

# **Compliance Interpretive Guide (CIG)**

**A Discussion on  
the Transformation  
of DoD EVMS  
Compliance**

**September 2013**



# EVMS Compliance Goals

**Consistency**

**Complexity**

**Cost**

- **Taking EVMS Compliance from Tax Law to Turbo Tax**

## '09 887 Report - Compliance Interpretive Guide

### **Collect**

**Collected source documents on guideline interpretation and implementation**

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### **Assess**

**Assessed documents to determine comprehensive attributes for each guideline**

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### **Consolidate**

**Consolidated documents into a set of test steps and metrics**

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### **Test**

**Tested guidelines against full set of EVM data to determine automation capabilities**

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### **Validate**

**Validated that test steps and metrics are measureable using EVM data**

- **Establishing predefined success criteria and testing methods to evaluate the compliance of each guideline using technology solutions to enforce consistency and reduce costs**

# Source Documentation

- › **ANSI/EIA 748 Standard Definitions**
- › **NDIA Intent Guide**
- › **Bowman Interpretive Guide**
- › **Joint Implementation Guide**
- › **EVM Implementation Guide**
- › **Cost/Schedule Management Guide**

**The source documents were consolidated into a set of attributes, test steps, and metrics for each guideline**

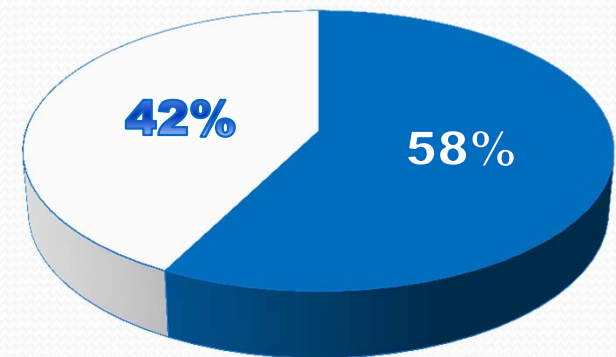
- › **Attributes – the aspects of each guideline expected to be present in a compliant system**
- › **Test Steps – the set of specific questions by which each attribute is measured**
- › **Metrics – the numerical formulas and thresholds by which test steps are evaluated**

# Metric Automation

## Estimated automation of scheduling guidelines

	GL 6	GL 7	GL 23
<b>NDIA IG Attributes</b>	<b>12</b>	<b>2</b>	<b>4</b>
<b>CIG Attributes</b>	<b>8</b>	<b>4</b>	<b>10</b>
<b>Test Steps</b>	<b>50</b>	<b>9</b>	<b>16</b>
<b>Metrics</b>	<b>25</b>	<b>5</b>	<b>3</b>
<b>Automated</b>	<b>13</b>	<b>4</b>	<b>2</b>
<b>Metric Automation</b>	<b>52%</b>	<b>80%</b>	<b>67%</b>

