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September 21, 2021



- NDIA IPMD Health Metrics Committee Mission & Objectives and Committee Membership Composition
- NDIA IPMD Health Metrics Committee Survey
- NDIA IPMD DECM Test Metric Change Process
- Supplemental Outputs Provided on New DECM Test Metric Versions
- Upcoming October 2021 DCMA Scheduled CCB (v5.0)
- Recap of Past DCMA CCB's (v3.1 through v4.0)
- January 2021 DCMA Scheduled CCB (v4.0)
- July 2020 DCMA Scheduled CCB Event (v3.6) and October 2020 "Out of Sequence CCB" to July 2020 DCMA CCB (v3.6.1)
- Additional DECM Test Metric Collaborative Initiatives



## **Mission and Objectives**

## **Committee Member Composition**

## NDIA IPMD Health Metrics Committee Mission and Objectives



#### **Overview/Mission:**

Objective is to adjudicate industry's comments on the DCMA EVMS Compliance Metrics (DECM) and to facilitate the collaboration as one voice to DCMA. This working group will address all industry issues with data driven metrics and will work closely with other IPMD working groups as the need arises.

#### Leadership:



Angie Barkey Angela\_c\_barkey@Raytheon.com



Cathy McCain cmccain@bellflight.com

#### **Objectives:**

- Become the voice of Industry to collaborate with DCMA on the EVMS Compliance Metrics (DECM)
- Work closely with DCMA on their data driven metrics to provide feedback on new and/or existing data driven metrics
- Gather and adjudicate all industry comments to send to DCMA as "one voice" before each DCMA CCB meeting
- Collaborate with other NDIA IPMD Committees as the need arises

## NDIA IPMD Health Metrics Committee Membership Composition



- Formation and interest for an NDIA IPMD Health Metric Committee occurred at the Winter NDIA IPM meeting in Jan 2020
- Co-Leads of this Committee are:
  - Angie Barkey (Raytheon)
  - Cathy McCain (Bell, Textron)
- Serving as the NDIA IPMD Board of Director contacts
  - Cherilyn "CJ" Jones
  - Dan Bellovary
- Active committee members is at 30 people

## NDIA IPMD Health Metrics Committee Membership Composition



Company / Agency								
AeroJet Rocketdyne	L3Harris							
BAE Systems	Leidos							
Boeing	Lockheed Martin							
Clear Plan	NASA							
CNS	Northrop Grumman							
Deltek	Pratt & Whitney							
Encore Analytics	Raytheon							
General Atomics	Rolls Royce							
Honeywell	Textron							



