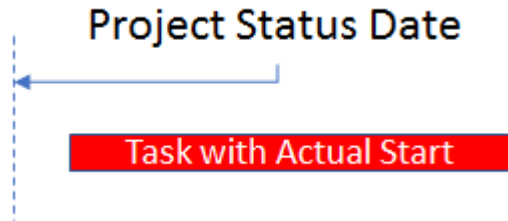


SSI Tools Test Method for DECM 06A506a

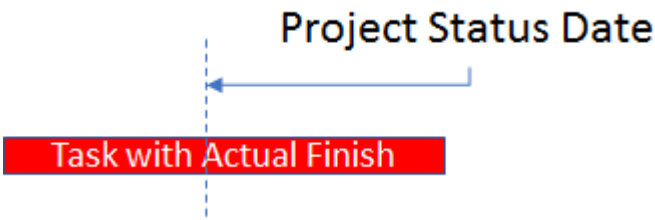
Are actual start and actual finish dates valid for all tasks/activities & milestones in the IMS?

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

- Identifies tasks/activities & milestones with actual start dates after the status date



- Identifies tasks/activities & milestones with actual finish dates after the status date



If both conditions are found, SSI records only one finding as the numerator of the metric

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 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 UUIDs

11. Assumptions:

- 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
- **Actual Start** – the inspected item’s actuals start date occurring after the project’s status date
- **Actual Finish** – the inspected item’s actuals finish date occurring after the project’s status date

Report Example

A	B	C	D	E	F	G	H	I
Metric ID	Name	Metric Threshold	Numerator (X)	Denominator (Y)	Score	Pass/Fail	Metric Spec Link	SSI Test Link
06A506a	Are actual start and actual finish dates valid for all tasks/activities & milestones in the IMS?	5%	1	87	1%	Pass	DECM Spec	SSI Spec
Unique ID	Name	ActualStart	ActualFinish					
102	Generate Presentation Materials for ORR	11/06/2019						