Compare Results

Old File:		New File:
06.07.11 v03.pdf	versus	**B.07.13 - 06.07.11 v04.pdf**
2 pages (105 KB)		**2 pages (130 KB)**
1/22/2022 4:27:50 PM		1/23/2022 12:54:41 AM

Total Changes

27

Content

14   Replacements

8   Insertions

4   Deletions

Styling and Annotations

1   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.07.13** (06.07.11) (70)		automated	monthly

5. Attribute
Critical Path and Float

6. Metric Intent
This metric confirms the total float values for all project schedule activities.

7. Metric Short Description
BL IMS with negative total float

a   B

8. Metric
X = Number of incomplete activities in the BL IMS, with negative total float.

Y = Number of incomplete activities 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}	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}_[T]_AS_date
		FF04_{schedule}_[U]_AF_date
		FF04_{schedule}_[AA]_total_float

13. Assumptions
This is a BL only metric.

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.
Count flagged items based on the following operation(s).
- FF04_{schedule}_[AA]_total_float < 0

Determine if X or X/Y exceeds the threshold.

<div style="float:right; font-size:smaller">
Y
qualifier
sch. type
incomplete

X
qualifier
qualifier
operation
</div>

15. Reference(s)
Page 12, Typical Attribute(s): "Significant interdependences should be defined at a consistent level of detail to support development of a critical path. The minimum level linkage is at the work package and planning package level. The schedule should be designed for effective integrated program management purposes and contain a critical path for the entire contractual period of performance."

Page 12, Typical Attribute(s): "...The schedule links key detail work packages and planning packages (or lower-level tasks/activities) with summary activities and milestones."

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