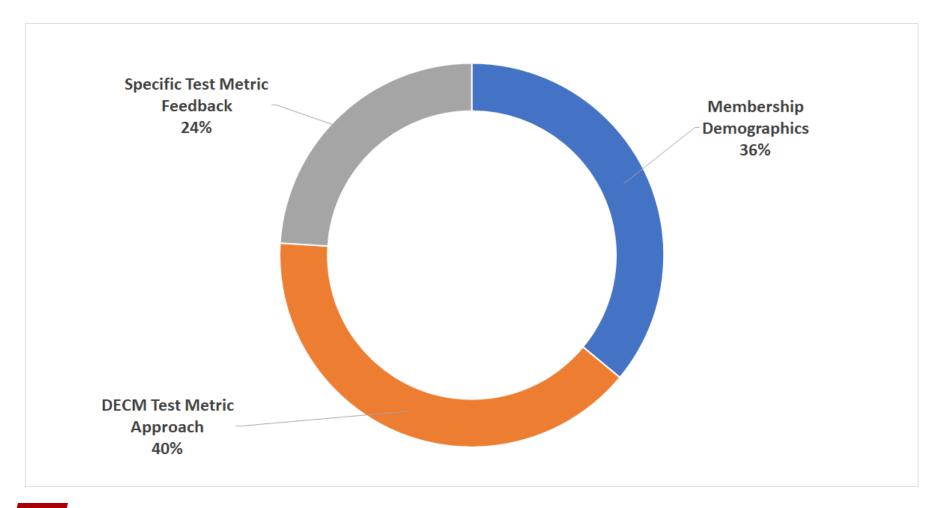
**Committee Survey** 



- To kick-off the committee we sent out a survey on April 10<sup>th</sup> to serve as an ice breaker for committee members to share their perspective and get to know each other.
- 2 weeks was provided for the NDIA Health Metrics Committee members to provide some feedback since some questions required some research
- There were 25 questions to answer and there was an 80% survey responses rate
- The survey collected data to :
  - Get feedback on the surveillance approach using the DECM test metrics now that we have 2 years experience into this process
  - Evaluate if industry is seeing the potential benefits with this surveillance approach
  - More importantly solicit feedback on potential test metric changes in preparation for the July 2020 CCB
    - Changes based on certain criteria specified in the survey questions

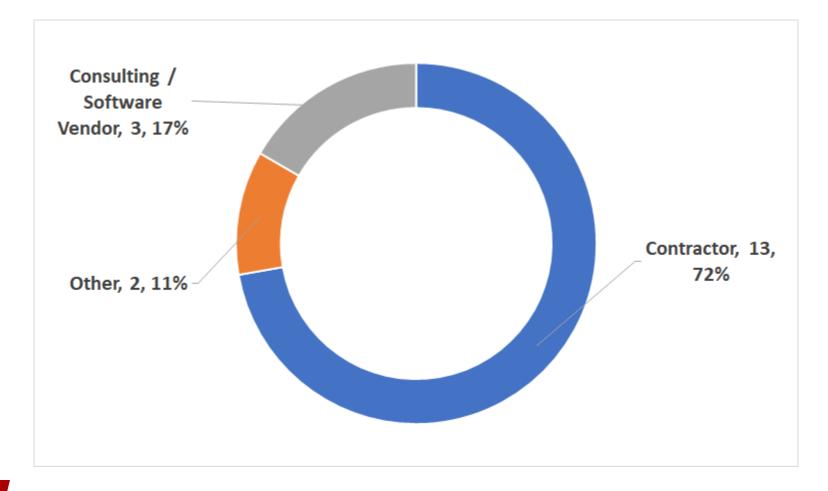








#### **Membership Demographics**





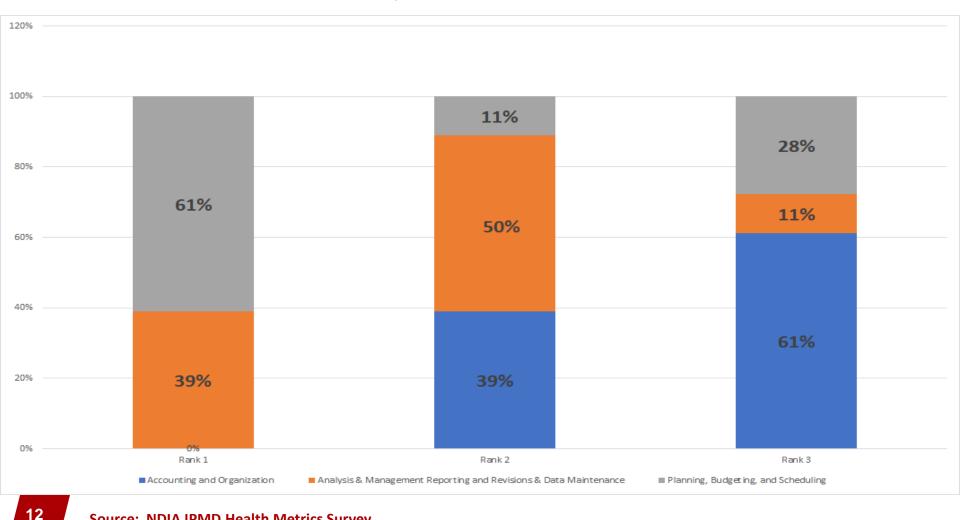
1 to 5 0 to 25 Years Percent Over 20 5% 20% Years 35% 76 to 100 Percent 5 to 10 26 to 50 60% Years Percent 5% 10% 51 to 75 10 to 20 Percent Years 10% 55%

