Compare Results

Old File:		New File:
09.02.01 v03.pdf	versus	**C.04.01 - 09.02.01 v04.pdf**
2 pages (105 KB)		2 pages (130 KB)
1/22/2022 4:31:04 PM		1/23/2022 1:06:28 AM

Total Changes

33

Content

13 Replacements

11 Insertions

8 Deletions

Styling and Annotations

1 Styling

0 Annotations

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DOE EVMS Metric Specification

1. Process Category	2. Metric ID (new, old)	3. Method	4. Frequency
C	**C.04.01** (09.02.01) (82)	automated	monthly

5. Attribute

Work Authorization Prior to Performance

6. Metric Intent

This metric confirms that work scope, schedule, and budget are simultaneously authorized prior to the execution of the work scope and actual costs being incurred. This metric identifies the number of CAs where work started prior to the latest approved WAD and the count of differences between the WAD approval signature date and recorded ACWP for CAs.

7. Metric Short Description

CA started prior WAD approved

8. Metric

X = Number of CA WBSs in the WBS dictionary, where
1. Actual start in the FC IMS < WAD approval date,
2. Actual start in the FC IMS < POP start date,
3. Actual cost in the EVMS cost tool < WAD approval date, or
4. Actual cost in the EVMS cost tool < POP start date.

Y = Number of CAs in the WBS dictionary.

9. Max. Threshold	10. Max. Tolerance	11. Weight
0		1.2

12. Needed Artifacts and Data Elements

Y artifact(s)	X artifact(s)	FF data elements
FF01_{WBS}	FF13_{WAD} FF03_{cost} FF04_{schedule}	FF01_{WBS}_[C]_WBS FF01_{WBS}_[G]_WBS_type FF03_{cost}_[B]_CPP_status_date FF03_{cost}_[D]_WBS FF03_{cost}_[M]_inc_ACWP_dollars FF04_{schedule}_[C]_schedule_type FF04_{schedule}_[E]_task_type FF04_{schedule}_[G]_WBS FF04_{schedule}_[T]_AS_date FF13_{WAD}_[C]_WBS FF13_{WAD}_[F]_auth_date FF13_{WAD}_[J]_POP_start_date

13. Assumptions

Limited to CAs.

14. Instructions

Determine Y items based on the following.
Count FF01_WBS_[C]_WBS items and, if identified, with the following characteristics.
• FF01_{WBS}_[G]_WBS_type = CA

Determine X items, a subset of Y, based on the following.
Identify FF13_{WAD}_[C]_WBS,FF03_{cost}_[D]_WBS,FF04_{schedule}_[G]_WBS and, if identified, with the following characteristics.
• FF04_{schedule}_[C]_schedule_type = FC
• FF04_{schedule}_[E]_task_type <> SVT or ZBA or S
Count flagged items based on the following operation(s).
• FF04_{schedule}_[T]_AS_date < FF13_{WAD}_[F]_auth_date
OR
FF04_{schedule}_[T]_AS_date < FF13_{WAD}_[J]_POP_start_date
OR
FF03_{cost}_[B]_CPP_status_date where earliest FF03_{cost}_[M]_inc_ACWP_dollars <> 0/null < FF13_{WAD}_[F]_auth_date
OR
FF03_{cost}_[B]_CPP_status_date where earliest FF03_{cost}_[M]_inc_ACWP_dollars <> 0/null < FF13_{WAD}_[J]_POP_start_date] [period]

Determine if X or X/Y exceeds the threshold.

Y	qualifier
	WBS type
X	qualifier
	sch. type
	other 2 qualifier
	operation

15. Reference(s)

Page 18, Intent: "No work should begin before the effort is authorized by an initial work authorization. As budgets and schedules are established and approved for all the authorized work at the control account level, the work authorization is updated as required."

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