

1/23/2022 12:59:05 PM

# Compare Results

Old File:

**06.03.10 v03.pdf**

**2 pages (107 KB)**

1/22/2022 3:32:35 PM

versus

New File:

**B.03.10 - 06.03.10 v04.pdf**

**2 pages (131 KB)**

1/23/2022 12:44:37 AM

## Total Changes

33

## Content

15 Replacements

9 Insertions

8 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 |
|---------------------|-------------------------|-------------------------------|--------------|
| B                   | B.03.10 (06.03.10) (40) | automated/manual verification | monthly      |

## 5. Attribute

Horizontal Integration

## 6. Metric Intent

This metric confirms the network schedule describes the sequence of work (horizontal integration) and clearly identify interdependencies that are indicative of the actual way the work is planned and accomplished at the level of detail to support project longest path development. This metric, with the integration of the schedule system, ensures that there is limited use and justification for lags > 22 work days on incomplete activities and milestones in the FC IMS.

## 7. Metric Short Description

FC IMS lags > 22 work day relationships

a F A

## 8. Metric

X = Number of relationships of incomplete activities in the FC IMS, with lags > 22 work days and inadequate justification.

Y = Number of relationships of incomplete activities in the FC IMS.

| 9. Max. Threshold | 10. Max. Tolerance | 11. Weight |
|-------------------|--------------------|------------|
| 0                 |                    | 2.1        |

## 12. Needed Artifacts and Data Elements

### Y artifact(s)

FF05\_{schedule\_logic}  
FF04\_{schedule}

### X artifact(s)

FF05\_{schedule\_logic}  
FF04\_{schedule}

### FF data elements

FF04\_{schedule}\_{C}\_schedule\_type  
FF04\_{schedule}\_{D}\_task\_ID  
FF04\_{schedule}\_{E}\_task\_type  
FF04\_{schedule}\_{T}\_AS\_date  
FF04\_{schedule}\_{U}\_AF\_date  
FF04\_{schedule}\_{AH}\_justification\_narrative  
FF05\_{schedule\_logic}\_{C}\_schedule\_type  
FF05\_{schedule\_logic}\_{D}\_task\_ID  
FF05\_{schedule\_logic}\_{F}\_rel\_type  
FF05\_{schedule\_logic}\_{G}\_lag\_days

## 13. Assumptions

## 14. Instructions

Determine Y items based on the following.

Y

Count FF05\_{schedule\_logic}\_{D}\_task\_ID, FF04\_{schedule}\_{D}\_task\_ID items and, if identified, with the following characteristics.

qualifier

- FF04\_{schedule}\_{C}\_schedule\_type = FC,  
FF05\_{schedule\_logic}\_{C}\_schedule\_type = FC

sch. type

- IF FF04\_{schedule}\_{E}\_task\_type = M THEN FF04\_{schedule}\_{U}\_AF\_date = null AND FF04\_{schedule}\_{T}\_AS\_date = null

incomplete

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.

X

Identify FF05\_{schedule\_logic}\_{D}\_task\_ID, FF04\_{schedule}\_{D}\_task\_ID and, if identified, with the following characteristics.

qualifier

- FF04\_{schedule}\_{C}\_schedule\_type = FC,  
FF05\_{schedule\_logic}\_{C}\_schedule\_type = FC
- FF04\_{schedule}\_{AH}\_justification\_narrative <listing>

sch. type

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

other 1

- FF05\_{schedule\_logic}\_{G}\_lag\_days > 22 work days

qualifier

Conduct the following manual operation(s).

operation

- FF04\_{schedule}\_{AH}\_justification\_narrative for lag relationship with predecessor is null or unsubstantiated.

manual

operation

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 describes the sequence of work and should consider the significant interdependencies that are indicative of the actual way the work is to be accomplished..."

Page 12, Typical Attribute(s): "Significant interdependences should be defined at a consistent level of detail to support development of a critical path..."

Page 12, Typical Attribute(s): "The schedule network relationships support the development of a critical path for development projects."

## 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 |