

1/23/2022 12:15:30 PM

Compare Results

Old File:

06.07.09 v03.pdf

2 pages (106 KB)

1/22/2022 4:27:11 PM

versus

New File:

B.07.11 - 06.07.09 v04.pdf

2 pages (131 KB)

1/23/2022 12:53:11 AM

Total Changes

42

Content

16 Replacements

15 Insertions

10 Deletions

Styling and Annotations

1 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.07.11 (06.07.09) (68)	automated/manual verification	monthly

5. Attribute

Critical Path and Float

6. Metric Intent

This metric confirms that BL IMS total float values are reasonable. This metric is designated for any activity with a total float \geq 10% of the project's remaining duration.

7. Metric Short Description

BL IMS total float not reasonable

8. Metric

X = Number of incomplete discrete activities in the BL IMS, where total float \geq 10% of the number of work days from the CPP status date to the planned completion date.

Y = Number of incomplete discrete activities in the BL IMS

9. Max. Threshold	10. Max. Tolerance	11. Weight
10.0%		2.7

12. Needed Artifacts and Data Elements

Y artifact(s)	X artifact(s)	FF data elements
FF04_{schedule}	xer BL	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 FF04_{schedule}_[AA]_total_float FF04_{schedule}_[AH]_justification_narrative

13. Assumptions

251 work days in a FY (365 calendar days - weekends - 11 federal holidays)

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
- FF04_{schedule}_[E]_task_type = A or M
- 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 \neq 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 \neq M THEN FF04_{schedule}_[B]_CPP_status_date < FF04_{schedule}_[M]_EF_date
- FF04_{schedule}_[K]_EV_method \neq A or J or K or NA

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

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

- FF04_{schedule}_[C]_schedule_type = BL

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

- FF04_{schedule}_[AA]_total_float \leq (FF04_{schedule}_[B]_CPP_status_date - (earliest FF04_{schedule}_[M]_EF_date where FF04_{schedule}_[E]_task_type = SM)) * (number of work days per FY)/365 * 10%

Conduct the following manual operation(s).

- FF04_{schedule}_[AH]_justification_narrative for high float is null or unsubstantiated.

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 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. None.	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