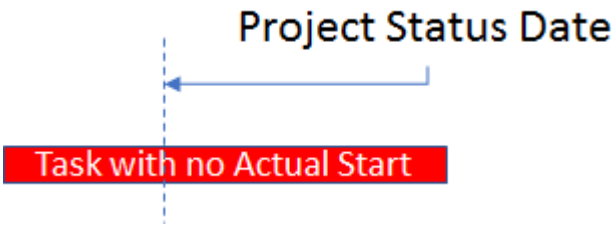


SSI Tools Test Method for DECM 06A506b

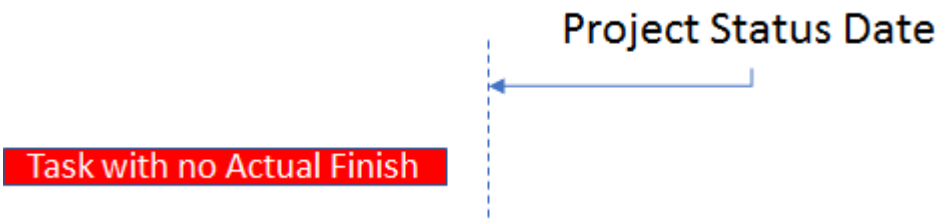
Are forecast start and finish dates valid for all tasks/activities & milestones in the IMS?

SSI Tools inspects the forecast start and forecast finish date for tasks and milestones for the following conditions:

- Identifies tasks/activities & milestones with forecast start dates before the status date



- Identifies tasks/activities & milestones with forecast finish dates before the status date



Setup Instructions using SSI *DECM Audits* form

No setup is required for this test other than the normal scheduling practice of posting status where actual dates are before the project's status date and forecast dates are after the project's status date.

References from EVMS Test Metric Specification

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

6. Test Step: Are forecast start and finish dates valid for all tasks/activities & milestones in the IMS?

7. Test Metric: X = Count of incomplete tasks/activities & milestones with either forecast start or forecast finish on or before the status date

8. Metric Threshold: X = 0

10. Data Elements Required:

- 11 Integrated Master Schedule
 - 11A Actual Finish Date
 - 11C Actual Start Date
 - 11V Forecast Finish Date
 - 11W Forecast Start Date
 - 11AG Status Date
 - 11AM Task/Milestone UIDs

11. Assumptions:

- An activity where both forecast start and forecast finish dates are on or before the status date is only counted as a single discrepancy.
- Incomplete tasks/activities or milestones equals no actual finish date in the IMS.

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

6. Test Step: Are actual start and actual finish dates valid for all tasks/activities & milestones in the IMS?

7. Test Metric:

X = Count of tasks/activities & milestones with either actual start or actual finish after status date

Y = Total count of tasks/activities & milestones with an actual start date

8. Metric Threshold: $X/Y \leq 5\%$

10. Data Elements Required:

- 11 Integrated Master Schedule

11A Actual Finish Date
11C Actual Start Date
11AG Status Date
11AM Task/Milestone UIDs

11. Assumptions:

1. An activity where both actual start and actual finish dates are after the status date is only counted as a single discrepancy.

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
- **Invalid Forecast Date** – shows tasks with Past Forecast Start or Finish dates

Report Example

[illegible]