Compare Results

Old File:		New File:
06.03.11 v03.pdf	versus	**B.03.11 - 06.03.11 v04.pdf**
2 pages (108 KB)		2 pages (132 KB)
1/22/2022 3:32:56 PM		1/23/2022 12:44:50 AM

Total Changes

39

Content

15 Replacements

12 Insertions

12 Deletions

Styling and Annotations

0 Styling

0 Annotations

Go to First Change (page 1)

DOE EVMS Metric Specification

1. Process Category	2. Metric ID (new, old)		3. Method	4. Frequency
B	**B.03.11**	(06.03.11) (41)	automated/manual verification	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 is limited use and justification for hard constraints on incomplete activities and milestones in the BL IMS.

7. Metric Short Description

BL IMS with hard constraints

| | a | B | H |

8. Metric

X = Number of incomplete activities in the BL IMS, with hard constraints and inadequate justification.

Y = Number of incomplete activities in the BL 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
FF04_{schedule}	FF04_{schedule}	FF04_{schedule}_[B]_CPP_status_date
		FF04_{schedule}_[C]_schedule_type
		FF04_{schedule}_[D]_task_ID
		FF04_{schedule}_[E]_task_type
		FF04_{schedule}_[L]_ES_date
		FF04_{schedule}_[M]_EF_date
		FF04_{schedule}_[Q]_SC_type
		FF04_{schedule}_[S]_FC_type
		FF04_{schedule}_[T]_AS_date
		FF04_{schedule}_[U]_AF_date
		FF04_{schedule}_[AH]_justification_narrative

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

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

Identify FF04_{schedule}_[D]_task_ID and, if identified, with the following characteristics.

- FF04_{schedule}_[C]_schedule_type = BL
- FF04_{schedule}_[AH]_justification_narrative <listing>

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

- FF04_{schedule}_[Q]_SC_type = CS_MANDSTART or CS_MSO or CS_MSOB
  OR
  FF04_{schedule}_[S]_FC_type = CS_MANDFIN or CS_MEO or CS_MEOB

Conduct the following manual operation(s).

- FF04_{schedule}_[AH]_justification_narrative for hard constraint is null or unsubstantiated.

Determine if X or X/Y exceeds the threshold.

Y
qualifier
sch. type
incomplete

X
qualifier
sch. type
other 1
qualifier
operation
manual
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 06.03.12 to 06.03.11.	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