1/23/2022 11:19:33 AM

Compare Results

Old File:

23.01.02 v03.pdf

2 pages (109 KB) 1/22/2022 4:42:35 PM versus

New File:

F.02.02 - 23.01.02 v04.pdf

2 pages (133 KB) 1/23/2022 1:24:57 AM

Total Changes

45

Content

17 Replacements

15 Insertions

12 Deletions

Styling and Annotations

1 Styling

O Annotations

Go to First Change (page 1)

DOE EVMS Metric Specification



1. Process Category 2. Metric ID (new, old) 3. Method 4. Frequency

F.02.02 (23.01.02) (125) automated/manual monthly

5. Attribute

Variances to Control Accounts (CA)

6. Metric Intent

This metric confirms that CA cost, schedule, an echnical variances are documented in accordance with internal thresholds and are addressed. This metric identifies the count of incomplete CAs with cost elements that breach reporting threshold levels that do not address minimum VAR content.

7. Metric Short Description

VAR inadequate

8. Metric

X = Number of incomplete CA WBSs in the EVMS cost tool that tripped thresholds, that do not address the minimum content as applicable factoring the VAR quality checklist SOP.

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

Thresholds consider schedule and cost, incremental and cumulative, at completion, and dollar and percentage.

9. Max. Threshold 10. Max. Tolerance 11. Weight 10.0%

12. Needed Artifacts and Data Elements

Y artifact(s) X artifact(s) FF data elements FF14 {CAM VAR} FF03 {cost} FF03 {cost} [D] WBS FF07_{IPMR_header} FF15 {VAR CA LOG} FF03_{cost}_[G]_WBS_type FF14_{CAM_VAR} FF03_{cost}_[K]_inc_BCWS_dollars FF15 {VAR CA LOG} 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 FF07_{IPMR_header}_[AK]_threshold_cum_dollar FF07_{IPMR_header}_[AL]_threshold_cum_pct FF07 {IPMR header} [AM] threshold inc dollar FF07_{IPMR_header}_[AN]_threshold_inc_pct FF14_{CAM_VAR}_[C]_WBS FF14_{CAM_VAR}_[D]_RC_CV FF14 {CAM VAR} [E] RC SV FF14_{CAM_VAR}_[J]_VAC_narrative FF15_{VAR_CA_LOG}_[E]_WBS FF15 {VAR CA LOG} [G] CR narrative

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</li>

•ୣ
Qabs(FF03 {cost} [L] inc BCWP_dollars - FF03_{cost}_[K]_inc_BCWS_dollars) >
  FF07_{IPMR_header}_[AM]_threshold_inc_dollar
  abs(FF03_{cost}_[L]_BCWPc - FF03_{cost}_[K]_BCWSc) > FF07_{IPMR_header}_[AK]_threshold_cum_dollar
  abs(FF03_{cost}_[L]_inc_BCWP_dollars / FF03_{cost}_[K]_inc_BCWS_dollars) >
  FF07_{IPMR_header}_[AN]_threshold_inc_pct
  abs(FF03 {cost} [L] BCWPc / FF03 {cost} [K] BCWSc) > FF07 {IPMR header} [AL] threshold cum pct)
  OR
  (abs(FF03_{cost}_[L]_inc_BCWP_dollars - FF03_{cost}_[M]_inc_ACWP_dollars) >
  FF07_{IPMR_header}_[AM]_threshold_inc_dollar
 ∵AND
  bs(FF03_{cost}_[L]_BCWPc - FF03_{cost}_[M]_ACWPc) > FF07_{IPMR_header}_[AK]_threshold_cum_dollar
  AND
  abs(FF03_{cost}_[L]_{inc}_{BCWP\_dollars} \ / \ FF03_{cost}_[M]_{inc}_{ACWP\_dollars}) > \\
  FF07_{IPMR_header}_[AN]_threshold_inc_pct
```

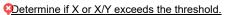
abs(FF03_{cost}_[L]_BCWPc / FF03_{cost}_[M]_ACWPc) > FF07_{IPMR_header}_[AL]_threshold_cum_pct)

- FF03_{cost}_[B]_CPP_status_date = FF03_{cost}_[C]_period_date for incremental operation
- FF14_{CAM_VAR}_[D]_RC_CV < listing>
- FF14 {CAM VAR} [E] RC SV sting>
- FF14_{CAM_VAR}_[J]_VAC_narrative < listing>
- FF15_{VAR_CA_LOG}_[G]_CR_narrative < listing>

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

Identify FF14_{CAM_VAR}_[C]_WBS,FF15_{VAR_CA_LOG}_[E]_WBS and, if identified, with the following characteristics. Manually count flagged items based on the following operation(s).

VARs considering the VAR quality checklist are questionable.



1 Reference(s)

Page 38, Management Value: "The ability to analyze deviations from the established plan permits management at all levels to rapidly and effectively implement corrective actions in an effort to regain project/contract objectives."

Page 38, Intent: "The purpose of this guideline is to ensure both significant schedule and cost variances are analyzed, at least monthly, at a level of detail required to manage the effort; i.e., to enable management decision-making and corrective action."

Page 38, Intent: "Only variances that have a significant impact on the execution of the project should be analyzed in detail. Project procedures defining thresholds are normally used to define the significant level applicable to that situation."

Page 38, Typical Attribute(s): "Variance causes and impacts are identified in sufficient detail needed for project management."

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

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