

1/23/2022 1:03:16 PM

Compare Results

Old File:

06.03.01 v03.pdf

2 pages (108 KB)

1/22/2022 3:30:44 PM

versus

New File:

B.03.01 - 06.03.01 v04.pdf

2 pages (132 KB)

1/23/2022 12:42:03 AM

Total Changes

32

Content

15 Replacements

9 Insertions

8 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.03.01 (06.03.01) (31)	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 all incomplete activities and milestones are assigned at least one predecessor and at least one successor in the BL IMS.

7. Metric Short Description

BL IMS without relationships

8. Metric

X = Number of incomplete activities in the BL IMS, without predecessors or successors.

Y = Number of incomplete activities in the BL IMS.

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

12. Needed Artifacts and Data Elements

Y artifact(s)

FF04_{schedule}

X artifact(s)

FF05_{schedule_logic}

FF data elements

FF04_{schedule}_{B}_CPP_status_date
 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
 FF05_{schedule_logic}_{C}_schedule_type
 FF05_{schedule_logic}_{D}_task_ID
 FF05_{schedule_logic}_{D}_task_IDsuccessors
 FF05_{schedule_logic}_{E}_predecessor_ID

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

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

Identify FF05_{schedule_logic}_{D}_task_ID 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}_{E}_predecessor_ID = 0/null
 OR
 FF05_{schedule_logic}_{D}_task_IDsuccessors = 0/null

Conduct the following manual operation(s).

- Flagged activity is not project start and/or finish milestone.

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