Compare Results

Old File:		New File:
06.07.01 v03.pdf	versus	**B.07.05 - 06.07.01 v04.pdf**
2 pages (105 KB)		2 pages (130 KB)
1/22/2022 4:22:39 PM		1/23/2022 12:51:24 AM

Total Changes	Content		Styling and Annotations	
28	11	Replacements	0	Styling
	11	Insertions	0	Annotations
	6	Deletions		

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DOE EVMS Metric Specification

1. Process Category	2. Metric ID (new, old)		3. Method	4. Frequency
B	**B.07.05**	(06.07.01) (62)	automated	monthly

5. Attribute
Critical Path and Float

6. Metric Intent
This metric ensures that LOE work is not on the longest path through the BL IMS.

7. Metric Short Description
BL IMS, LOE on longest path

a   B   A

8. Metric

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

Y = Number of incomplete activities (only EVT LOEs) in the BL IMS.

9. Max. Threshold	10. Max. Tolerance	11. Weight
0		2.7

12. Needed Artifacts and Data Elements

Y artifact(s)	X artifact(s)	FF data elements
FF04_{schedule}	FF04_{schedule} xer BL	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}_[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 = 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 = 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

Determine if X or X/Y exceeds the threshold.

Y

qualifier

sch. type

incomplete

EVT

X

qualifier

qualifier

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 critical path is comprised of the longest sequence of tasks driving project completion."

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

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