

SSI Tools Test Method for DECM 06A504a

Are actual start dates changed after first reported

SSI Identifies tasks in the prior reporting period with an Actual Start date for comparison to the same tasks in the current schedule according to their UniqueID. Differences between Actual Start dates in prior vs current period are reported as findings for the numerator of this test.

Findings for this test include:

- A Task with an actual start in the prior period that is different than the actual start in the current period

Setup Instructions using SSI *DECM Audits* form

1. Open the project from the prior reporting period and the current project
2. Ensure both the prior and current project reflect correct status
3. Make the Current project file the active file
4. Select the Prior Project using the control below “Project file from the prior reporting period”

DECM Audits

The screenshot shows the 'DECM Audits' application window. It has a tabbed interface with 'DECM Audit Batch' selected. On the left, the 'DECM Audit List' contains various audit categories, with 'Actual Start Dates Changed' highlighted in blue. In the center, there are four navigation buttons: '>', '<', '>>', and '<<'. On the right, the 'DECM Audits to Run' list contains 'Actual Start Dates Changed' and 'Actual Finish Dates Changed'. At the bottom, a dropdown menu labeled 'Project file from the prior reporting period' shows 'ExampleProjectEVM_March2019.mpp' selected.

References from EVMS Test Metric Specification

5. Attribute:

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

6. Test Step: Are actual start dates changed after first reported?

7. Test Metric:

X = Count of tasks/activities & milestones where actual start date does not equal previously reported actual start date

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

8. Metric Threshold: $X/Y \leq 10\%$

10. Data Elements Required:

11 Integrated Master Schedule (Two Consecutive Months)

11C Actual Start Date

11D Actual Start Date (Prior Month)

11AM Task/Milestone UUIDs

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** – Shows the Actual Start in the Current Period
- **Prior Actual Start** – Shows the Actual Start in the Prior Period

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
06A504a	Are actual start dates changed after first reported?	10%	1	34	3%	Pass	DECM Spec	SSI Spec
Unique ID	Name	ActualStart	PriorActualStart					
40	Generate Developmental Test Plan (DTP)		03/19/2019					