### Scheduling Metric Automation



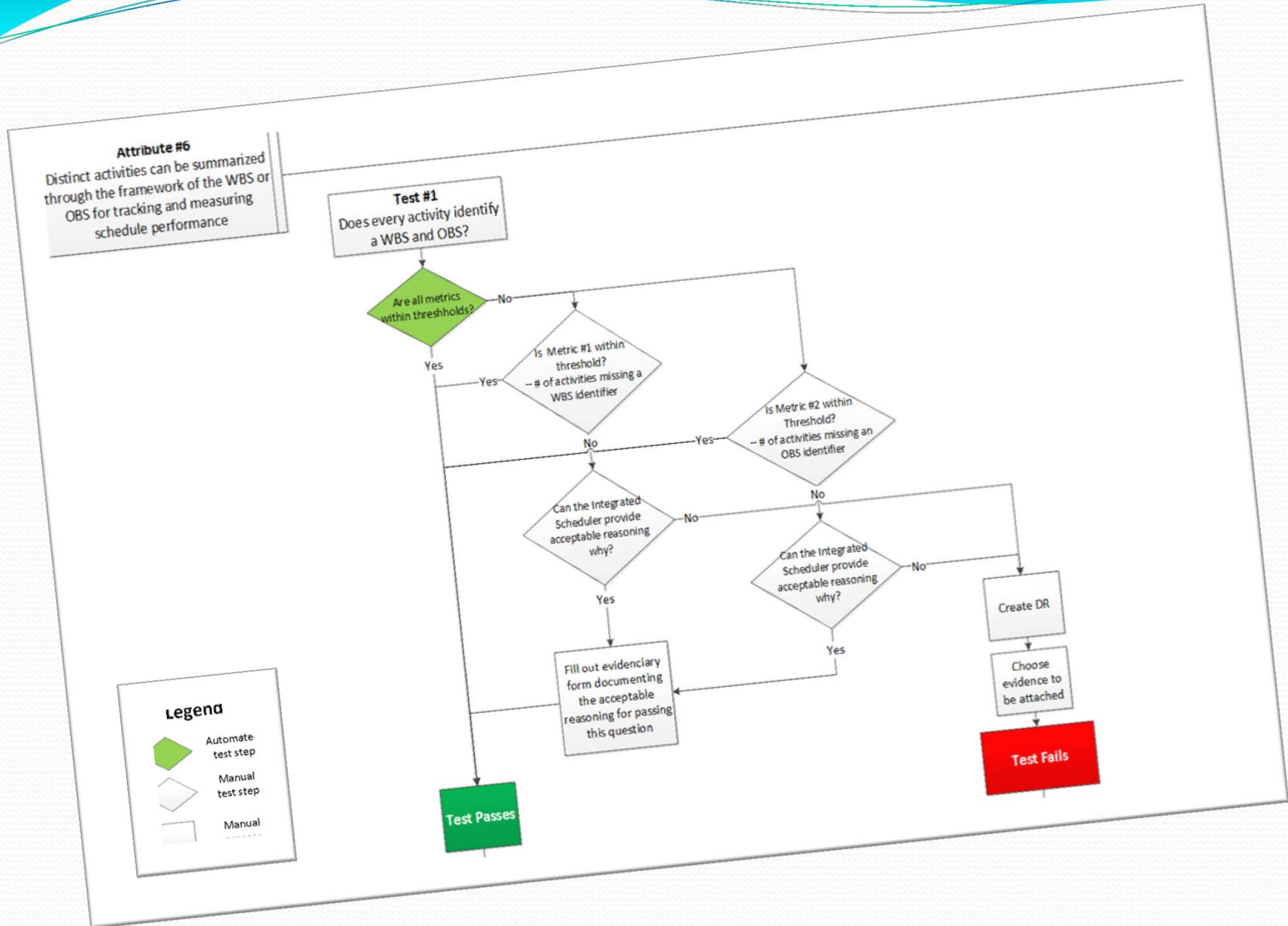
■ Automated □ Manual

**Attribute #6** – Distinct activities can be summarized through the framework of the WBS or OBS for tracking and measuring schedule performance

# Attribute #6 – Activities Summarized Through the WBS and OBS?

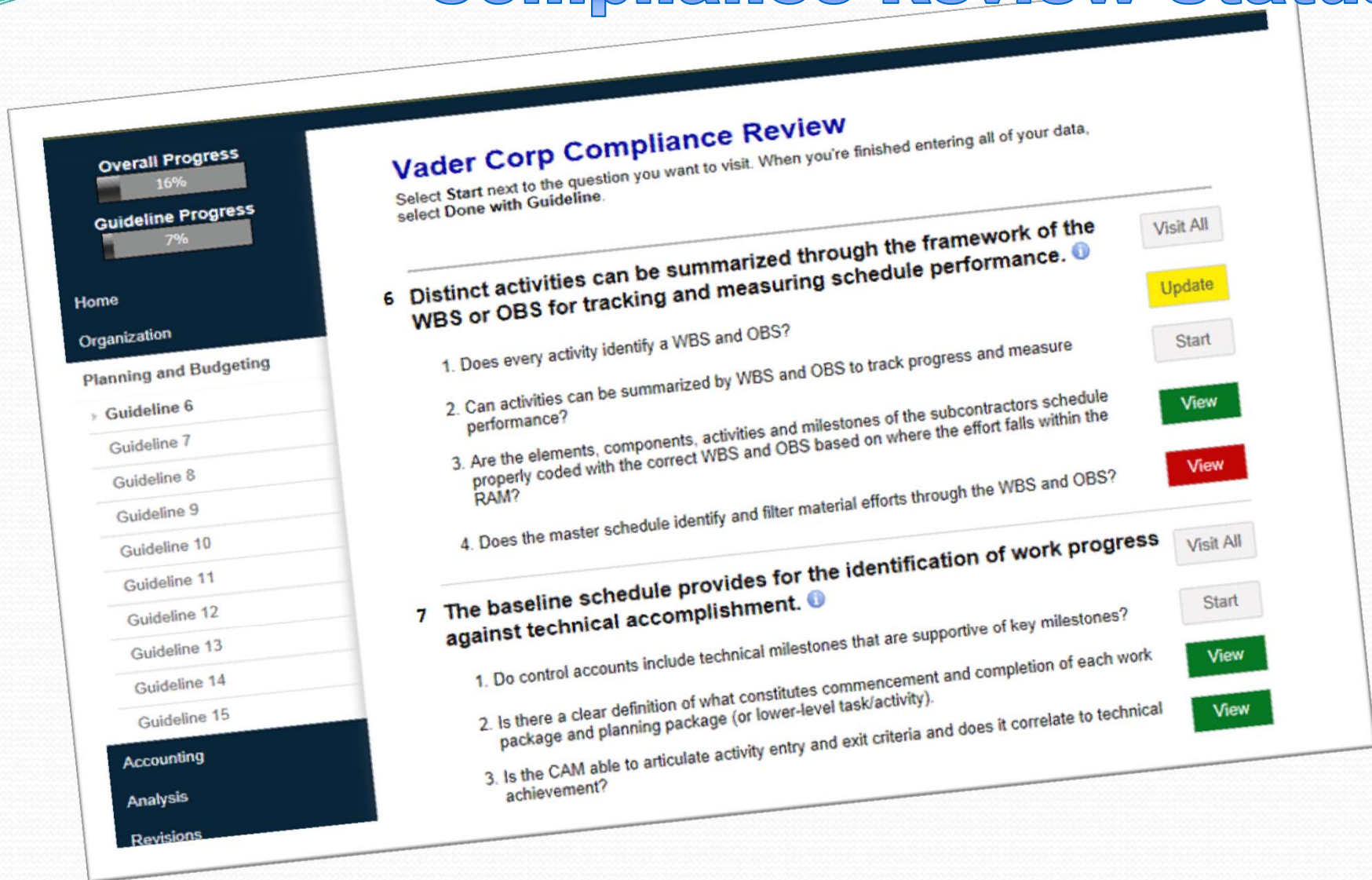
Test Steps	Metrics
1 Does every activity identify a WBS and OBS?	a. X = # of activities missing a WBS Identifier b. X = # of activities missing an OBS Identifier
2 Can activities can be summarized by WBS and OBS to track progress and measure performance?	a. X = Next higher level WBS Actual or Estimated Start Date - CA Actual or Estimated Start Date b. X = Next higher level WBS Actual or Estimated End Date - CA Actual or Estimated End Date c. X = Next higher level OBS Actual or Estimated Start Date - CA Actual or Estimated Start Date d. X = Next higher level OBS Actual or Estimated End Date - CA Actual or Estimated End Date
3 Are the elements, components, activities and milestones of the subcontractors schedule properly coded with the correct WBS and OBS based on where the effort falls within the RAM?	N/A
4 Does the master schedule identify and filter material efforts through the WBS and OBS?	a. X = Next higher level WBS Start Date for a material EOC- CA Start Date for same material EOC

