Compare Results

Old File:		New File:
03.02.01 v03.pdf	versus	**I.02.05 - 03.02.01 v04.pdf**
2 pages (106 KB)		2 pages (132 KB)
1/22/2022 3:25:48 PM		1/23/2022 1:48:10 AM

Total Changes

28

Content

13	Replacements
8	Insertions
7	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
I	I.02.05 (03.02.01) (175)	automated	monthly

5. Attribute

Subcontractor Integration and Analysis

6. Metric Intent

This metric confirms that the planning, scheduling, budgeting, work authorization, and cost accumulation systems are integrated with each other as appropriate and consider major subcontractor work scope with EVMS flow-down requirements, via common data elements and a common coding structure through the WBS and the OBS at the CA level (at a minimum) through the total project level. This metric with the integration of the subcontractor IPMR F1 and prime contractor cost system ensures that subcontractor BCWS, BCWP, ACWP, BAC, and EAC information are considered and reconcile to the prime contractor cost system for all subcontractor work scope.

7. Metric Short Description

subcontractor BCWPc, ACWPc, DB, and EAC, BL IMS <> EVMS cost tool

8. Metric

X = Number of incomplete subcontractor WBSs in the BL IMS, where BL IMS BCWSc, BCWPc, ACWPc, DB, and EAC <> EVMS cost tool BCWSc, BCWPc, ACWPc, DB, and EAC.

Y = Number of incomplete subcontractor WBSs in the BL IMS.

9. Max. Threshold	10. Max. Tolerance	11. Weight
5.0%	1000	2.2

12. Needed Artifacts and Data Elements

Y artifact(s)
FF16_{subKor_perf}
FF04_{schedule}

X artifact(s)
FF03_{cost}
FF16_{subKor_perf}

FF data elements
FF03_{cost}_[D]_WBS
FF03_{cost}_[K]_BCWSc
FF03_{cost}_[K]_DB
FF03_{cost}_[L]_BCWPc
FF03_{cost}_[M]_ACWPc
FF03_{cost}_[N]_ETCc
FF04_{schedule}_[C]_schedule_type
FF04_{schedule}_[D]_task_ID
FF04_{schedule}_[E]_task_type
FF04_{schedule}_[G]_WBS
FF04_{schedule}_[T]_AS_date
FF04_{schedule}_[U]_AF_date
FF16_{subKor_perf}_[E]_task_ID
FF16_{subKor_perf}_[F]_cum_BCWS
FF16_{subKor_perf}_[G]_cum_BCWP
FF16_{subKor_perf}_[H]_cum_ACWP
FF16_{subKor_perf}_[I]_BAC
FF16_{subKor_perf}_[J]_EAC

13. Assumptions

WBS WP or PP does not have more than 1 subcontractor.

14. Instructions

Determine Y items based on the following.

Count FF04_{schedule}_[G]_WBS,(FF16_{subKor_perf}_[E]_task_ID,FF04_{schedule}_[D]_task_ID) items and, if identified, with the following characteristics.

- FF04_{schedule}_[C]_schedule_type = BL
- 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
- FF16_{subKor_perf}_[E]_task_ID <> null

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

Identify FF03_{cost}_[D]_WBS and, if identified, with the following characteristics.

Count flagged items based on the following operation(s).

- FF16_{subKor_perf}_[F]_cum_BCWS <> FF03_{cost}_[K]_BCWSc
  OR
  FF16_{subKor_perf}_[G]_cum_BCWP <> FF03_{cost}_[L]_BCWPc
  OR
  FF16_{subKor_perf}_[H]_cum_ACWP <> FF03_{cost}_[M]_ACWPc
  OR
  FF16_{subKor_perf}_[I]_BAC <> FF03_{cost}_[K]_DB
  OR
  FF16_{subKor_perf}_[J]_EAC <> FF03_{cost}_[M]_ACWPc + FF03_{cost}_[N]_ETCc

Y
qualifier

sch. type
incomplete

other 1

X
qualifier
qualifier
operation

Determine if X or X/Y exceeds the threshold.

15. Reference(s)

Page 7, Intent: "Integrate the technical, schedule, and cost elements of the project through project plans that include schedules, budgets, authorization of work, and accumulation of costs, all consistent with the budget plan."

Page 7 Typical Attribute(s): "Provide a logical framework that links the products of the management processes through common data elements. Examples include cross-references between the statement of work and WBS, the master schedule and performance measurement tasks, and the detail schedules and control account plans."

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

15. Reference(s)