Compare Results

Old File:		New File:
08.01.02 v03.pdf	versus	**C.01.02 - 08.01.02 v04.pdf**
2 pages (105 KB)		2 pages (130 KB)
1/22/2022 4:29:31 PM		1/23/2022 1:04:39 AM

Total Changes

32

Content

10 Replacements

13 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.01.02**	(08.01.02) (78)	automated	monthly

5. Attribute
Scope, Schedule and Budget Alignment

6. Metric Intent
This metric confirms that scope, schedule, and budget align. The metric identifies the count of incomplete WPs/PPs where BAC labor hour values in the cost system do not match the BAC labor hour values in the schedule system.

7. Metric Short Description
DB labor units, EVMS cost tool <> BL IMS   a

8. Metric
X = Number of incomplete WP and PP WBSs (only EOC labor) in the EVMS cost tool, where DB units <> BL IMS labor DB units.

Y = Number of incomplete WP and PP WBSs (only EOC labor) in the EVMS cost tool.

9. Max. Threshold	10. Max. Tolerance	11. Weight
5.0%	1	2.2

12. Needed Artifacts and Data Elements

Y artifact(s)	X artifact(s)	FF data elements
FF03_{cost}	FF06_{schedule_resources} FF04_{schedule} FF03_{cost}	FF03_{cost}_[D]_WBS FF03_{cost}_[E]_EOC FF03_{cost}_[G]_WBS_type FF03_{cost}_[K]_DB FF03_{cost}_[L]_BCWPc FF03_{cost}_[O]_DB FF04_{schedule}_[C]_schedule_type FF04_{schedule}_[D]_task_ID FF04_{schedule}_[G]_WBS FF06_{schedule_resources}_[C]_schedule_type FF06_{schedule_resources}_[E]_task_ID FF06_{schedule_resources}_[H]_EOC FF06_{schedule_resources}_[I]_budget_units

13. Assumptions

14. Instructions

Determine Y items based on the following.
Count FF03_{cost}_[D]_WBS by FF03_{cost}_[E]_EOC items and, if identified, with the following characteristics.
- FF03_{cost}_[G]_WBS_type = WP or PP
- FF03_{cost}_[L]_BCWPc < FF03_{cost}_[K]_DB
- FF03_{cost}_[E]_EOC = labor

Determine X items, a subset of Y, based on the following.
Identify FF04_{schedule}_[G]_WBS by EOC,(FF06_{schedule_resources}_[E]_task_ID,FF04_{schedule}_[D]_task_ID) and, if identified, with the following characteristics.
- FF04_{schedule}_[C]_schedule_type = BL,
  FF06_{schedule_resources}_[C]_schedule_type = BL
- FF06_{schedule_resources}_[H]_EOC = labor
Count flagged items based on the following operation(s).
- FF03_{cost}_[O]_DB <> FF06_{schedule_resources}_[I]_budget_units

Determine if X or X/Y exceeds the threshold.

	Y
	qualifier
	WBS type
	incomplete
	EOC
	X
	qualifier
	sch. type
	other 1
	qualifier
	operation

15. Reference(s)

Page 16, Intent: "Since control account budgets and schedules also establish the constraints required for baseline control, care must be exercised in the establishment of control account budgets to ensure a viable scope/effort correlation and to prevent inadvertent front-loading of the budget baseline."

Page 17, Typical Attribute(s): "The PMB reflects the work scope, time-phased consistent with the integrated master schedule."

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 08.01.03 to 08.01.02.	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

rev. no.	description of change and sections affected	date prepared	prepared by	date approved	approved by