

1/23/2022 12:56:31 PM

Compare Results

Old File:

06.03.14 v03.pdf

2 pages (107 KB)

1/22/2022 4:19:14 PM

versus

New File:

B.03.14 - 06.03.14 v04.pdf

2 pages (131 KB)

1/23/2022 12:45:43 AM

Total Changes

33

Content

15 Replacements

10 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.03.14 (06.03.14) (44) | 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 there is limited use and justification for soft constraints on incomplete activities and milestones in the FC IMS.

7. Metric Short Description

FC IMS soft constraints relationships

a F H

8. Metric

X = Number of incomplete activities in the FC IMS, with soft constraints and inadequate justification.

Y = Number of incomplete activities in the FC IMS.

| 9. Max. Threshold | 10. Max. Tolerance | 11. Weight |
|-------------------|--------------------|------------|
| 15.0% | | 2.1 |

12. Needed Artifacts and Data Elements

Y artifact(s)

FF04_{schedule}

X artifact(s)

FF04_{schedule}

FF data elements

FF04_{schedule}_{C}_schedule_type

FF04_{schedule}_{D}_task_ID

FF04_{schedule}_{E}_task_type

FF04_{schedule}_{Q}_SC_type

FF04_{schedule}_{S}_FC_type

FF04_{schedule}_{T}_AS_date

FF04_{schedule}_{U}_AF_date

FF04_{schedule}_{AH}_justification_narrative

13. Assumptions

14. Instructions

Determine Y items based on the following.

Y

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

qualifier

FF04_{schedule}_{C}_schedule_type = FC

sch. type

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

incomplete

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

X

Identify FF04_{schedule}_{D}_task_ID and, if identified, with the following characteristics.

qualifier

FF04_{schedule}_{C}_schedule_type = FC

sch. type

FF04_{schedule}_{AH}_justification_narrative <listing>

other 1

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

qualifier

FF04_{schedule}_{Q}_SC_type = CS_MSOA

operation

OR

FF04_{schedule}_{S}_FC_type = CS_ALAP or CS_MEOA

Conduct the following manual operation(s).

manual

FF04_{schedule}_{AH}_justification_narrative for soft constraint is null or unsubstantiated.

operation

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 |