

1/23/2022 12:55:54 PM

Compare Results

Old File:

06.07.03 v03.pdf

2 pages (105 KB)

1/22/2022 4:26:10 PM

versus

New File:

B.03.15 - 06.07.03 v04.pdf

2 pages (131 KB)

1/23/2022 12:46:05 AM

Total Changes

33

Content

14 Replacements

11 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.03.15 (06.07.03) (45)	automated	monthly

5. Attribute

Horizontal Integration

6. Metric Intent

This metric ensures that incomplete discrete activities with an immediate LOE predecessor(s) in the project BL IMS.

7. Metric Short Description

BL IMS discrete successor with LOE predecessor relationships

8. Metric

X = Number of relationships of incomplete discrete activities in the BL IMS, with immediate successors to LOE predecessors.

Y = Number of relationships of incomplete discrete 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)	X artifact(s)	FF data elements
FF05_{schedule_logic} FF04_{schedule}	FF05_{schedule_logic} FF04_{schedule}	FF04_{schedule}_{[B]}_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 FF05_{schedule_logic}_{[C]}_schedule_type FF05_{schedule_logic}_{[D]}_task_ID FF05_{schedule_logic}_{[E]}_predecessor_ID

13. Assumptions

14. Instructions

Determine Y items based on the following.

Count FF05_{schedule_logic}_{[D]}_task_ID, FF04_{schedule}_{[D]}_task_ID items and, if identified, with the following characteristics.

- FF05_{schedule_logic}_{[C]}_schedule_type = BL, FF04_{schedule}_{[C]}_schedule_type = BL sch. type
- IF FF04_{schedule}_{[D]}_task_ID IS IN FF04_{schedule}_{[C]}_schedule_type = FC incomplete
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 EVT
- FF04_{schedule}_{[K]}_EV_method <> A or J or K or NA EVT

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

Identify FF05_{schedule_logic}_{[E]}_predecessor_ID and, if identified, with the following characteristics.

- FF05_{schedule_logic}_{[C]}_schedule_type = BL sch. type
- Count flagged items based on the following operation(s). operation
- FF04_{schedule}_{[K]}_EV_method = LOE operation

Determine if X or X/Y exceeds the threshold.

15. Reference(s)

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. The schedule links key detail work packages and planning packages (or lower-level tasks/activities) with summary activities and milestones."

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