Compare Results

Old File:		New File:
06.07.02 v03.pdf	versus	**B.07.06 - 06.07.02 v04.pdf**
1 page (103 KB)		1 page (129 KB)
1/22/2022 4:23:21 PM		1/23/2022 12:51:37 AM

Total Changes

25

Content

9 Replacements

9 Insertions

7 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
B	**B.07.06**	(06.07.02) (63)	automated/manual verification	monthly

5. Attribute
Critical Path and Float

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

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

a   F   A

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

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

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

12. Needed Artifacts and Data Elements

Y artifact(s)
FF04_{schedule}

X artifact(s)
FF04_{schedule} ❌
xer FC

FF data elements
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

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