

1/23/2022 12:54:45 PM

Compare Results

Old File:

06.04.01 v03.pdf

2 pages (105 KB)

1/22/2022 4:20:11 PM

versus

New File:

B.04.01 - 06.04.01 v04.pdf

2 pages (131 KB)

1/23/2022 12:47:00 AM

Total Changes

32

Content

14 Replacements

10 Insertions

7 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.04.01 (06.04.01) (47)	automated/manual	monthly

5. Attribute

Vertical Integration

6. Metric Intent

This metric confirms that there is vertical schedule integration, (i.e., consistency of data between various levels of schedules including subcontractor and field level schedules) and that all levels of schedules align. This metric identifies incomplete activities with BL start and finish dates not consistent with the BL start and finish dates for the same activities in the master schedule and/or the project schedule.

7. Metric Short Description

BL IMS start or finish dates outside top level schedule

8. Metric

X = Number of incomplete activities in the BL IMS, with start or finish dates outside the higher level project BL start or finish dates depicted at the top level schedule (master).

Y = Number of incomplete activities in the BL IMS.

9. Max. Threshold	10. Max. Tolerance	11. Weight
0		1.9

12. Needed Artifacts and Data Elements

Y artifact(s)

FF04_{schedule}

X artifact(s)

FF04_{schedule}

master or customer BL schedule

FF data elements

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

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

FF04_{schedule}_{E}_task_type = A or M

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

FF04_{schedule}_{L}_ES_date <listing>

FF04_{schedule}_{M}_EF_date <listing>

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

Manually count flagged items based on the following operation(s).

FF04_{schedule}_{L}_ES_date < master or customer BL schedule start date

OR

FF04_{schedule}_{M}_EF_date > master or customer BL schedule finish date

Determine if X or X/Y exceeds the threshold.

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 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