

SSI Tools Test Method for DECM 06A210a

SSI Tools finds all incomplete tasks in the schedule identified as Level of Effort (LOE). The identification method is defined by the user on the SSI **DECM Audits** form tab named **Project Fields for EV**. If **Level of Effort (LOE) ID Method** is set to “Per Earned Value Method”, it is also necessary to define the LOE code or text string for the LOE Earned Value Technique (EVT) on the tab named **Earned Value Code Map**.

From the list of LOE tasks, SSI Tools inspects each task’s successors. If any LOE task links to a non-LOE task, and that successor is not an end-of-project milestone, the task is reporting as a deficiency. Since the threshold for this metric is 0, any LOE task with a non-LOE successor causes the project to fail this test.

Setup Instructions using SSI DECM Audits form

1. Select a **Level of Effort (LOE) ID Method** from the choice list on **Project Fields for EV**

- Use “None” if the project contains no LOE tasks
- Use the “in Name” option if all LOE tasks have a particular text value in their task name. You can even over-type an alternate “in name” text string such as “Supervision in name” as long as your selection ends with “in Name”.
- Use “Per Earned Value Technique (EVT)” if LOE is identified according to a task’s Earned Value EVT. When using this option, you also need to enter your LOE EVT code on the tab named **Earned Value Code Map** – See Step 2 below. A project field must also be identified for “Earned Value Technique (EVT) Codes”
- If you use a flag field to identify LOE, select “Flag = Yes” and specify which flag field you use for that purpose.

DECM Audits

Introduction | DECM Audit Batch | **Project Fields for EV** | Earned Value Code Map | Saved Settings | DECM Audit Tools

Fields used for Earned Value Metrics

Control Account(CA) code or id: Text3 (WP Parent)

Control Account Manager (CAM): Contact

Control Account Org Breakdown Structure (OBS): Text2 (OBS)

Control Account Work Breakdown Structure (WBS): WBS

Work Package (WP) code or Id: Text1 (WP ID)

Earned Value Technique (EVT) Codes: Text4

Element of Cost (EOC) Identification: Resource Group

Name and Location of Accounting Calendar:

Calendar Location: C:\Users\Public\SSI_Tools\TSV\

Fiscal / Accounting Calendar: TSV_2019_2024-Fiscal_Cal.csv

How are Special Tasks Identified?

Level of Effort (LOE) ID Method: **Per Earned Value Technique (EVT)**

Planning Package Id Method: None

Schedule Visibility Task (SVT) Id Method: Level of Effort in Name

Schedule Margin Task Id Method: Support in Name

- #### 2. When using “Per Earned Value Technique (EVT)”, enter the code or string used for LOE Work Packages below “What Earned Value Method is used for Level of Effort?”. If you use Deltek Cobra, for example, the code for LOE is the letter “A”. Otherwise enter the code used by your Earned Value Management tool.

DECM Audits

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What Earned Value Method is used for Level of Effort?

LOE

- A LOE task can have another LOE task as its successor
- A LOE task can have an end-of-project milestone as its successor

- 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)

- Unique ID – Microsoft Project Task Unique ID
- Name – Microsoft Project Task Name
- LOE-to-Non-LOE – Yes indicates an LOE task has a non-LOE successor. No indicates LOE does not have a non-LOE successor or its successor is an end-of-project milestone

[illegible]