

1/23/2022 11:52:26 AM

Compare Results

Old File:

10.06.01 v03.pdf

2 pages (105 KB)

1/22/2022 4:32:45 PM

versus

New File:

C.08.02 - 10.06.01 v04.pdf

2 pages (131 KB)

1/23/2022 1:11:07 AM

Total Changes

32

Content

10 Replacements

8 Insertions

12 Deletions

Styling and Annotations

2 Styling

0 Annotations

[Go to First Change \(page 1\)](#)

DOE EVMS Metric Specification



| 1. Process Category | 2. Metric ID (new, old) | 3. Method | 4. Frequency |
|---------------------|-------------------------|-----------|--------------|
| C | C.08.02 (10.06.01) (91) | automated | monthly |

5. Attribute

Appropriate Assignment of Earned Value Techniques (EVT)

6. Metric Intent

This test confirms that the activity (where performance is taken) EVT is consistent with the manner in which the resource budgets (for all elements of cost) are planned to be performed and progress measured. This metric ensures the number of incomplete discrete activities with EVT of 0-100 does not have a duration that exceeds 22 work days.

7. Metric Short Description

0-100 > 22 work days

8. Metric

X = Number of incomplete EVT 0-100 activities in the BL IMS, where duration is > 22 work days.

Y = Number of incomplete EVT 0-100 activities in the BL IMS.

| 9. Max. Threshold | 10. Max. Tolerance | 11. Weight |
|-------------------|--------------------|------------|
| 0 | | 2.0 |

12. Needed Artifacts and Data Elements

| Y artifact(s) | X artifact(s) | FF data elements |
|-----------------|-----------------|--|
| FF04_{schedule} | FF04_{schedule} | FF04_{schedule}_[B]_CPP_status_date FF04_{schedule}_[C]_schedule_type FF04_{schedule}_[D]_task_ID FF04_{schedule}_[E]_task_type FF04_{schedule}_[K]_EV_method FF04_{schedule}_[L]_ES_date FF04_{schedule}_[M]_EF_date FF04_{schedule}_[T]_AS_date FF04_{schedule}_[U]_AF_date FF04_{schedule}_[W]_orig_duration |

13. Assumptions

14. Instructions

Determine Y items based on the following.

Count FF04_{schedule}_[D]_task_ID items and, if identified, with the following characteristics.

FF04_{schedule}_[C]_schedule_type = BL

- IF FF04_{schedule}_[D]_task_ID IS IN FF04_{schedule}_[C]_schedule_type = FC
FROM FF04_{schedule}_[C]_schedule_type = FC
IF FF04_{schedule}_[E]_task_type = M THEN FF04_{schedule}_[U]_AF_date = null AND FF04_{schedule}_[T]_AS_date = null
OR
IF FF04_{schedule}_[E]_task_type <> M THEN FF04_{schedule}_[U]_AF_date = null
IF FF04_{schedule}_[D]_task_ID IS NOT IN FF04_{schedule}_[C]_schedule_type = FC
FROM FF04_{schedule}_[C]_schedule_type = BL
IF FF04_{schedule}_[E]_task_type = M THEN FF04_{schedule}_[B]_CPP_status_date < FF04_{schedule}_[M]_EF_date OR
FF04_{schedule}_[B]_CPP_status_date < FF04_{schedule}_[L]_ES_date
OR
IF FF04_{schedule}_[E]_task_type <> M THEN FF04_{schedule}_[B]_CPP_status_date < FF04_{schedule}_[M]_EF_date
- FF04_{schedule}_[K]_EV_method = 0-100

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

Identify FF04_{schedule}_[D]_task_ID and, if identified, with the following characteristics.

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

- FF04_{schedule}_[W]_orig_duration > 22 working days

Determine if X or X/Y exceeds the threshold.

15. Reference(s)

Page 20, Management Value: "Budgets, established at the work package level identifying specific resource requirements in dollars, hours, or other measurable units, provide the detail for effective execution of the baseline plan. The resources are to be time-phased the way the detail work is to be accomplished. This approach provides meaningful product-related or management-oriented events for performance measurement."

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. Sections 12 and 13. | 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 |