PARCA
EVM

EVM Practitioners' Symposium

PARCA EVM Initiatives

Mr. John McGregor
PARCA Deputy Director for EVM

July 28, 2016

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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	*Mrs. Lynne Giordano*	***Dr. Peter Eggan***	*Dr. Philip Anton*
Deputy Director for Earned Value Management	**Acting Deputy Director for Root Cause Analyses**	**Deputy Director for Performance Assessments**	**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

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PARCA EVM

PARCA EVM Division

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

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Agenda

- Data Stream Reporting
- Agile and EVM

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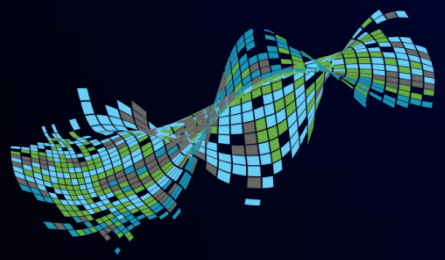

The Future……streaming, integrated, flexible, and actionable data

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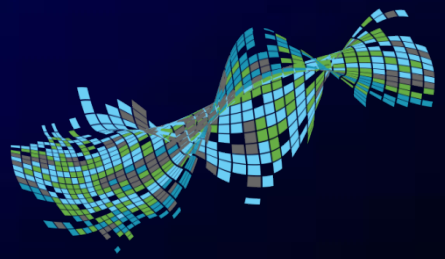
The Future Part 1 - Data

- Investigate the benefits of removing legacy IPMR Format requirements for EVM data submission



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Understanding IPMR Data Formats

CONTRACT PERFORMANCE REPORT
FORMAT 4 - STAFFING

Form Approved
OMB No. 0704-0188

CONTRACT PERFORMANCE REPORT
FORMAT 3 - BASELINE

DOLLARS IN

CONTRACT PERFORMANCE REPORT
FORMAT 2 - ORGANIZATIONAL CATEGORIES

DOLLARS IN

CONTRACT PERFORMANCE REPORT
FORMAT 1 - WORK BREAKDOWN STRUCTURE

DOLLARS IN

1. CONTRACTOR | 2. CONTRACT | 3. PROGRAM

a. NAME | a. NAME | a. NAME

b. LOCATION (Address and ZIP Code) | b. NUMBER | b. PHASE

c. TYPE | d. SHARE RATIO | c. EVMS ACCEPTANCE

NO | YES (YYYYMMDD)

5. CONTRACT DATA

a. QUANTITY	b. NEGOTIATED COST	c. EST. COST AUTHORIZED UNPRICED WORK	d. TARGET PROFIT/ FEE	e. TARGET PRICE	f. ESTIMATED PRICE	g. CONTRACT CEILING	h. EST

6. ESTIMATED COST AT COMPLETION

	MANAGEMENT ESTIMATE AT COMPLETION (1)	CONTRACT BUDGET BASE (2)	VARIANCE (3)
a. BEST CASE			
b. WORST CASE			
c. MOST LIKELY			

7. AUTHORIZED CONTRACTOR REPRESENTATIVE

a. NAME (Last, First, Middle Initial) | b. TITLE

c. SIGNATURE

8. PERFORMANCE DATA

ITEM (1)	CURRENT PERIOD: BUDGETED COST WORK SCHEDULED (2)	BUDGETED COST WORK PERFORMED (3)	ACTUAL COST WORK PERFORMED (4)	VARIANCE SCHEDULE (5)	VARIANCE COST (6)	CUMULATIVE TO DATE: BUDGETED COST WORK SCHEDULED (7)	BUDGETED COST WORK PERFORMED (8)	ACTUAL COST WORK PERFORMED (9)	VARIANCE SCHEDULE (10)	VARIANCE COST (11)	REPROGRAMMING ADJUSTMENTS: COST VARIANCE (12a)	SCHEDULE VARIANCE (12b)	BUDGET (13)	ESTIMATED (14)	ESTIMATED (15)	VARIANCE (16)
a. WORK BREAKDOWN STRUCTURE ELEMENT																
b. COST OF MONEY																
c. GENERAL & ADMINISTRATIVE																
d. UNDISTRIBUTED BUDGET																
e. SUBTOTAL (Performance Measurement Baseline)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
f. MANAGEMENT RESERVE																
g. TOTAL	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		

