Compare Results

Old File:		New File:
06.07.07 v03.pdf	versus	**B.07.09 - 06.07.07 v04.pdf**
2 pages (104 KB)		1 page (128 KB)
1/22/2022 5:44:55 PM		1/23/2022 12:52:34 AM

Total Changes	**Content**		**Styling and Annotations**	
30	12	Replacements	0	Styling
	10	Insertions	0	Annotations
	8	Deletions		

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DOE EVMS Metric Specification

1. Process Category	2. Metric ID (new, old)	3. Method	4. Frequency
B	**B.07.09** (06.07.07) (66)	automated/manual	initially & semi-annually to align with horizon planning increments

5. Attribute
Critical Path and Float

6. Metric Intent
This metric determines whether the BL longest path follows a logical sequence of work i.e., design, construction, test, commission, etc. The longest path is the longest distance between the start and the finish dates of the project.

7. Metric Short Description
BL IMS longest path not reasonable

8. Metric

X = Number of activities on the longest path in the BL IMS, where the longest path activity does not follow a logical sequence of work i.e., design, construction, test, commission, etc.

Y = Number of activities on the longest path 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}	xer BL	FF04_{schedule}_[C]_schedule_type
		FF04_{schedule}_[D]_task_ID
		FF04_{schedule}_[AB]_is_critical

13. Assumptions
FF04_{schedule}_[AB]_is_critical is the longest, continuous (critical) path.
Changes in float >20 work days indicate work moved forward or backward.

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
- FF04_{schedule}_[AB]_is_critical = yes

Determine X items, a subset of Y, based on the following.
Manually count flagged items based on the following operation(s).
- The longest path activity does not follow a logical sequence of work i.e., design, construction, test, commission, etc.

Determine if X or X/Y exceeds the threshold.

Y
qualifier
sch. type
other 2

X
qualifier
operation

15. Reference(s)
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. Re-ID'ed from 06.07.08 to 06.07.07.	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