

1/23/2022 9:32:29 AM

Compare Results

Old File:

27.03.03 v03.pdf

1 page (105 KB)

1/22/2022 4:53:29 PM

versus

New File:

F.05.07 - 27.03.03 v04.pdf

1 page (129 KB)

1/23/2022 1:35:32 AM

Total Changes

23

Content

9 Replacements
7 Insertions
6 Deletions

Styling and Annotations

1 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.05.07 (27.03.03) (138)	automated/manual	quarterly

5. Attribute

Estimates at Completion (EAC)

6. Metric Intent

This metric confirms that CA estimates of costs at completion are accurate, detailed, and an unembellished depiction of the cost of the project. This metric identifies the count of occurrences for selected incomplete WP, PP, and SLPP where direct and indirect rates are not applied correctly to the time-phased ETC by EOC.

7. Metric Short Description

direct and indirect rates not correctly applied

8. Metric

X = Number of incomplete PP, SLPP, and WP WBSs by EOC (sample size) in the EVMS cost tool, where direct and indirect rates are not correctly applied to the time-phased ETC.

Y = Number of incomplete PP, SLPP, and WP WBSs by EOC (sample size) in the EVMS cost tool.

9. Max. Threshold	10. Max. Tolerance	11. Weight
0		2.6

12. Needed Artifacts and Data Elements

Y artifact(s)

FF03_{cost}

X artifact(s)

rate tables

FF data elements

- FF03_{cost}_{D}_WBS
- FF03_{cost}_{E}_EOC
- FF03_{cost}_{G}_WBS_type
- FF03_{cost}_{K}_DB
- FF03_{cost}_{L}_BCWPc

13. Assumptions

14. Instructions

Determine Y items based on the following.

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

- FF03_{cost}_{G}_WBS_type = WP or PP or SLPP
- FF03_{cost}_{L}_BCWPc < FF03_{cost}_{K}_DB

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

Manually count flagged items based on the following operation(s).

- WP, PP, and SLPP direct and indirect rates that are not applied correctly to the time-phased ETC by EOC (sampling). Identify differences between cost system rates against accounting rates.

Determine if X or X/Y exceeds the threshold.

15. Reference(s)

Page 43, Intent: "For the monthly estimates to complete (ETC), the control account manager should review the status of the expended effort and the achievability of the forecast and significant changes briefed to program management. This analysis should focus on performance to date within the control account, an assessment of the effort to complete the remaining work, and an evaluation of the type and quantity of resources required to complete the effort. Issues, risks and opportunities should also be considered in this analysis. When updates are made to existing forecasts of the schedule and cost to complete, significant changes are briefed to program management. Prudent maintenance of the control account-level estimates at completion ensures that the EAC reflects a valid projection of project costs."

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