

1/23/2022 12:54:10 PM

# Compare Results

Old File:

**06.04.02 v03.pdf**

**1 page (103 KB)**

1/22/2022 4:20:37 PM

versus

New File:

**B.04.02 - 06.04.02 v04.pdf**

**1 page (129 KB)**

1/23/2022 12:47:17 AM

## Total Changes

21

## Content

12 Replacements

5 Insertions

4 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
B	B.04.02 (06.04.02) (48)	automated/manual	monthly

## 5. Attribute

Vertical Integration

## 6. Metric Intent

This metric confirms that there is vertical schedule integration, (i.e., consistency of data between various levels of schedules including subcontractor and field level schedules) and that all levels of schedules align. This metric identifies incomplete activities with FC start and finish dates not consistent with the FC start and finish dates for the same activities in the master schedule and/or the project schedule.

## 7. Metric Short Description

FC IMS start or finish dates outside top level schedule

## 8. Metric

X = Number of incomplete activities (excludes summaries, SMs, SVTs, and ZBAs) in the FC IMS, with start and finish dates different from the higher level master project FC IMS start and finish dates.

Y = Number of incomplete activities (excludes summaries, SMs, SVTs, and ZBAs) in the FC IMS.

9. Max. Threshold	10. Max. Tolerance	11. Weight
0		1.9

## 12. Needed Artifacts and Data Elements

Y artifact(s)

FF04\_{schedule}

X artifact(s)

FF04\_{schedule}

master or customer FC schedule

FF data elements

FF04\_{schedule}\_{C}\_schedule\_type  
 FF04\_{schedule}\_{D}\_task\_ID  
 FF04\_{schedule}\_{E}\_task\_type  
 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}\_{D}\_task\_ID items and, if identified, with the following characteristics.

- FF04\_{schedule}\_{C}\_schedule\_type = FC
- FF04\_{schedule}\_{E}\_task\_type = A or M
- 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
- FF04\_{schedule}\_{L}\_ES\_date <listing>
- FF04\_{schedule}\_{M}\_EF\_date <listing>

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

Manually count flagged items based on the following operation(s).

- FF04\_{schedule}\_{L}\_ES\_date < master or customer FC schedule start date OR FF04\_{schedule}\_{M}\_EF\_date > master or customer FC schedule finish date

Determine if X or X/Y exceeds the threshold.

## 15. Reference(s)

Page 11, Intent: "While no specific scheduling software is required, there must be horizontal and vertical integration of the schedule through the framework of the WBS and OBS."

Page 12, Typical Attribute(s): "...The schedule links key detail work packages and planning packages (or lower-level tasks/activities) with summary activities and milestones."

## 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