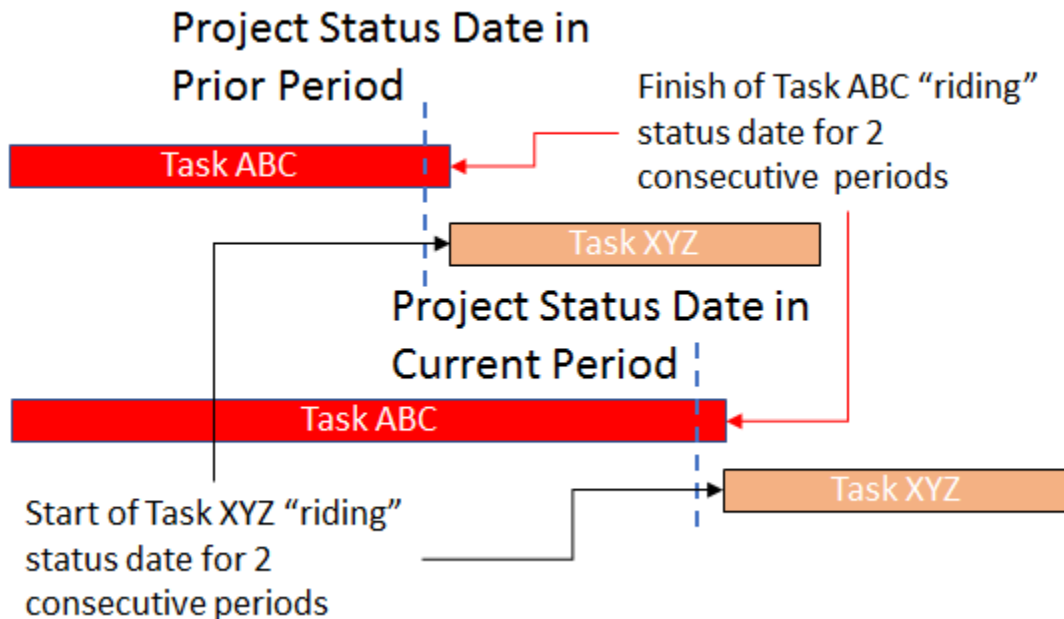


SSI Tools Test Method for DECM 06A506c

Are forecast start/finish dates riding the status date of the IMS for two consecutive months?

SSI Tools inspects the current project and the project from the prior reporting period for the following conditions:

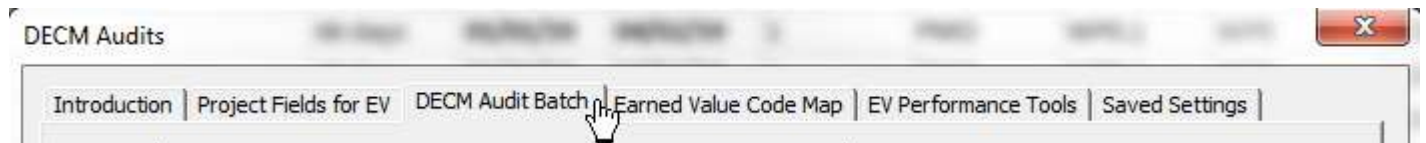
- Identifies tasks/activities & milestones with forecast finish dates immediately after* the project's status date for 2 consecutive periods
- Identifies tasks/activities & milestones with forecast start dates immediately after* the project's status date for 2 consecutive periods



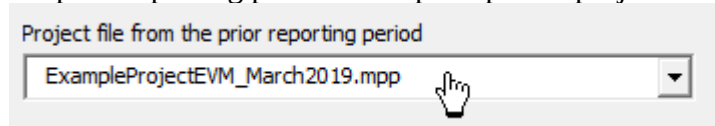
*within 3 working days or 5 calendar days

Setup Instructions using SSI *DECM Audits* form

1. Open the project file from the last reporting period
2. Open the project file from the current reporting period and make it the active project
3. Select the prior project in the drop-down list named ***Project file from the prior reporting period***



With the current project active in Microsoft Project, use this drop-down to select the name of the project from the prior reporting period. The prior period project must be open but it must not be the active project.



References from EVMS Test Metric Specification

5. Attribute: 06A5: The schedule provides baseline, forecast, and actual dates.

6. Test Step: Are forecast start/finish dates riding the status date of the IMS for two consecutive months?

7. Test Metric:

X = Count of incomplete tasks/activities & milestones with either forecast start or forecast finish date riding the status date

Y = Total count of incomplete tasks/activities & milestones

8. Metric Threshold: $X/Y \leq 1\%$

10. Data Elements Required:

11 Integrated Master Schedule (Two Consecutive Months)

11A Actual Finish Date

11C Actual Start Date

11V Forecast Finish Date

11W Forecast Start Date

11AF Remaining Duration

11AG Status Date

11AM Task/Milestone UIDs

11. Assumptions:

1. A forecast date is considered “riding” the IMS status date when, from one reporting period to the next, the date moves in constant proportion to the status date (e.g., early finish date equals status date plus constant remaining duration).
2. If the Status Date does not match the Period End Date, use the IMS Status Date for this metric. Note: Misalignment is addressed in metric 03A101e.
3. Incomplete tasks/activities and milestones equals no actual finish date in the IMS.
4. If Forecast Finish Dates and Forecast Start Dates are invalid (i.e., $\leq$ Status Date), tasks/activities & milestones are not counted in this metric.

SSI Report

SSI Report shows the following headers referring to the DCMA EVMS Test Metric Specification

- Metric ID – Block 2 **Unique Test Metric ID**
- Name – Block 6 **Test Step**
- Metric Threshold – Block 8 **Metric Threshold**
- Numerator (X) – Block 8 **Metric Threshold** X Value
- Denominator (Y) – Block 8 **Metric Threshold** Y Value
- Score – Block 8 **Metric Threshold** X/Y Value
- Pass/Fail – Block 8 **Metric Threshold** X/Y Pass/Fail determination
- Metric Spec Link – Link to the **EVMS Test Metric Specification**
- SSI Test Link – Link to SSI Test method and description (this document)

SSI Report shows the following Details:

- **Unique ID** – Task Unique ID in Microsoft Project
- **Name** – Task Name in Microsoft Project
- **Riding Status Date** – shows tasks with a forecast start or finish date that have been with 3 working days (5 calendar days) of the status date in the last 2 reporting periods.

Report Example

[illegible]