

1/23/2022 1:00:26 PM

# Compare Results

Old File:

**06.03.07 v03.pdf**

**2 pages (107 KB)**

1/22/2022 3:32:04 PM

versus

New File:

**B.03.07 - 06.03.07 v04.pdf**

**2 pages (132 KB)**

1/23/2022 12:43:55 AM

## Total Changes

**33**

## Content

**16** Replacements

**9** Insertions

**7** 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>B.03.07</b> (06.03.07) (37)	automated	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 of lead relationships on incomplete activities and milestones in the BL IMS.

## 7. Metric Short Description

BL IMS lead relationships

## 8. Metric

X = Number of relationships of incomplete activities in the BL IMS, with leads.

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

9. Max. Threshold	10. Max. Tolerance	11. Weight
1.0%		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}\_{B}\_CPP\_status\_date  
FF04\_{schedule}\_{C}\_schedule\_type  
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  
FF05\_{schedule\_logic}\_{C}\_schedule\_type  
FF05\_{schedule\_logic}\_{F}\_rel\_type  
FF05\_{schedule\_logic}\_{G}\_lag\_days

## 13. Assumptions

## 14. Instructions

Determine Y items based on the following.

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

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

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

Identify FF05\_{schedule\_logic}\_{F}\_rel\_type and, if identified, with the following characteristics.

- FF05\_{schedule\_logic}\_{C}\_schedule\_type = BL

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

- FF05\_{schedule\_logic}\_{G}\_lag\_days < 0

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 interdependencies 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