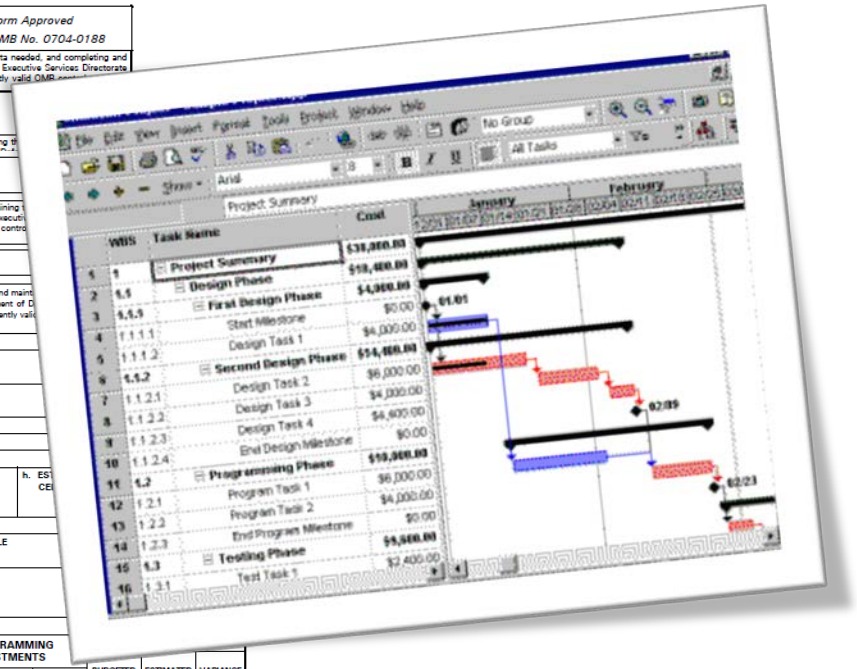
9. RECONCILIATION TO CONTRACT BUDGET BASE

a. VARIANCE ADJUSTMENT																
b. TOTAL CONTRACT VARIANCE										0.00	0.00					

DD FORM 2734/1, APR 2005 — PREVIOUS EDITION IS OBSOLETE. — LOCAL REPRODUCTION AUTHORIZED. Adobe Professional 7.0

CLASSIFICATION (When filled in)

Reset



Data standards for Formats 1-4, 6 were designed to model the legacy visualizations and formats of a CPR and IMS

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IPMR XML – Format 7 Evolution

- Purpose: Transition IPMR to a data centric exchange standard
  - Reduce duplication of data in different formats and supplemental reports
  - Improve data quality, visibility, and utility
  - Improve traceability between cost and schedule
  - Tailor to meet various stakeholder reporting requirements
    - Support PMO oversight needs
    - Support DCMA needs as part of automated surveillance activities

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IPMR XML – Format 7 Evolution

Impact

- Eliminate IPMR "Formats 1-4" requirement
  - Data from Formats 1-4 still to be collected
- New DID and XML
  - Anticipate updates to Formats 5 and 6 (DIDs and/or XML Schema): not yet defined
  - XML schema and/or DEI updates required

