PARCA EVM

DoD EVM POLICY

EVM Policy Guidance and Interpretation

Mr. John McGregor
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▸ 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

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

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

IPMR Update
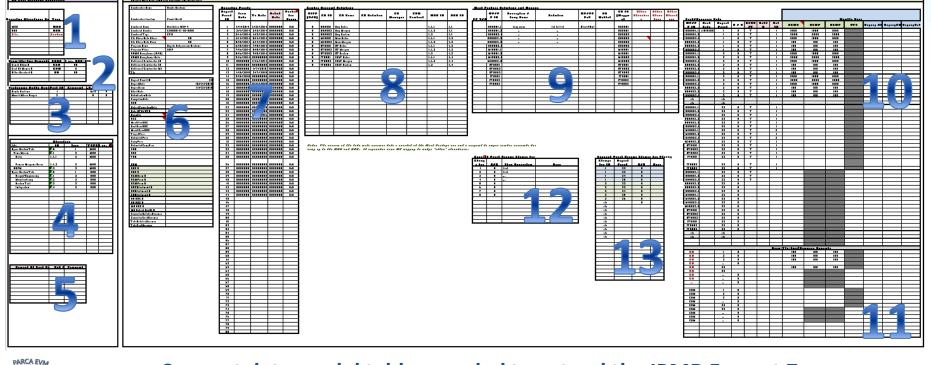# Status and Future of the IPMR Update Initiative

▸ **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

▸ 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

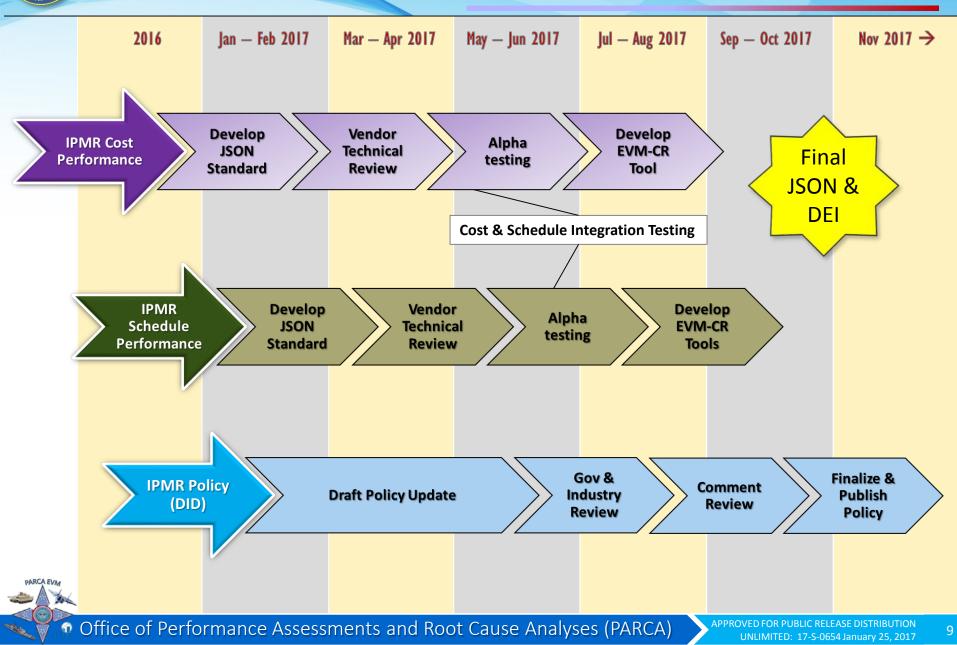**Concept data model tables needed to extend the IPMR Format 7**

IPMR$_2$ 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 asses 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 <u>JSON</u> 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

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EVM-CR

Discussion of new EVM Central Repository 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

▶ 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

▸ **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

▸ **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

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/

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