# Attribute Test Flow Diagram





# CIG Automation Compliance Review Status



**Overall Progress**  
16%

**Guideline Progress**  
7%

Home

Organization

Planning and Budgeting

- Guideline 6
- Guideline 7
- Guideline 8
- Guideline 9
- Guideline 10
- Guideline 11
- Guideline 12
- Guideline 13
- Guideline 14
- Guideline 15

Accounting

Analysis

Revisions

## Vader Corp Compliance Review

Select **Start** next to the question you want to visit. When you're finished entering all of your data, select **Done with Guideline**.

### 6 Distinct activities can be summarized through the framework of the WBS or OBS for tracking and measuring schedule performance. ⓘ

1. Does every activity identify a WBS and OBS?
2. Can activities can be summarized by WBS and OBS to track progress and measure performance?
3. Are the elements, components, activities and milestones of the subcontractors schedule properly coded with the correct WBS and OBS based on where the effort falls within the RAM?
4. Does the master schedule identify and filter material efforts through the WBS and OBS?

Visit All  
Update  
Start  
View  
View

### 7 The baseline schedule provides for the identification of work progress against technical accomplishment. ⓘ

1. Do control accounts include technical milestones that are supportive of key milestones?
2. Is there a clear definition of what constitutes commencement and completion of each work package and planning package (or lower-level task/activity).
3. Is the CAM able to articulate activity entry and exit criteria and does it correlate to technical achievement?

Visit All  
Start  
View  
View

# CIG Automation Compliance Review Status

The screenshot displays a web interface for a compliance review. On the left is a dark sidebar with navigation options: Home, Organization, Planning and Budgeting (with a sub-menu of Guideline 6 through 15), Accounting, Analysis, Revisions, and Discrepancy Reports. The main content area is titled "Vader Corp Compliance Review" and shows "Attribute 6 Question 1": "Does every activity identify a WBS and OBS?". Below this, two statistics are shown in red boxes: "Number of activities missing a WBS identifier: 6" and "Number of activities missing an OBS identifier: 4". A "View Detail Schedules" link is present. At the bottom, instructions and "Previous" and "Next" buttons are visible.

