

1/23/2022 3:31:35 AM

# Compare Results

Old File:

**21.02.02 v03.pdf**

**2 pages (106 KB)**

1/22/2022 4:40:24 PM

versus

New File:

**H.02.02 - 21.02.02 v04.pdf**

**2 pages (131 KB)**

1/23/2022 1:46:25 AM

## Total Changes

44

## Content

14 Replacements

16 Insertions

13 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
H	H.02.02 (21.02.02) (168)	automated	monthly

## 5. Attribute

Material Performance

## 6. Metric Intent

This metric confirms that HDV-CI material performance, BCWP, is recorded either upon receipt of material but no earlier, issue from inventory, or the consumption of the material. This metric identifies the count of occurrences where HDV-CI material has an erroneous LOE designation.

## 7. Metric Short Description

HDV-CI LOE

## 8. Metric

X = Number of incomplete WP WBSs (only EVT LOEs) in the BL IMS, that are HDV-CI.

Y = Number of incomplete WP WBSs (only EVT LOEs) in the BL IMS.

9. Max. Threshold	10. Max. Tolerance	11. Weight
0		1.5

## 12. Needed Artifacts and Data Elements

Y artifact(s)	X artifact(s)	FF data elements
FF04_{schedule}	FF04_{schedule}	FF03_{cost}_[G]_WBS_type
FF03_{cost}	FF03_{cost}	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}_[AC]_is_HDV

## 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.

- FF03\_{cost}\_[G]\_WBS\_type = WP
- 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 = LOE

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}\_[AC]\_is\_HDV = yes

Determine if X or X/Y exceeds the threshold.

## 15. Reference(s)

Page 35, Intent: "Material costs must be accurately charged to contract control accounts using recognized, acceptable costing techniques. The need for accurate comparison of material costs to material budgets and earned value requires that the appropriate point of performance measurement for material is established. The generally acceptable points for measuring material progress are:

- Point of receipt (acceptance),
- Point of stock (inventory), and
- Point of issue to work in process (consumption)"

## 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