

SSI Tools Test Method for DECM 10A303a

Do all planning packages have duration

SSI Identifies Planning Packages with zero duration

Findings for this test include:

A Task identified as a Planning Package with a duration = 0

Setup Instructions using SSI *DECM Audits* form

1. Enter the identification method for Planning Packages on the tab named Project Fields for EV
2. Enter the value used to identify a Planning Package on the tab named Earned Value Code Map

Project Fields for EV

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

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 (EVM)

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: Per Earned Value Technique (EVT)

Schedule Visibility Task (SVT) Id Method: SVT in Name

Schedule Margin Task Id Method: SCHEDULE MARGIN in Name

Earned Value Code Map

What value is used to identify a Planning Package?

PP

In this example the user is identifying Planning Packages according to the EVT which is in Text4 per the setup value for Earned Value Technique (EVT) Codes. The EVT code used for a Planning Package is “PP” according to the settings on the tab named Earned Value Code Map

References from EVMS Test Metric Specification

5. Attribute:

10A3: Planning packages have the following characteristics:

- Are the logical aggregations of work within a control account, normally the far-term effort that can be identified, budgeted, and time-phased in baseline planning, but cannot yet be detail planned into work packages.
- Are identified within the Integrated Master Schedule (IMS) and other supporting schedules

6. Test Step: Do all PPs have duration?

7. Test Metric:

X = Count of PPs with baseline duration less than or equal to one day

Y = Total count of PPs

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

10. Data Elements Required:

11 Integrated Master Schedule

11F Baseline Duration

11AP WP/PP/SLPP 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
- Baseline Duration – Shows the baseline duration of zero for the Planning Package

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
10A303a	Do all PPs have duration?	10%	1	1	100%	Fail	DECM Spec	SSI Spec
Unique ID	Name	BaselineDuration						
105	Close ORR Action Items	0						