

SSI Tools Test Method for DECM 06A504b

Are actual finish dates changed after first reported

SSI Identifies tasks in the prior reporting period with an Actual Finish date for comparison to the same tasks in the current schedule according to their UniqueID. Differences between Actual Finish 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 finish in the prior period that is different than the actual Finish 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”

References from EVMS Test Metric Specification

5. Attribute:

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

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

7. Test Metric:

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

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

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

10. Data Elements Required:

11 Integrated Master Schedule (Two Consecutive Months)

11C Actual Finish Date

11D Actual Finish Date (Prior Month)

11AM Task/Milestone UIDs

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

Report Example

A	B	C	D	E	F	G	H	I
06A504b	Are actual finish dates changed after first reported?	10%	1	32	3%	Pass	DECM Spec	SSI Spec
Unique ID	Name	ActualFinish	PriorActualFinish					
40	Generate Developmental Test Plan (DTP)		03/25/2019					