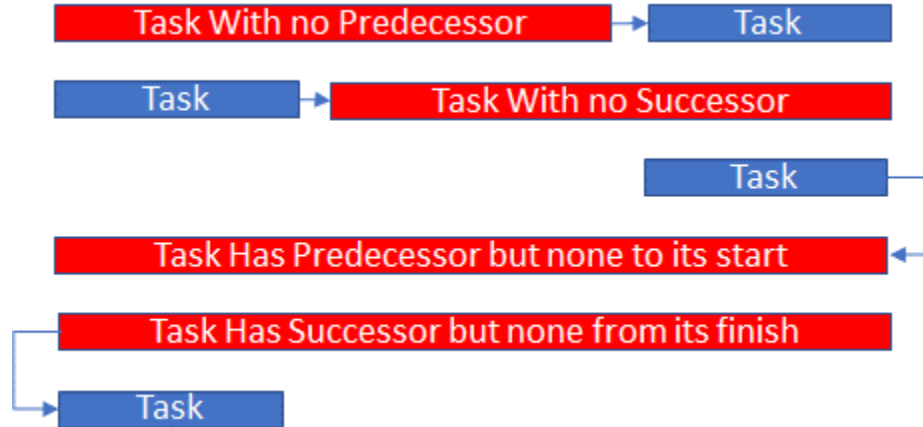


SSI Tools Test Method for DECM 06A204b

SSI Tools inspects the Predecessors & Successors for each incomplete, non-LOE task and milestone for missing dependency to their start or from their finish. The Schedule will pass this test if 0% of incomplete task or milestone are missing a start dependency.

If testing only the Red tasks (the blue tasks are shown for reference only), each of these conditions would be a finding of this test.



Exceptions include Tasks with no Predecessor or no Start Predecessor with a start date equal to the project's start date and Tasks with no Successor or no Finish Successor with a finish date equal to the project's finish date. In other words, Tasks or Milestones used to show the Start or Finish of the project.

Setup Instructions using SSI *DECM Audits form*

- No setup is required for this test other than the normal scheduling practice of defining task dependencies (predecessors and successors)

DCMA EVMS Test Metric Specification

5. Attribute: 06A2: The network schedule/IMS depicts the sequence of work (horizontal integration) and identifies the significant interdependencies that are indicative of the actual way the work is planned and accomplished.

7. Test Metric:

X = Count of incomplete Non-LOE tasks/activities & milestones with open starts or finishes

Y = Total count of incomplete Non-LOE tasks/activities & milestones

8. Metric Threshold: X/Y = 0%

10. Data Elements Required:

11 Integrated Master Schedule

11A Actual Finish Date

11U EVT

11AE Predecessor (Type)

11AK Successor (Type)

11AM Task/Milestone UIDs

11. Assumptions:

- An "open start" is defined as tasks/activities & milestones that contains only finish to finish, start to finish, or blanks for predecessor.
- An "open finish" is defined as tasks/activities & milestones that contains only start to start, start to finish, or blanks for successor.
- The first tasks/activities & milestones have the earliest baseline start date in the IMS and should be excluded from the metric.
- The last tasks/activities & milestones have the latest baseline finish date in the IMS and should be excluded from the metric.
- Incomplete tasks/activities & milestones equals no actual finish date in the IMS.

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
- **OpenStartOrFinish** – Condition, or test finding, identified for the task. The count of these tasks is the Numerator in column D.

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
06A204b	Are there open starts or finishes ("dangling logic") in the schedule?	0%	1	38	3%	Fail	DECM Spec	SSI Spec
Unique ID	Name	OpenStart	OrFinish					
112	SVT: Project Closeout	Open Finish						