

1/23/2022 12:53:07 PM

Compare Results

Old File:

06.05.01 v03.pdf

2 pages (105 KB)

1/22/2022 4:21:08 PM

versus

New File:

B.05.01 - 06.05.01 v04.pdf

2 pages (131 KB)

1/23/2022 12:47:45 AM

Total Changes

34

Content

11 Replacements

13 Insertions

9 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.05.01 (06.05.01) (50)	automated	monthly

5. Attribute

Integrated Master Schedule (IMS) Resources

6. Metric Intent

This metric confirms the network schedule assigns resources to all activities in the BL IMS excluding SVT activities, SM activities, ZBA activities, SM activities, and milestones. This metric ensures resources are available to support the BL schedule.00

7. Metric Short Description

BL IMS without resources

8. Metric

X = Number of incomplete activities (excludes milestones, SMs, SVTs, and ZBAs) in the BL IMS, without resources.

Y = Number of incomplete activities (excludes milestones, SMs, SVTs, and ZBAs) in the BL IMS.

9. Max. Threshold	10. Max. Tolerance	11. Weight
0		1.7

12. Needed Artifacts and Data Elements

Y artifact(s)

FF04_{schedule}

X artifact(s)

FF06_{schedule_resources}

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

FF04_{schedule}_{AF}_BAC

FF06_{schedule_resources}_{C}_schedule_type

FF06_{schedule_resources}_{E}_task_ID

FF06_{schedule_resources}_{I}_budget_units

FF06_{schedule_resources}_{J}_budget_dollars

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 <> SVT or SM or ZBA 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

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

Identify FF06_{schedule_resources}_{E}_task_ID and, if identified, with the following characteristics.

- FF06_{schedule_resources}_{C}_schedule_type = BL

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

- FF06_{schedule_resources}_{I}_budget_units = 0/null
OR
FF06_{schedule_resources}_{J}_budget_dollars = 0/null

Determine if X or X/Y exceeds the threshold.

15. Reference(s)

Page 12, Typical Attribute(s): "Resource estimates from the budget plan are reasonable and resources are available to support the schedule."

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