

Compare Results

Old File:

07.01.01 v03.pdf

2 pages (105 KB)

1/22/2022 4:29:14 PM

versus

New File:

B.09.01 - 07.01.01 v04.pdf

2 pages (132 KB)

1/23/2022 12:56:08 AM

Total Changes

38

Content

18 Replacements

12 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.09.01 (07.01.01) (74)	automated/manual	monthly

5. Attribute

Progress Measures and Indicators

6. Metric Intent

This metric confirms that meaningful and objective completion criteria align with the technical performance goals used for measuring the progress of milestones, events, and other indicators. The identification of objective interim performance measures within CAs. The BL IMS should be directly traceable to technical performance goals and should include all the elements associated with the design, construction, and delivery of the product and IMP. This metric identifies incomplete critical key milestones/deliverables and control point dates (i.e., delivery dates) that are not represented in the BL IMS.

7. Metric Short Description

BL IMS missing key activities

8. Metric

X = Number of incomplete key milestones, deliverables, and control point dates in the contract work scope/federal directed scope documents/IMP, not in the BL IMS.

Y = Number of incomplete key milestones, deliverables, and control point dates in the contract work scope/federal directed scope documents/IMP.

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
FF04_{schedule}	scope documents (e.g., contract, PEP, PMP, conceptual design report,...)	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}_[M]_EF_date FF04_{schedule}_[T]_AS_date FF04_{schedule}_[U]_AF_date

13. Assumptions

List of schedule tasks are X values.

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 = 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 <> 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
- FF04_{schedule}_[M]_EF_date <listing>

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

Manually count flagged items based on the following operation(s).

- Determine if the contract work scope/federal directed scope documents/IMP milestones/deliverables are in the schedule and dates align.

Determine if X or X/Y exceeds the threshold.

15. Reference(s)

Page 13, Intent: "Identify objective interim performance measures within control accounts (or lower-level tasks/activities) to enable accurate performance assessment each month."

Page 13, Typical Attribute(s): "Interim milestones and lower-tier tasks serve as indicators of progress against which the control account manager monitors progress."

PASEG, page 28: "An IMS with an IMP-driven Architecture incorporates the IMP events, accomplishments, and criteria into its framework. Add detailed tasks to depict the steps required to satisfy criterion. An IMP-based IMS focuses attention on completing the tasks satisfying the entrance and exit criteria for the events and assessing progress towards completing those events..."

PASEG, page 30: "...Ensure that the IMS tasks are traceable to the IMP events that they support (i.e. tie tasks that supports CDR to CDR Criteria).

Ensure that each lowest level architectural element is supported by a least one IMS task and that each IMS task supports a lowest level architectural element..."

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 07.01.02 to 07.01.01.	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