

1/23/2022 2:54:00 AM

Compare Results

Old File:

03.02.03 v03.pdf

1 page (104 KB)

1/22/2022 3:26:31 PM

versus

New File:

I.02.07 - 03.02.03 v04.pdf

2 pages (130 KB)

1/23/2022 1:48:45 AM

Total Changes

31

Content

10 Replacements

13 Insertions

8 Deletions

Styling and Annotations

0 Styling

0 Annotations

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DOE EVMS Metric Specification



1. Process Category	2. Metric ID (new, old)	3. Method	4. Frequency
I	I.02.07 (03.02.03) (177)	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, 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 schedule and prime contractor schedule system (at the activity level) ensures that subcontractor FC start and finish date information align to corresponding prime contractor schedule system FC start and finish date information for all incomplete subcontractor work scope.

7. Metric Short Description

start or finish dates, subcontractor schedule <> FC IMS

8. Metric

X = Number of incomplete subcontractor activities in the subcontractor's schedule, where subcontractor schedule start or finish dates <> FC IMS start or finish dates.

Y = Number of incomplete subcontractor WBSs in the subcontractor's schedule.

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

12. Needed Artifacts and Data Elements

Y artifact(s)	X artifact(s)	FF data elements
FF16_{subKor_perf}	FF04_{schedule} FF16_{subKor_perf}	FF04_{schedule}_{[C]}_schedule_type FF04_{schedule}_{[D]}_task_ID FF04_{schedule}_{[L]}_ES_date FF04_{schedule}_{[M]}_EF_date FF16_{subKor_perf}_{[E]}_task_ID FF16_{subKor_perf}_{[M]}_FC_start_date FF16_{subKor_perf}_{[N]}_FC_finish_date FF16_{subKor_perf}_{[P]}_actual_finish_date

13. Assumptions

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

14. Instructions

Determine Y items based on the following.	Y
Count FF16_{subKor_perf}_{[E]}_task_ID items and, if identified, with the following characteristics.	qualifier
FF16_{subKor_perf}_{[P]}_actual_finish_date = null	incomplete
Determine X items, a subset of Y, based on the following.	X
Identify FF04_{schedule}_{[D]}_task_ID and, if identified, with the following characteristics.	qualifier
FF04_{schedule}_{[C]}_schedule_type = FC	sch. type
Count flagged items based on the following operation(s).	qualifier
FF16_{subKor_perf}_{[M]}_FC_start_date <> FF04_{schedule}_{[L]}_ES_date	operation
OR	
FF16_{subKor_perf}_{[N]}_FC_finish_date <> FF04_{schedule}_{[M]}_EF_date	
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. 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 