Compare Results

Old File:		New File:
10.06.04 v03.pdf	versus	**C.08.05 - 10.06.04 v04.pdf**
2 pages (105 KB)		**2 pages (131 KB)**
1/22/2022 4:33:15 PM		1/23/2022 1:13:38 AM

Total Changes	Content		Styling and Annotations	
32	12	Replacements	2	Styling
	8	Insertions	0	Annotations
	10	Deletions		

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DOE EVMS Metric Specification

1. Process Category	2. Metric ID (new, old)		3. Method	4. Frequency
C	**C.08.05**	(10.06.04) (94)	automated	monthly

5. Attribute

Appropriate Assignment of Earned Value Techniques (EVT)

6. Metric Intent

This metric confirms that an activity (where performance is taken) EVT is consistent with the manner in which the resource budgets (all elements of cost) are planned to be performed and progress measured. This metric ensures the number of incomplete discrete activities with EVT of 50-50 does not have a duration that exceeds 44 work days.

7. Metric Short Description

50-50 > 44 work days

8. Metric

X = Number of incomplete EVT 50-50 activities in the BL IMS, where duration is > 44 work days.

Y = Number of incomplete EVT 50-50 activities in the BL IMS.

9. Max. Threshold	10. Max. Tolerance	11. Weight
0		2.0

12. Needed Artifacts and Data Elements

Y artifact(s)	X artifact(s)	FF data elements
FF04_{schedule}	FF04_{schedule}	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}_[W]_orig_duration

13. Assumptions

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

- 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 = 50-50

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}_[W]_orig_duration > 44 work days

Determine if X or X/Y exceeds the threshold.

Y
qualifier
sch. type
incomplete

EVT
X
qualifier
qualifier
operation

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

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