
“Industry Reviewer Access”





EVM Policy

Status of policy initiatives and future endeavors regarding EVM guidance





Ongoing Initiatives

- ▶ **DFARS Update** – DAR Council review complete and submitted as proposed rule; 60 day comment period to commence after final DPAP leadership review
- ▶ **5000.02 Update** – EVM inputs provided; document awaiting signature
- ▶ **EVMS Reciprocity** – DoD signed memo to OMB supporting sharing of contractor EVMS compliance information across Federal agencies
- ▶ **EVMSIG Update** – Document updated based on comments and questions received since publishing; out for Govt and Industry review
- ▶ **MIL-STD-881C Update** – Targeted appendix reviews with DoD and Industry EVM and Cost communities





Current Initiatives

- ▶ **EVMIG Replacement** – Catch-all document to include EVM applicability and policy clarification / guidance
- ▶ **OTB / OTS Guide Update** – NDIA IPMD provided draft language to OSD; out for EVM IPT review
- ▶ **Agile & EVM PM Desk Guide** – PARCA working on update to guide to cover IBR and further explain relationship of metrics





Thank You!

Questions Contact Us

PARCA AEP Program

PARCA Acquisition Exchange Program (AEP) provides a unique career-development experience for high-caliber Government civilians or military personnel interested in acquisition and/or EVM.

<http://www.acq.osd.mil/evm/aep.program.html>

PARCA EVM Website:
<http://www.acq.osd.mil/evm/>

PARCA EVM Email:
osd.dodevm@mail.mil

