Compare Results

Old File:		New File:
06.03.18 v03.pdf	versus	**B.07.04 - 06.03.18 v04.pdf**
2 pages (106 KB)		2 pages (130 KB)
1/22/2022 4:19:56 PM		1/23/2022 12:51:08 AM

Total Changes	Content		Styling and Annotations	
29	8	Replacements	1	Styling
	9	Insertions	0	Annotations
	11	Deletions		

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DOE EVMS Metric Specification

1. Process Category	2. Metric ID (new, old)		3. Method	4. Frequency
B	**B.07.04**	(06.03.18) (61)	automated/manual verification	monthly

5. Attribute

Critical Path and Float

6. Metric Intent

This metric confirms the network schedule describes the sequence of work (horizontal integration) and clearly identify interdependencies that are indicative of the actual way the work is planned and accomplished at the level of detail to support project longest path development.

7. Metric Short Description

FC IMS on longest path

a   F   A

8. Metric

X = Number of incomplete activities (excludes EVT LOEs) in the FC IMS, on the longest path.

Y = Number of incomplete activities (excludes EVT LOEs) in the FC IMS.

9. Max. Threshold	10. Max. Tolerance	11. Weight
40.0%		2.7

12. Needed Artifacts and Data Elements

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

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 = 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
- FF04_{schedule}_[K]_EV_method <> LOE

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}_[AB]_is_critical = yes

Conduct the following manual operation(s).

- The longest path is not reasonably defined.

Determine if X or X/Y exceeds the threshold.

Y

qualifier

sch. type

incomplete

EVT

X

qualifier

qualifier

operation

manual

operation

15. Reference(s)

Page 11, Intent: "The scheduling process establishes an integrated master schedule (IMS) that is the logical sequence of all authorized discrete work that leads through all key milestones, events, or decision points required to ensure completion of the project's objectives."

Page 12, Typical Attribute(s): "The schedule describes the sequence of work and should consider the significant interdependencies that are indicative of the actual way the work is to be accomplished..."

Page 12, Typical Attribute(s): "Significant interdependences should be defined at a consistent level of detail to support development of a critical path... The schedule should be designed for effective integrated program management purposes and contain a critical path for the entire contractual period of performance."

Page 12, Typical Attribute(s): "The schedule network relationships support the development of a critical path for development projects."

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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