Compare Results

Old File:		New File:
25.01.03 v03.pdf	versus	**F.03.03 - 25.01.03 v04.pdf**
2 pages (106 KB)		**2 pages (132 KB)**
1/22/2022 4:44:38 PM		1/23/2022 1:29:01 AM

Total Changes

33

Content

14 Replacements

12 Insertions

7 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.03.03** (25.01.03) (129)	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. This metric identifies the count of differences where the sum of the current period and cumulative CA WP and PP for BCWS, BCWP, ACWP, BAC, or EAC in the cost system does not equal the current period and cumulative CA BCWS, BCWP, ACWP, BAC, or EAC in the IPMR F2.

7. Metric Short Description

EVMS cost tool <> IPMR F2 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 F2 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
FF01_{WBS}	FF03_{cost}	FF01_{WBS}_[H]_OBS
FF03_{cost}	FF09_{IPMR_F2}	FF03_{cost}_[B]_CPP_status_date FF03_{cost}_[C]_period_date
		FF03_{cost}_[F]_OBS
		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
		FF09_{IPMR_F2}_[C]_OBS
		FF09_{IPMR_F2}_[D]_inc_BCWS
		FF09_{IPMR_F2}_[E]_inc_BCWP
		FF09_{IPMR_F2}_[F]_inc_ACWP
		FF09_{IPMR_F2}_[G]_cum_BCWS
		FF09_{IPMR_F2}_[H]_cum_BCWP
		FF09_{IPMR_F2}_[I]_cum_ACWP
		FF09_{IPMR_F2}_[J]_BAC
		FF09_{IPMR_F2}_[K]_EAC

13. Assumptions

14. Instructions

Determine Y items based on the following.
Count FF01_{WBS}_[H]_OBS in FF03_{cost} 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 FF09_{IPMR_F2}_[C]_OBS by 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 <> FF09_{IPMR_F2}_[D]_inc_BCWS
  OR
  FF03_{cost}_[L]_inc_BCWP_dollars <> FF09_{IPMR_F2}_[E]_inc_BCWP
  OR
  FF03_{cost}_[M]_inc_ACWP_dollars <> FF09_{IPMR_F2}_[F]_inc_ACWP
  OR
  FF03_{cost}_[K]_BCWSc <> FF09_{IPMR_F2}_[G]_cum_BCWS
  OR
  FF03_{cost}_[L]_BCWPc <> FF09_{IPMR_F2}_[H]_cum_BCWP
  OR
  FF03_{cost}_[M]_ACWPc <> FF09_{IPMR_F2}_[I]_cum_ACWP
  OR
  FF03_{cost}_[K]_DB <> FF09_{IPMR_F2}_[J]_BAC

Y

qualifier

WBS type

X

qualifier

other 1

operation

OR
FF03_{cost}_[M]_ACWPc + FF03_{cost}_[N]_ETCc <> FF09_{IPMR_F2}_[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. Re-ID'ed from 25.01.05 to 25.01.03.	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