

1/23/2022 3:09:12 PM

Compare Results

Old File:

03.01.04 v03.pdf

1 page (103 KB)

1/22/2022 3:24:32 PM

versus

New File:

A.04.04 - 03.01.04 v04.pdf

1 page (129 KB)

1/23/2022 12:35:17 AM

Total Changes

19

Content

10 Replacements
5 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
A	A.04.04 (03.01.04) (11)	automated	monthly

5. Attribute

Integrated System with Common Structures

6. Metric Intent

This metric confirms that the planning, scheduling, budgeting, work authorization and cost accumulation systems integrated with each other as appropriate, via common data elements and a common coding structure through the WBS and the OBS at the CA level (at a minimum) through the total project level. This metric with the integration of the cost system and work authorization ensures that cost system BL start and finish date information align to corresponding work authorization start and finish date information for all incomplete CAs.

7. Metric Short Description

start or finish dates, EVMS cost tool <> WAD

8. Metric

X = Number of incomplete CA WBSs in the EVMS cost tool, where EVMS cost tool start or finish dates <> WAD start or finish dates.

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

9. Max. Threshold	10. Max. Tolerance	11. Weight
5.0%		2.3

12. Needed Artifacts and Data Elements

Y artifact(s)

FF03_{cost}

X artifact(s)

FF13_{WAD}

FF03_{cost}

FF data elements

FF03_{cost}_{C}_period_date

FF03_{cost}_{D}_WBS

FF03_{cost}_{G}_WBS_type

FF03_{cost}_{K}_inc_BCWS_dollars

FF03_{cost}_{K}_DB

FF03_{cost}_{L}_BCWPc

FF13_{WAD}_{C}_WBS

FF13_{WAD}_{J}_POP_start_date [period]

FF13_{WAD}_{K}_POP_finish_date [period]

13. Assumptions

14. Instructions

Determine Y items based on the following.

Count FF03_{cost}_{D}_WBS items and, if identified, with the following characteristics.

- FF03_{cost}_{G}_WBS_type = CA
- FF03_{cost}_{L}_BCWPc < FF03_{cost}_{K}_DB

Determine X items, a subset of Y, based on the following.

Identify FF13_{WAD}_{C}_WBS and, if identified, with the following characteristics.

Count flagged items based on the following operation(s).

- FF03_{cost}_{C}_period_date where FF03_{cost}_{K}_inc_BCWS_dollars is earliest <> FF13_{WAD}_{J}_POP_start_date [period]

OR

FF03_{cost}_{C}_period_date where FF03_{cost}_{K}_inc_BCWS_dollars is latest <> FF13_{WAD}_{K}_POP_finish_date [period]

Determine if X or X/Y exceeds the threshold.

15. Reference(s)

Page 7, Typical Attribute(s): "Provide a logical framework that links the products of the management processes through common data elements."

Page 7, Intent: "Integrate the technical, schedule, and cost elements of the project through project plans that include schedules, budgets, authorization of work, and accumulation of costs, all consistent with the budget plan."

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