Compare Results

Old File:		New File:
06.03.04 v03.pdf	versus	**B.03.04 - 06.03.04 v04.pdf**
2 pages (106 KB)		2 pages (130 KB)
1/22/2022 3:31:29 PM		1/23/2022 12:43:02 AM

Total Changes

30

Content

15 Replacements

8 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.03.04**	(06.03.04) (34)	automated	monthly

5. Attribute

Horizontal Integration

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. This metric, with the integration of the schedule system, ensures that there are no SF relationships on incomplete activities in the FC IMS.

7. Metric Short Description

FC IMS SF relationships

<div style="text-align:right">a   F   A</div>

8. Metric

X = Number of relationships of incomplete activities in the FC IMS, that are SF relationship.

Y = Number of relationships of incomplete activities in the FC IMS.

9. Max. Threshold	10. Max. Tolerance	11. Weight
0		2.1

12. Needed Artifacts and Data Elements

Y artifact(s)	X artifact(s)	FF data elements
FF05_{schedule_logic}	FF05_{schedule_logic}	FF04_{schedule}_[C]_schedule_type
FF04_{schedule}	FF04_{schedule}	FF04_{schedule}_[D]_task_ID
		FF04_{schedule}_[E]_task_type
		FF04_{schedule}_[T]_AS_date
		FF04_{schedule}_[U]_AF_date
		FF05_{schedule_logic}_[C]_schedule_type
		FF05_{schedule_logic}_[D]_task_ID
		FF05_{schedule_logic}_[F]_rel_type

13. Assumptions

14. Instructions

Determine Y items based on the following.

Count FF05_{schedule_logic}_[D]_task_ID,FF04_{schedule}_[D]_task_ID items and, if identified, with the following characteristics.

- FF04_{schedule}_[C]_schedule_type = FC,
  FF05_{schedule_logic}_[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

Determine X items, a subset of Y, based on the following.

Identify FF05_{schedule_logic}_[D]_task_ID and, if identified, with the following characteristics.

- FF05_{schedule_logic}_[C]_schedule_type = FC

Count flagged items based on the following operation(s).

- FF05_{schedule_logic}_[F]_rel_type = SF

Determine if X or X/Y exceeds the threshold.

Y	
qualifier	
sch. type	
incomplete	
X	
qualifier	
sch. type	
qualifier	
operation	

15. Reference(s)

Page 11, Intent: "While no specific scheduling software is required, there must be horizontal and vertical integration of the schedule through the framework of the WBS and OBS."

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..."

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. Re-ID'ed from 06.03.05 to 06.03.04.	2020-02-10	PM-30	2020-02-10	Melvin Frank
V02.00	Updated for release. Sections 10, 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