

1/23/2022 3:11:22 PM

# Compare Results

Old File:

**03.01.01 v03.pdf**

**2 pages (105 KB)**

1/22/2022 3:23:48 PM

versus

New File:

**A.04.01 - 03.01.01 v04.pdf**

**2 pages (131 KB)**

1/23/2022 12:33:36 AM

## Total Changes

**31**

## Content

**15** Replacements

**10** Insertions

**5** Deletions

## Styling and Annotations

**1** 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.04.01 (03.01.01) (8)	automated/manual verification	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 level through the total project level. This metric with the integration of the schedule and cost system ensures that the determination of performance measurement for in-progress work is consistent and reliable.

## 7. Metric Short Description

labor % complete, FC IMS <> EVMS cost tool

## 8. Metric

X = Number of incomplete WP WBSs in the FC IMS, where FC IMS labor % complete <> EVMS cost tool labor % complete.

Y = Number of incomplete WP WBSs in the FC IMS.

9. Max. Threshold	10. Max. Tolerance	11. Weight
5.0%	0.001	2.3

## 12. Needed Artifacts and Data Elements

### Y artifact(s)

FF04\_{schedule}  
FF03\_{cost}

### X artifact(s)

FF04\_{schedule}  
FF03\_{cost}  
data presented by CAM

### FF data elements

FF03\_{cost}\_{D}\_WBS  
FF03\_{cost}\_{G}\_WBS\_type  
FF03\_{cost}\_{O}\_DB  
FF03\_{cost}\_{P}\_BCWPc  
FF04\_{schedule}\_{C}\_schedule\_type  
FF04\_{schedule}\_{E}\_task\_type  
FF04\_{schedule}\_{G}\_WBS  
FF04\_{schedule}\_{T}\_AS\_date  
FF04\_{schedule}\_{U}\_AF\_date  
FF04\_{schedule}\_{AE}\_cum\_BCWP  
FF04\_{schedule}\_{AF}\_BAC

## 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
- 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

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}\_{AE}\_cum\_BCWP / FF04\_{schedule}\_{AF}\_BAC <> FF03\_{cost}\_{P}\_BCWPc / FF03\_{cost}\_{O}\_DB

Conduct the following manual operation(s).

- IMS % complete for non-labor EOCs <> EVMS cost tool % complete for non-labor by WBS.
- The CAM cannot demonstrate FC IMS % complete by WBS.

Determine if X or X/Y exceeds the threshold.

## 15. Reference(s)

Page 6, Typical Attribute(s): "Provide a logical framework that links the products of the management processes through common data element"

Page 6, Intent: "The work tasks are assigned to a WBS and OBS and are traceable to the planning and budgeting system and the cost collection system. Establishment of a unique coding structure facilitates the linkage between the planning, scheduling, budgeting, work authorization, cost accumulation, and performance measurement processes."

## 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