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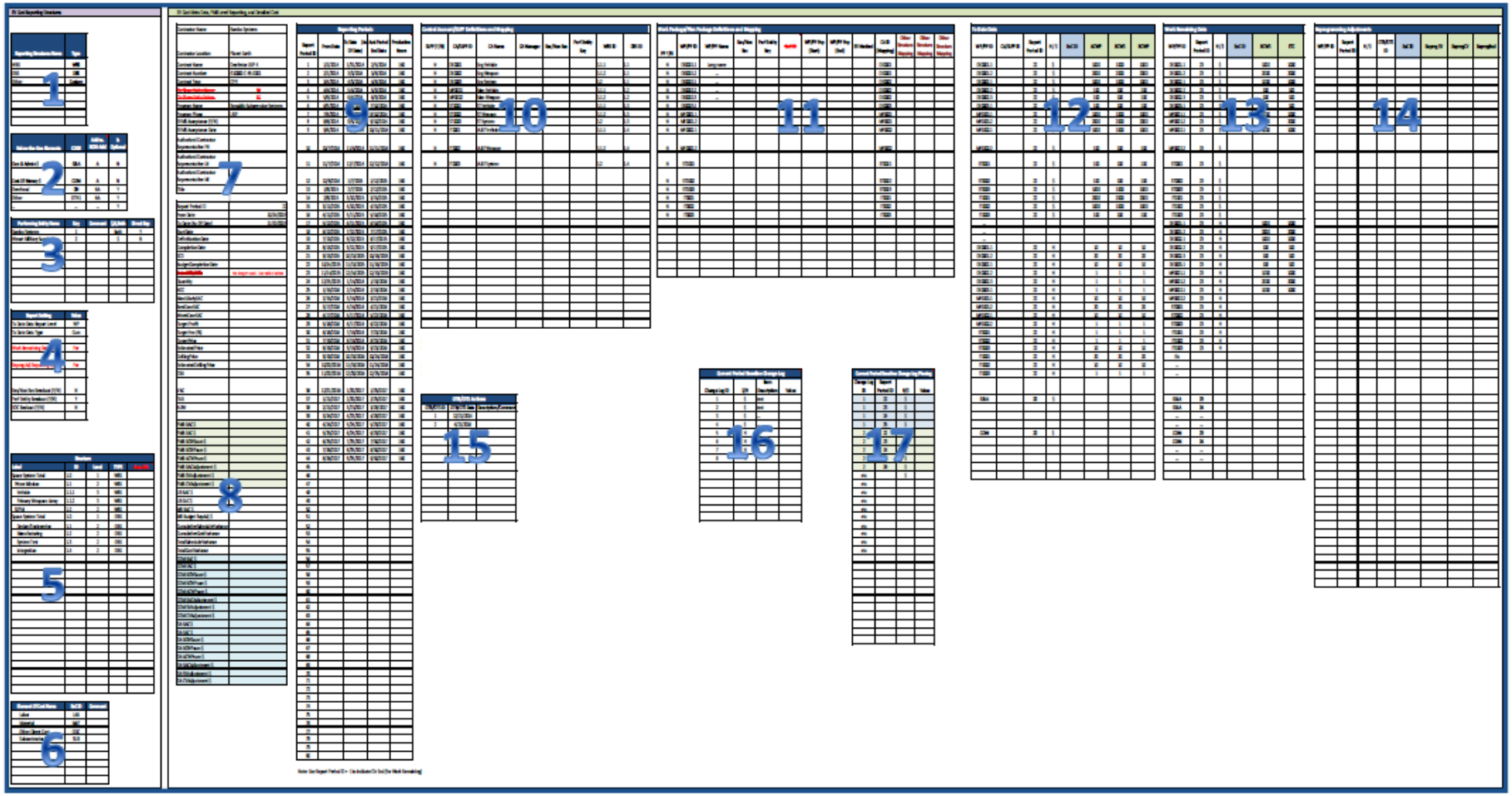
IPMR XML – Format 7 Evolution

- Table structures currently under development



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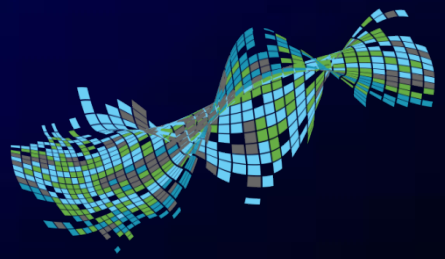
The Future Part 2 – Agile

- Further development of the relationship between Agile philosophies and EVM



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EVM Application: Agile

- *Agile* philosophies promote rapid incremental product deliveries, provide flexibility to respond to changing requirements, and advocate customer collaboration
  - Still an emerging product development approach in DoD
  - Agile can coexist within the disciplines required for EVMS compliance with certain considerations (both in EVM and in contract language)

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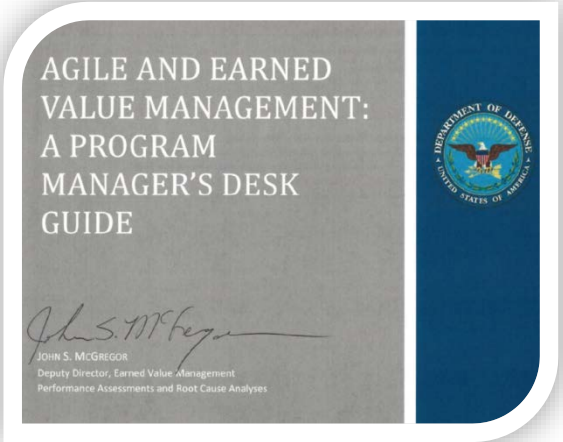
EVM and Agile Guide

- Agile and EVM: A Program Manager's Desk Guide
  - Signed March 3, 2016
  - Covers the following topics:
    - Agile and EVM System Compliance
      1. Organization and the WBS
      2. Planning and Scheduling
      3. Measuring Progress
      4. Baseline Maintenance
    - Agile and Maintaining EVMS Compliance
      1. Standard terminology and metrics
      2. Agile metrics and EVM metrics
      3. Traceability



Questions and feedback on the document are welcome

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Future Agile and EVM Guide Efforts

- Agile and the IBR
- Agile metrics and EVM metrics; better understanding of the relationship
- Enhancement of the examples and scenarios
- Understanding of contracting for Agile

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Questions ??

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Thank You!

Contact Us

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

PARCA EVM Email:
osd.dodevm@mail.mil

PARCA AEP Program

PARCA Acquisition Exchange Program (AEP) provides a unique career-development experience for high-caliber individuals interested in acquisition and acquisition-related career fields.

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

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