

SSI Tools Test Method for DECM 05A103a

SSI Tools Inspect Schedule items with a Control Account (CA) and finds these conditions:

- Tasks belonging to a CA have different WBSs
- Tasks belonging to a CA have no WBS

The schedule will pass this test if none of CAs have these conditions.

Setup Instructions using SSI *DECM Audits* form

- Select a project field for **Control Account (CA) code or id**
- Select a project field for **Control Account Work Breakdown Structure (WBS)**

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

Using Punctuated **Control Account & Work Package code or id**.

Note – **Control Account (CA) code or id** and **Work Package (WP) code or id** can use the same project field as long as the last term of a punctuated code represents the WP and all prior terms represent the CA.

For example: CA1.1.WP1 can be used for the CA and WP code by specifying punctuation using a dot (.). In the example CA1.1 will be the CA code or id and WP1 will be the WP code or id

DCMA EVMS Test Metric Specification

5. Attribute:

05A1: Each control account is assigned to a single organizational element directly responsible for the work identifiable to a single element of the WBS. One or more control accounts are visible at the intersection of the WBS and responsible organizational structure.

6. Test Step: Does each control account have exactly one WBS element assigned?

7. Test Metric:

X = Count of CAs that have more than one WBS or no WBS assigned

Y = Total count of CAs

8. Metric Threshold: $X/Y \leq 0\%$

10. Data Elements Required:

13 EV Cost Tool Data

13AA Control Account UIDs

13AZ WBS Elements

11. Assumptions:

1. Analysis is based on current month in EV cost tool data only.

SSI Tools 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** – Microsoft Project Task Unique ID is not shown for this test since there may be multiple Unique IDs per CA
- **Control Account** – from the project field selected for CA code or id
- **WBSs** – shows the number of unique WBS numbers for the CA

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
05A103a	Does each control account have exactly one WBS element assigned?	0%	2	6	33%	Fail	DECM Spec	SSI Spec
Unique ID	Control Account	WBSs						
NA	WP1	3						
NA	WP3	2						