

1/23/2022 12:43:24 PM

Compare Results

Old File:

06.03.17 v03.pdf

2 pages (108 KB)

1/22/2022 4:19:46 PM

versus

New File:

B.07.03 - 06.03.17 v04.pdf

2 pages (132 KB)

1/23/2022 12:50:47 AM

Total Changes

29

Content

8 Replacements

10 Insertions

11 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.07.03 (06.03.17) (60)	automated/manual verification	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 identifies 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.

7. Metric Short Description

BL IMS on longest path

8. Metric

X = Number of incomplete activities (excludes EVT LOEs) in the BL IMS, on the longest path.

Y = Number of incomplete activities (excludes EVT LOEs) in the BL IMS.

9. Max. Threshold	10. Max. Tolerance	11. Weight
40.0%		2.7

12. Needed Artifacts and Data Elements

Y artifact(s)	X artifact(s)	FF data elements
FF04_{schedule}	FF04_{schedule}	FF04_{schedule}_{IB}_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}_{AB}_is_critical

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 = 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}_{AB}_is_critical = yes

Conduct the following manual operation(s).

- The longest path is not reasonably defined.

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. 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