#### EVMS Experience

**Surveillance Involvement** 



#### **EVMS Subject Matter Expertise Ranked**





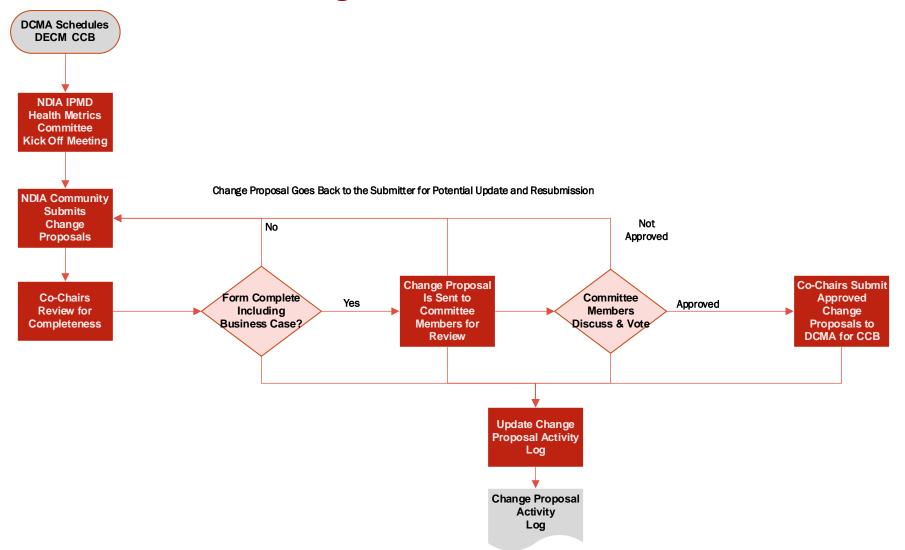
## NDIA IPMD DECM Test Metric Change Proposal Process

#### NDIA IPMD Health Metrics Committee DCMA CCB Process & Recommended Guidelines



- Next DCMA CCB scheduled is the week of October 25, 2021 with all NDIA test metric change proposals submitted by October 11, 2021
- Recommended guidelines pertaining to the DECM CCB change request process is as follows:
  - Business Reasons should be concise and to the point (stay within 1 to 2 pages)
  - Redlines need to be tracked within the metric word document by using the tracking capability
  - Comments should be used as necessary on each individual redline to further clarify information about the proposed test metric change to mitigate DCMA from having to request additional clarification from the test metric change submitter
  - All requested changes will need to be well supported, as well as metrics requested for deletion
    - Do not need to copy Guideline Purpose and Intents from EVMSIG into the proposed documents since already on hand for DCMA
  - DCMA CCB Leaders will ensure the NDIA IPMD Test Metric Change Proposals are in the queue for CCB review
    - Co-Chairs will submit the test metric change proposals and provide other info needed
  - DCMA will communicate to the NDIA IPMD DECM Committee as to whether requested changes were accepted or rejected

### NDIA IPMD Health Metrics Committee DECM Test Metric Change Process



<u>Note</u>: Delete Test Metric Change Requests Only Require the NDIA IPMD Test Metric Proposal Request Form whereas changes to DECM Test Metric Specifications also require a <u>Redline</u> attachment of the EVMS Test Metric Specification to Change

### **NDIA IPMD Health Metrics Committee** DECM Test Metric Change Process -- Deletions



- 1. Proposed DECM Test Metrics to change will be discussed in scheduled committee meetings
  - Requested changes will be sent to committee prior to meeting for review
- 2. Committee Member fills out the NDIA IPMD DECM Test Metric Change Proposal as a **Delete** 
  - Do not attach any of the EVMS Metric Specification instructions to the change proposal
  - Only 1 Test Metric per NDIA IPMD DECM Test Metric Change Proposal
- 3. Co-Chairs will review the submittal for completeness and fill in the <u>Submitted Date</u> to NDIA IPMD DECM field and assign a <u>Change ID</u> to the test metric change proposal
- 4. Co-Chairs will log an entry into the Change log tracking all Change Proposals for a given DCMA CCB
- 5. Submitting committee member will present the NDIA IPMD DECM Test Metric Change Proposal to the committee for approval
- 6. Committee will vote on approval or disapproval of proposed Test Metric Change Proposal.
  - A <u>consensus vote of 2/3</u> must be reached for approval by the committee in order to be submitted to the DCMA CCB
- 7. If the NDIA IPMD Test Metric Change Proposal is approved; the Co-Chairs will update the test metric change proposal with the approval date and Submit to DCMA
  - DECM Test Metric Change log will be updated to reflect Change Proposal status (approved/disapproved)
- 8. Once the NDIA IPMD DECM Test Metric is deemed Ready to Submit to DCMA; the Committee Co-Chairs will send to DCMA so that the proposal gets considered in the next CCB review

