

SSI Tools Test Method for DECM 06A501a

SSI Tools inspects tasks and milestones for the presence of a Baseline Start and Baseline Finish. The following conditions are findings for this inspection:

- Tasks and milestones without a Baseline Start
- Tasks and milestones without a Baseline Finish

Setup Instructions using SSI *DECM Audits* form

No setup is required for this test other than the normal scheduling practice of setting the baseline.

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

6. Test Step: In the IMS, do all of the tasks/activities & milestones have baseline start and baseline finish dates?

7. Test Metric:

X = Count of tasks/activities & milestones without baseline dates

Y = Total count of tasks/activities & milestones

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

10. Data Elements Required:

11 Integrated Master Schedule

11G Baseline Finish Date

11J Baseline Start Date

11AM Task/Milestone UUIDs

11. Assumptions:

The scheduling software tool has both a baseline start and a baseline finish date for a milestone; if this is not the case, adjust the methodology accordingly.

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
- **Baseline Start / Baseline Finish** - the inspected task's Baseline start and finish

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
06A501a	Do all tasks/activities/milestones in the IMS have baseline start and finish dates?	5%	7	87	8%	Fail	DECM Spec	SSI Spec
Unique ID	Name	Baseline Start	Baseline Finish					
108	SE LOE							
109	REQ LOE							
110	Design LOE							
111	Development and Implementation LOE							
112	SVT: Project Closeout							
	Develop Operators, Maintenance & User							
79	Manuals							
80	Perform Software Code & Unit Testing							