Compare Results

Old File:		New File:
25.01.01 v03.pdf	versus	**F.03.01 - 25.01.01 v04.pdf**
2 pages (106 KB)		2 pages (132 KB)
1/22/2022 4:44:03 PM		1/23/2022 1:26:58 AM

Total Changes

28

Content

13 Replacements

11 Insertions

4 Deletions

Styling and Annotations

0 Styling

0 Annotations

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DOE EVMS Metric Specification

1. Process Category	2. Metric ID (new, old)		3. Method	4. Frequency
F	**F.03.01**	(25.01.01) (127)	automated	quarterly

5. Attribute

Performance Measurement Information

6. Metric Intent

This metric confirms that performance measurement data is summarized through the project organization and WBS to support management needs and client reporting requirements. The metric identifies the count of occurrences for incomplete CAs WP and PP where the sum of the current period and cumulative BCWS, BCWP, ACWP, BAC, or EAC in the cost system does not equal the current period and cumulative BCWS, BCWP, ACWP, BAC, or EAC in the IPMR F1.

7. Metric Short Description

EVMS cost tool <> IPMR F1 CA WBS BCWSi/c, BCWPi/c, ACWPi/c, DB, EAC   [a]

8. Metric

X = Number of CAs in the EVMS cost tool, where EVMS cost tool BCWSi, BCWPi, ACWPi, BCWSc, BCWPc, ACWPc, DB, or EACc <> IPMR F1 BCWSi, BCWPi, ACWPi, BCWSc, BCWPc, ACWPc, DB, or EACc.

Y = Number of CAs in the EVMS cost tool

9. Max. Threshold	10. Max. Tolerance	11. Weight	
0	1000	2.1	

12. Needed Artifacts and Data Elements

Y artifact(s)	X artifact(s)	FF data elements
FF03_{cost}	FF03_{cost} FF08_{IPMR_F1}	FF03_{cost}_[B]_CPP_status_date FF03_{cost}_[C]_period_date FF03_{cost}_[D]_WBS FF03_{cost}_[G]_WBS_type FF03_{cost}_[K]_inc_BCWS_dollars FF03_{cost}_[K]_BCWSc FF03_{cost}_[K]_DB FF03_{cost}_[L]_inc_BCWP_dollars FF03_{cost}_[L]_BCWPc FF03_{cost}_[M]_inc_ACWP_dollars FF03_{cost}_[M]_ACWPc FF03_{cost}_[N]_ETCc FF08_{IPMR_F1}_[C]_WBS FF08_{IPMR_F1}_[D]_inc_BCWS FF08_{IPMR_F1}_[E]_inc_BCWP FF08_{IPMR_F1}_[F]_inc_ACWP FF08_{IPMR_F1}_[G]_cum_BCWS FF08_{IPMR_F1}_[H]_cum_BCWP FF08_{IPMR_F1}_[I]_cum_ACWP FF08_{IPMR_F1}_[J]_BAC FF08_{IPMR_F1}_[K]_EAC

13. Assumptions

14. Instructions

Determine Y items based on the following.
Count FF03_{cost}_[D]_WBS per CA items and, if identified, with the following characteristics.
- FF03_{cost}_[G]_WBS_type = CA

Determine X items, a subset of Y, based on the following.
Identify FF08_{IPMR_F1}_[C]_WBS per CA and, if identified, with the following characteristics.
- FF03_{cost}_[B]_CPP_status_date = FF03_{cost}_[C]_period_date for incremental operation

Count flagged items based on the following operation(s).
- FF03_{cost}_[K]_inc_BCWS_dollars <> FF08_{IPMR_F1}_[D]_inc_BCWS
  OR
  FF03_{cost}_[L]_inc_BCWP_dollars <> FF08_{IPMR_F1}_[E]_inc_BCWP
  OR
  FF03_{cost}_[M]_inc_ACWP_dollars <> FF08_{IPMR_F1}_[F]_inc_ACWP
  OR
  FF03_{cost}_[K]_BCWSc <> FF08_{IPMR_F1}_[G]_cum_BCWS
  OR
  FF03_{cost}_[L]_BCWPc <> FF08_{IPMR_F1}_[H]_cum_BCWP
  OR
  FF03_{cost}_[M]_ACWPc <> FF08_{IPMR_F1}_[I]_cum_ACWP
  OR
  FF03_{cost}_[K]_DB <> FF08_{IPMR_F1}_[J]_BAC
  OR

Y

qualifier

WBS type

X

qualifier

other 1

qualifier

operation

FF03_{cost}_[M]_ACWPc + FF03_{cost}_[N]_ETCc <> FF08_{IPMR_F1}_[K]_EAC

Determine if X or X/Y exceeds the threshold.

15. Reference(s)

Page 41, Intent: "Since the WBS and the OBS exist as a formal and disciplined framework for project management and also provide a formal structure for the comprehensive roll-up of all data elements, they become the ideal framework for summarizing data from the control account level to the management reporting level. Summarizing performance information assists senior levels of management to focus on the significant problems that require their intervention."

Page 41, Typical Attribute(s): "Schedule and cost performance reports.
• Schedule variance, cost variance, and variance at completion from control account up through WBS/OBS reporting structure hierarchy to total program level.
• Management action plans. Corrective action plan/mitigation plan, task, milestones, exit criteria, and schedules."

16. Revision Block

rev. no.	description of change and sections affected	date prepared	prepared by	date approved	approved by
V04.00	Updated for release. See track changes.	2022-01-21	PM-30	2022-01-21	Melvin Frank
V03.00	Updated for release. See itemized revision list.	2020-02-10	PM-30	2020-02-10	Melvin Frank
V02.00	Updated for release. None.	2019-07-31	PM-30	2019-07-31	Melvin Frank
V01.01	Updated through 2019-03-13. Minor corrections.	2019-03-13	PM-30	2019-03-14	Melvin Frank
V01.00	Updated for release. All.	2019-01-31	PM-30	2019-01-31	Melvin Frank