

1/23/2022 11:35:30 AM

Compare Results

Old File:

12.02.02 v03.pdf

1 page (104 KB)

1/22/2022 4:34:25 PM

versus

New File:

C.09.02 - 12.02.02 v04.pdf

1 page (129 KB)

1/23/2022 1:14:21 AM

Total Changes

24

Content

11 Replacements
8 Insertions
5 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
C	C.09.02 (12.02.02) (96)	automated	monthly

5. Attribute

Identify and Control Level of Effort (LOE) Work Scope

6. Metric Intent

This metric confirms that co-mingling of LOE and discrete effort within a CA is minimized. This metric ensures that incomplete CAs having LOE BAC of between 15% and 80% do not have CPI for discrete effort ≥ 10 basis points different from the SPI for LOE effort.

7. Metric Short Description

CA SPI delta discrete and LOE ≥ 0.1

8. Metric

X = Number of incomplete CA WBSs in the EVMS cost tool, where
 1. EVT LOE CA DB is between 15% and 80% of total CA DB, and
 2. absolute difference between SPIc of EVT discrete and EVT LOE is ≥ 0.1 .

Y = Number of incomplete CA WBSs in the EVMS cost tool.

9. Max. Threshold	10. Max. Tolerance	11. Weight
0		1.3

12. Needed Artifacts and Data Elements

Y artifact(s)	X artifact(s)	FF data elements
FF03_{cost}	FF03_{cost}	FF03_{cost}_[D]_WBS FF03_{cost}_[G]_WBS_type FF03_{cost}_[J]_EV_method FF03_{cost}_[K]_BCWSc FF03_{cost}_[K]_DB FF03_{cost}_[L]_BCWPc

13. Assumptions

14. Instructions

Determine Y items based on the following.	Y
Count FF03_{cost}_[D]_WBS items and, if identified, with the following characteristics.	qualifier
• FF03_{cost}_[G]_WBS_type = CA	WBS type
• FF03_{cost}_[L]_BCWPc < FF03_{cost}_[K]_DB	incomplete
Determine X items, a subset of Y, based on the following.	X
Identify FF03_{cost}_[D]_WBS and, if identified, with the following characteristics.	qualifier
• FF03_{cost}_[K]_DB (where FF03_{cost}_[J]_EV_method = LOE) / FF03_{cost}_[K]_DB > 15%	other 1
• FF03_{cost}_[K]_DB (where FF03_{cost}_[J]_EV_method = LOE) / FF03_{cost}_[K]_DB < 80%	other 2
Count flagged items based on the following operation(s).	qualifier
• $\text{abs}(\text{FF03}_{\text{cost}}_{\text{[L]_BCWPc} / \text{FF03}_{\text{cost}}_{\text{[K]_BCWSc}} \text{ (where } \text{FF03}_{\text{cost}}_{\text{[J]_EV_method}} \text{ } \neq \text{ LOE)} - \text{FF03}_{\text{cost}}_{\text{[L]_BCWPc} / \text{FF03}_{\text{cost}}_{\text{[K]_BCWSc}} \text{ (where } \text{FF03}_{\text{cost}}_{\text{[J]_EV_method}} \text{ = LOE)})} \geq 0.10$	operation
Determine if X or X/Y exceeds the threshold.	

15. Reference(s)

Page 23, Typical Attribute(s): "Level of effort work packages contain tasks of a general or supportive nature that do not produce definite end products, must be separately evaluated from discrete work packages within the control account..."

Page 23, Typical Attributes: "If level of effort and discrete work packages are ever mixed within the same control account, the control account manager must ensure visibility into the earned value technique for measuring performance of the discrete effort portion."

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