

1/23/2022 3:11:03 PM

Compare Results

Old File:

03.01.02 v03.pdf

2 pages (107 KB)

1/22/2022 3:24:01 PM

versus

New File:

A.04.02 - 03.01.02 v04.pdf

2 pages (132 KB)

1/23/2022 12:33:56 AM

Total Changes

35

Content

16 Replacements
10 Insertions
9 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
A	A.04.02 (03.01.02) (9)	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 WP and PP levels through the total project level. This metric with the integration of the schedule system and cost system ensures that project schedule start and finish date information align to corresponding cost system time-phased information for all incomplete work.

7. Metric Short Description

start or finish dates, BL IMS <> EVMS cost tool

8. Metric

X = Number of incomplete WP or PP WBSs in the BL IMS, where BL IMS start or finish dates <> EVMS cost tool start or finish dates.

Y = Number of incomplete WP or PP WBSs in the BL IMS.

9. Max. Threshold	10. Max. Tolerance	11. Weight
0		2.3

12. Needed Artifacts and Data Elements

Y artifact(s)

FF04_{schedule}
FF03_{cost}

X artifact(s)

FF04_{schedule}
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
FF04_{schedule}_{C}_schedule_type
FF04_{schedule}_{E}_task_type
FF04_{schedule}_{G}_WBS
FF04_{schedule}_{L}_ES_date [period]
FF04_{schedule}_{M}_EF_date [period]
FF04_{schedule}_{T}_AS_date
FF04_{schedule}_{U}_AF_date

13. Assumptions

14. Instructions

Determine Y items based on the following.

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

- FF03_{cost}_{G}_WBS_type = WP or PP
- FF04_{schedule}_{C}_schedule_type = BL
- FF04_{schedule}_{E}_task_type <> M or SVT or ZBA or SM
- 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

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

Identify FF04_{schedule}_{G}_WBS, FF03_{cost}_{D}_WBS and, if identified, with the following characteristics.

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

- FF04_{schedule}_{L}_ES_date [period] <> FF03_{cost}_{C}_period_date where first FF03_{cost}_{K}_inc_BCWS_dollars <> 0/null
OR
FF04_{schedule}_{M}_EF_date [period] <> FF03_{cost}_{C}_period_date where last FF03_{cost}_{K}_inc_BCWS_dollars <> 0/null

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. New metric, BL.	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