

EVMS Test Metric Specification

1. **GUIDELINE NO:**
29

2. **TEST METRIC ID:**
29A601a

3. **TEST TYPE:**
Manual

4. **ATTRIBUTE/INTENT DEFINITION:**
29A6: Effective forward planning discipline is maintained with consideration to the size and complexity of the acquisition and the program business rhythm to ensure baseline integrity.

5. **TEST DEFINITION:**
Is all effort detailed planned within the current rolling wave/freeze period?

6. **TEST METRIC:**
X = Count of PPs/SLPPs where baseline start precedes the next rolling wave cycle
Y = Total count of PPs/SLPPs

7. **METRIC THRESHOLD:**
 $X/Y \leq 10\%$

8. **DATA ELEMENTS REQUIRED:**
02 Accounting Fiscal Calendar
 02A Accounting Month Dates
03 System Description
 03H Planning window/freeze period
13 EV Cost Tool Data
 13H BAC
 13U BCWS (time-phasing)
 13AP EVT
 13BA WP/PP/SLPP UIDs
44 Cost Data Dictionary

9. **ASSUMPTIONS:**
 1. Program unique directives/procedures defines the rolling wave/freeze period process specific to the acquisition contract/program being tested.
 2. EV Cost Tool data baseline start date is determined by the first Accounting/Fiscal month of non-zero time-phased BCWS.
 3. Only PPs/SLPPs with $BAC > 0$ are included in this metric.

10. **INSTRUCTIONS:**
 1. Identify the rolling wave/freeze period process as described in the system description and program directive(s).
 2. Request the contractor provide the rationale and justification for the development of the rolling wave process. Ensure that the rationale and justification addresses:
 - a. How was the process developed based on the size and complexity of the program?

- b. How do you ensure adequate forward planning is maintained for performance measurement and critical path development?
 - c. How is the process controlled to maintain baseline integrity?
 - d. If the rationale provided for the development of the rolling wave process does not adequately address the above questions, then the metric fails: otherwise proceed to Step 3.
3. Identify and count all PPs/SLPPs with $BAC > 0$; this is the denominator (Y) of the test metric.
4. Identify the commencement date of the next rolling wave cycle beyond the Freeze Period.
5. Identify and count all PPs/SLPPs with $BAC > 0$ where the baseline start precedes the next rolling wave cycle. This is the numerator (X) of the test metric.
6. Calculate the test metric (Block 7): X divided by Y.
7. Use block 7 as an indicator in the overall Risk Assessment to determine if further evaluation is warranted.

11. CONFIGURATION SUMMARY:

<i>Rev Number</i>	<i>Detailed Description of Change</i>	<i>Sections Affected</i>	<i>Spec Sheet Date</i>
v3.1	Initial		11/28/2018
v3.3	No changes – updated to v3.3		5/24/2019
v3.4	Update: Data Elements Required and Assumptions		8/31/2019
v3.5	Update: Test Step and Assumptions		2/22/2020
v3.6	Update: Assumptions and Instructions		8/30/2020
v4.0	Changed Metric Template to delete old blocks 4, 9, 13, & 14 & updated block numbering & wording. Removed Pass/Fail verbiage to allow assessment of test results case by case. Added data element 44 to supplement artifact 13 & updated blk 8 for DECM consistency. Update capitalization blk 9.	8, 9, 10	3/05/2021
v5.0	No changes – updated to v5.0		12/13/2021
v6.0	Update layout for Section 508 Accessibility Compliance		12/05/2022
v7.0	Update layout for Section 508 Accessibility Compliance		12/06/2024
v8.0	No changes - updated to v8.0		8/21/2025