**Overall Progress**  
16%

**Guideline Progress**  
7%

Home  
Organization  
Planning and Budgeting  
    > Guideline 6  
    Guideline 7  
    Guideline 8  
    Guideline 9  
    Guideline 10  
    Guideline 11  
    Guideline 12  
    Guideline 13  
    Guideline 14  
    Guideline 15  
Accounting  
Analysis  
Revisions  
Discrepancy Reports

## Vader Corp Compliance Review

### Attribute 6 Question 1

Does every activity identify a WBS and OBS? ⓘ  
[View Detail Schedules](#)

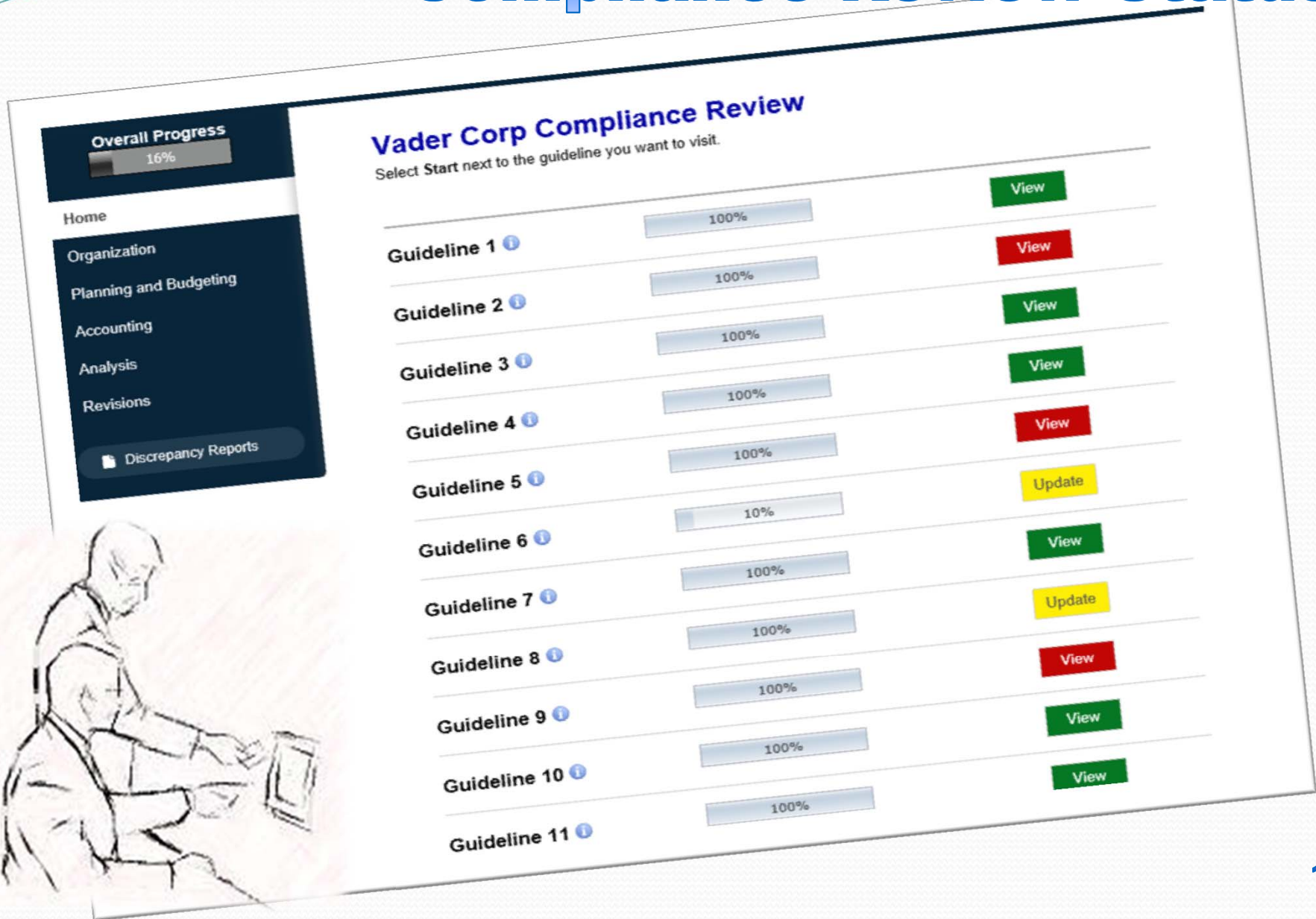
Number of activities missing a WBS identifier: **6**

Number of activities missing an OBS identifier: **4**

If you have completed this step, click the Next button to save your information and then proceed to the next step. Click the previous button to save your information and go back to the previous page.

[Previous](#) [Next](#)

# CIG Automation Compliance Review Status



## Next steps...

- › **Test CIG guideline assessments against historical data and findings**
- › **Continue refining attributes, test steps, and metrics**
- › **Schedule Process (6,7, and 23) released to Government EVM IPT for comments**
- › **Incremental release to Government EVM IPT of all core processes and guidelines by years end**
- › **Incremental release to industry for comments starting in October**
- › **Let's talk Reciprocity**