

1/23/2022 2:36:40 PM

Compare Results

Old File:

06.02.03 v03.pdf

2 pages (106 KB)

1/22/2022 3:29:12 PM

versus

New File:

B.02.03 - 06.02.03 v04.pdf

2 pages (132 KB)

1/23/2022 12:39:56 AM

Total Changes

38

Content

19 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.02.03 (06.02.03) (26)	automated	monthly

5. Attribute

Schedule Provides Current Status

6. Metric Intent

This metric confirms the current project schedule provides actual status including FC start and finish dates consistent with the month end status (data) date for all work. This metric ensures that the schedule system prevents activities from starting or completing before one or more of its predecessors are complete.

7. Metric Short Description

FC IMS out-of-sequence relationships

8. Metric

X = Number of incomplete activity relationships in the FC IMS with early start from last quarter, identified as stasued out-of-sequence.

Y = Number of incomplete activity relationships in the FC IMS with early start from last quarter.

9. Max. Threshold	10. Max. Tolerance	11. Weight
0		2.2

12. Needed Artifacts and Data Elements

Y artifact(s)

FF04_{schedule}
 CPP-3_FF04_{schedule}

X artifact(s)

FF05_{schedule_logic}
 FF04_{schedule}

FF data elements

FF04_{schedule}_{[C]}_schedule_type
 FF04_{schedule}_{[D]}_task_ID
 FF04_{schedule}_{[E]}_task_type
 FF04_{schedule}_{[L]}_ES_date
 FF04_{schedule}_{[T]}_AS_date
 FF04_{schedule}_{[B]}_CPP_status_date
 FF04_{schedule}_{[U]}_AF_date
 FF05_{schedule_logic}_{[C]}_schedule_type
 FF05_{schedule_logic}_{[D]}_task_ID
 FF05_{schedule_logic}_{[E]}_predecessor_ID
 FF05_{schedule_logic}_{[F]}_rel_type

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.

- FF04_{schedule}_{[C]}_schedule_type = FC,
 FF05_{schedule_logic}_{[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
- FF04_{schedule}_{[B]}_CPP_status_date for CPP-3 < FF04_{schedule}_{[L]}_ES_date <= FF04_{schedule}_{[B]}_CPP_status_date
 OR
 FF04_{schedule}_{[B]}_CPP_status_date for CPP-3 < FF04_{schedule}_{[T]}_AS_date <= FF04_{schedule}_{[B]}_CPP_status_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 = FC

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

- IF FF05_{schedule_logic}_{[F]}_rel_type = FS, (FF04_{schedule}_{[T]}_AS_date <> null AND FF04_{schedule}_{[U]}_AF_date of
 FF05_{schedule_logic}_{[E]}_predecessor_ID = null)
 OR
 IF FF05_{schedule_logic}_{[F]}_rel_type = SS, (FF04_{schedule}_{[T]}_AS_date <> null AND FF04_{schedule}_{[T]}_AS_date of
 FF05_{schedule_logic}_{[E]}_predecessor_ID = null)
 OR
 IF FF05_{schedule_logic}_{[F]}_rel_type = SS, (FF04_{schedule}_{[T]}_AS_date = null AND FF04_{schedule}_{[T]}_AS_date of
 FF05_{schedule_logic}_{[E]}_predecessor_ID <> null)
 OR
 IF FF05_{schedule_logic}_{[F]}_rel_type = SF, (FF04_{schedule}_{[U]}_AF_date <> null AND FF04_{schedule}_{[T]}_AS_date of
 FF05_{schedule_logic}_{[E]}_predecessor_ID = null)
 OR
 IF FF05_{schedule_logic}_{[F]}_rel_type = FF, (FF04_{schedule}_{[U]}_AF_date <> null AND FF04_{schedule}_{[U]}_AF_date of
 FF05_{schedule_logic}_{[E]}_predecessor_ID = null)
 OR
 IF FF05_{schedule_logic}_{[F]}_rel_type = FF, (FF04_{schedule}_{[U]}_AF_date = null AND FF04_{schedule}_{[U]}_AF_date of

FF05_{schedule_logic}_{E}_predecessor_ID <> null

Determine if X or X/Y exceeds the threshold.

1 Reference(s)

Page 11, Intent: "There is a clear definition of what constitutes commencement and completion of each work package and planning package (or lower-level task/activity)."

Page 12, Typical Attribute(s): "The schedule provides current status and forecasts of completion dates for all discrete authorized work."

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. Re-ID'ed from 06.02.02 to 06.02.03.	2020-02-10	PM-30	2020-02-10	Melvin Frank
V02.00	Updated for release. Section 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