

1/23/2022 12:48:01 PM

Compare Results

Old File:

06.03.16 v03.pdf

1 page (104 KB)

1/22/2022 4:19:37 PM

versus

New File:

B.07.02 - 06.03.16 v04.pdf

1 page (129 KB)

1/23/2022 12:50:20 AM

Total Changes

23

Content

13 Replacements

5 Insertions

4 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.07.02 (06.03.16) (59)	manual	monthly

5. Attribute

Critical Path and Float

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 assesses the adequacy of the FC IMS network logic by simulating a schedule adjustment by changing the constraint date to the current status date. The simulation verifies that the prior longest path remains the longest path. Also, the simulation ensures that LOE is not driving discrete work scope with the repositioning of select LOE activities.

7. Metric Short Description

FC IMS pull test

8. Metric

X = FC IMS pull test result is not consistent with change.

N/A

9. Max. Threshold	10. Max. Tolerance	11. Weight
0		2.7

12. Needed Artifacts and Data Elements

X artifact(s)
xer FC

13. Assumptions

14. Instructions

Conduct the following manual operation(s).

- Pull Test #1
 1. Select the last discrete activity in the schedule that is constrained.
 2. Change the constraint date to the current status date.
 3. Reschedule the project.
 4. Verify the results.
 - a. No discrete activity should have 0 or positive float.
 - b. The prior longest path should be still the longest path.
- Pull Test #2
 1. Select a future LOE activity.
 2. Change the start date to the current status date.
 3. Reschedule the project.
 4. Verify results.
 - a. No other discrete activities should be associated with the repositioning of the LOE activity.

manual
operation

Determine if X or X/Y exceeds the threshold.

15. Reference(s)

Page 11, Intent: "The scheduling process establishes an integrated master schedule (IMS) that is the logical sequence of all authorized discrete work that leads through all key milestones, events, or decision points required to ensure completion of the project's objectives."

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... The schedule should be designed for effective integrated program management purposes and contain a critical path for the entire contractual period of performance."

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. None.	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