Compare Results

Old File:		New File:
10.06.02 v03.pdf	versus	**C.08.03 - 10.06.02 v04.pdf**
2 pages (107 KB)		**2 pages (131 KB)**
1/22/2022 4:32:53 PM		1/23/2022 1:12:43 AM

Total Changes

37

Content

13   Replacements

10   Insertions

12   Deletions

Styling and Annotations

2   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.08.03**	(10.06.02) (92)	automated/manual	initially & semi-annually to align with horizon planning increments

5. Attribute

Appropriate Assignment of Earned Value Techniques (EVT)

6. Metric Intent

This metric looks to determine whether the QBD EVT used to derive the time-phased BCWS is consistent with how the work scope will be performed.

7. Metric Short Description

schedule or cost time-phased resources <> QBD time-phased resources

8. Metric

X = Number of incomplete activities with original duration > 44 work days in the BL IMS, where the time-phased resources in the BL IMS as well as the EVMS cost tool do not align with the time-phased QBD.

Y = Number of incomplete activities with original duration > 44 work days in the BL IMS.

9. Max. Threshold	10. Max. Tolerance	11. Weight
5.0%		2.0

12. Needed Artifacts and Data Elements

Y artifact(s)	X artifact(s)	FF data elements
FF04_{schedule}	QBD FF04_{schedule} FF03_{cost} schedule and cost documents	FF04_{schedule}_[D]_task_ID FF04_{schedule}_[C]_schedule_type 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}_[T]_AS_date FF04_{schedule}_[U]_AF_date FF04_{schedule}_[L]_ES_date FF04_{schedule}_[M]_EF_date FF04_{schedule}_[W]_orig_duration

13. Assumptions

14. Instructions

<u>Determine Y items based on the following.</u>
Count FF04_{schedule}_[D]_task_ID items and, if identified, with the following characteristics.

- FF04_{schedule}_[C]_schedule_type = BL
- 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}_[K]_EV_method <> A or J or K or NA
- FF04_{schedule}_[W]_orig_duration > 44 working days

<u>Determine X items, a subset of Y, based on the following.</u>
Manually count flagged items based on the following operation(s).

- Time-phased resources in the BL IMS as well as the EVMS cost tool do not align with the time-phased QBD.

<u>Determine if X or X/Y exceeds the threshold.</u>

15. Reference(s)

Page 20, Management Value: "Budgets, established at the work package level identifying specific resource requirements in dollars, hours, or other measurable units, provide the detail for effective execution of the baseline plan. The resources are to be time-phased the way the detail work is to be accomplished. This approach provides meaningful product-related or management-oriented events for performance measurement."

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