

1/23/2022 12:00:43 PM

Compare Results

Old File:

10.01.01 v03.pdf

2 pages (107 KB)

1/22/2022 4:31:36 PM

versus

New File:

C.06.01 - 10.01.01 v04.pdf

2 pages (131 KB)

1/23/2022 1:08:51 AM

Total Changes

36

Content

12 Replacements

14 Insertions

10 Deletions

Styling and Annotations

0 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.06.01 (10.01.01) (85)	automated	monthly

5. Attribute

Work Package Planning, Distinguishability, and Duration

6. Metric Intent

This metric confirms that discrete WPs are relatively short in duration and they have objective interim measures or milestones, such as points of technical achievement to minimize the subjectivity of the in-process evaluation of performance assessment. This metric ensures that incomplete discrete WPs do not have a BL duration > 132 work days.

7. Metric Short Description

discrete WP > 132 work days

8. Metric

X = Number of incomplete discrete WP WBSs (excludes SVTs) in the BL IMS, with a duration (finish date - start date) > 132 work days.

Y = Number of incomplete discrete WP WBSs (excludes SVTs) in the BL IMS.

9. Max. Threshold	10. Max. Tolerance	11. Weight
5.0%		1.6

12. Needed Artifacts and Data Elements

Y artifact(s)

FF04_{schedule}
FF01_{WBS}

X artifact(s)

FF04_{schedule}

FF data elements

FF01_{WBS}_{G}_WBS_type
FF03_{cost}_{G}_WBS_type
FF04_{schedule}_{B}_CPP_status_date
FF04_{schedule}_{C}_schedule_type
FF04_{schedule}_{D}_task_ID
FF04_{schedule}_{E}_task_type
FF04_{schedule}_{G}_WBS
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

13. Assumptions

Schedule tool calendar is 5 day work week.

14. Instructions

Determine Y items based on the following.

Count FF04_{schedule}_{G}_WBS items and, if identified, with the following characteristics.

- FF01_{WBS}_{G}_WBS_type = WP
- FF04_{schedule}_{C}_schedule_type = BL
- FF04_{schedule}_{E}_task_type <> SVT
- 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 <> A or J or K or NA

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

Identify FF04_{schedule}_{G}_WBS and, if identified, with the following characteristics.

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

- FF04_{schedule}_{M}_EF_date (earliest) - FF04_{schedule}_{L}_ES_date (latest) > 132 work days

Determine if X or X/Y exceeds the threshold.

15. Reference(s)

Page 20, Intent: "When work packages are relatively short, little or no assessment of work-in-progress is required. As work package length increases, work-in-progress measurement becomes more subjective, unless objective techniques, such as discrete milestones with preassigned budget values or completion percentages, subdivide them. A key feature, from the standpoint of evaluating accomplishment, is

the desirability of having work packages that incorporate frequent, objective indicators of progress."

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