

# Compare Results

Old File:

**10.04.01 v03.pdf**

**2 pages (105 KB)**

1/22/2022 4:32:29 PM

versus

New File:

**C.08.01 - 10.04.01 v04.pdf**

**2 pages (131 KB)**

1/23/2022 1:10:25 AM

## Total Changes

**27**

## Content

**13** Replacements

**9** Insertions

**5** 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.08.01 (10.04.01) (90)	automated	monthly

## 5. Attribute

Appropriate Assignment of Earned Value Techniques (EVT)

## 6. Metric Intent

This metric confirms that a single EVT (discrete, LOE, or apportioned) is assigned to each incomplete WP.

## 7. Metric Short Description

WP with EVT LOE and non-LOE

## 8. Metric

X = Number of incomplete WPs in the BL IMS (only activities), with both discrete and EVT LOE activities.

Y = Number of incomplete WPs in the BL IMS (only activities).

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

## 12. Needed Artifacts and Data Elements

Y artifact(s)

FF04\_{schedule}

FF03\_{cost}

X artifact(s)

FF04\_{schedule}

FF data elements

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

## 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 = BL

FF04\_{schedule}\_{E}\_task\_type = A

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}\_{D}\_task\_ID and, if identified, with the following characteristics.

FF04\_{schedule}\_{C}\_schedule\_type = BL

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

(FF04\_{schedule}\_{K}\_EV\_method = LOE

AND

FF04\_{schedule}\_{K}\_EV\_method <> LOE)

OR

(FF04\_{schedule}\_{K}\_EV\_method = LOE

AND

FF04\_{schedule}\_{K}\_EV\_method = apportioned)

OR

(FF04\_{schedule}\_{K}\_EV\_method = discrete

AND

FF04\_{schedule}\_{K}\_EV\_method = apportioned)

Determine if X or X/Y exceeds the threshold.

## 15 Reference(s)

Page 21, Typical Attribute(s): "Have duration limited to a relatively short span of time, or are subdivided by discrete value milestones to facilitate the objective measurement techniques of work performed, or are LOE work packages integrated with detailed engineering, manufacturing, or other schedules."

## 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