

1/23/2022 12:10:02 PM

# Compare Results

Old File:

**06.08.05 v03.pdf**

**1 page (104 KB)**

1/22/2022 4:28:49 PM

versus

New File:

**B.08.03 - 06.08.05 v04.pdf**

**1 page (130 KB)**

1/23/2022 12:55:39 AM

## Total Changes

**32**

## Content

**12** Replacements  
**12** Insertions  
**7** 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.08.03 (06.08.05) (73)	automated/manual verification	monthly

## 5. Attribute

Schedule Margin (SM)

## 6. Metric Intent

This metric ensures the SM duration is commensurate with schedule risk and if the SM duration < 10% of the project's remaining duration.

## 7. Metric Short Description

FC IMS SM remaining duration low

## 8. Metric

X = Number of SM activities in the FC IMS, where remaining SM duration < 10% of remaining duration.

Also,

Verify SM remaining durations are commensurate with the schedule risk.

Y = Number of SM activities in the FC IMS

9. Max. Threshold	10. Max. Tolerance	11. Weight
0		1.0

## 12. Needed Artifacts and Data Elements

Y artifact(s)	X artifact(s)	FF data elements
FF04_{schedule}	FF04_{schedule} schedule risk documentation	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}_{[X]}_rem_duration

## 13. Assumptions

There may be more than one SM task type.  
SM is after the to-go work.

## 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 = FC
- FF04\_{schedule}\_{[E]}\_task\_type = SM

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

Identify FF04\_{schedule}\_{[D]}\_task\_ID and, if identified, with the following characteristics.

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

- FF04\_{schedule}\_{[X]}\_rem\_duration < 10% of (FF04\_{schedule}\_{[L]}\_ES\_date - FF04\_{schedule}\_{[B]}\_CPP\_status\_date)

Conduct the following manual operation(s).

- Verify SM remaining durations are commensurate with the schedule risk.

Determine if X or X/Y exceeds the threshold.

## 15. Reference(s)

See PASEG, Section 5.12, page 75: "Program teams should follow the following guidelines when using Schedule Margin:

- Schedule Margin should be represented in both the Baseline and Forecast schedules
- Schedule Margin tasks should be restricted to an appropriate number of occurrences based on managing risk to increase schedule accuracy
- Schedule Margin duration should be the Program Manager's assessment of the amount of remaining schedule risk/uncertainty to the subsequent event
- Schedule Margin duration should be justifiable and traceable to the program's risk management system
- Schedule Margin tasks should be clearly and consistently identifiable
- Schedule Margin should be placed as the last task/activity before key contractual events, significant logical integration/test milestones, end item deliverables, or contract completion"

## 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