### **NDIA IPMD Health Metrics Committee** DECM Test Metric Change Process -- Changes



- 1. Proposed DECM Test Metrics to change will be discussed in scheduled committee meetings
  - Make sure there is only 1 Test Metric per Change Proposal.
  - Requested changes will be sent to committee prior to meeting for review

#### 2. Committee Member fills out the NDIA IPMD DECM Test Metric Change Proposal as a **Change**

- Must identify what sections of the proposed DECM Test Metric will be changed
- All changes in the document must be made as REDLINES to the document DCMA strongly recommends using comments with each individual REDLINE made in the document.
- The document needs to be appended to the NDIA IPMD DECM Test Metric Change Proposal so that everything is self contained in the 1 document.
- 3. Co-Chairs will review the submittal for completeness and fill in the <u>Submitted Date</u> to the NDIA IPMD DECM field and assign a <u>Change ID</u> to the test metric change proposal
- 4. Co-Chairs will log an entry into the Change log tracking all Change Proposals for a given DCMA CCB
- 5. Submitting committee member will present the NDIA IPMD DECM Test Metric Change Proposal to the committee for approval.
- 6. Committee will vote on approval or disapproval of proposed Test Metric Change Proposal.
  - A <u>consensus vote of 2/3</u> must be reached for approval by the committee in order to be submitted to the DCMA CCB
- 7. If the NDIA IPMD Test Metric Change Proposal is approved; the Co-Chairs will update the test metric change proposal with the approval date and Submit to DCMA date
  - DECM Test Metric Change log will be updated to reflect Change Proposal status (approved/disapproved)
- 8. Once the NDIA IPMD DECM Test Metric is deemed Ready to Submit to DCMA; the Committee Co-Chairs will send to DCMA so that the proposal gets considered in the next CCB review

### **NDIA IPMD Health Metrics Committee** DECM Test Metric Change Process – Change Example



Change Proposal Overvio	ew	Change Proposal Business Reason	Change Proposal Metric Redline
NDIA IPMD DECM Committee – Test Metric Change Prop	<b>DIR</b> osal	NDIR	EVMS Test Metric Specification  I. Guideline No: 06 06A505a Automated
Unique Test Metric ID:		NDIA IPMD DECM Committee – Test Metric Change Proposal	A. Attribute/Intent Definition:     OGAS: The schedule provides baseline, forecast, and actual dates.     S. Test Definition:     Do all in progress task/activities & milestones have actual start dates?     G. Test Metric:     Z. Metric Threshold:
06A505a		Unique Test Metric ID:	b. test wern: X = Count of in progress tasks/activities & milestones with no actual start date Y = Total count of in progress tasks/activities & milestones X/Y ≤ 5%
Attribute: O6A5: The schedule provides baseline, forecast, and actual dates.		06A505a Attribute: 06A5: The schedule provides baseline, forecast, and actual dates.	S. Data Elements Required:     11 Integrated Master Schedule     11 Integrated Master Schedule     11 Mask/Milestene UIDs     11C Actual Start Date     11T EV % Complete     13 EV Cost Tool Data
Submitted to NDIA IPMD DECM: 8/10/2021			13AN EV% complete 44 Cost Data Dictionary
Revision DECM Metric Change ID: CCB102021-01		Business Reasons	45 IMS Data Dictionary 9. Assumptions:
Approved by NDIA IPMD DECM: 8/26/2021		Proposed Change:	<ol> <li>A characterized in progress" if EV percent complete &gt; 0% and &lt; 100%.</li> <li>EV percent complete is available at the task/activity &amp; milestone level in the IMS.</li> </ol>
Submitted to DCMA: 10/11/2021 Proposed Deletion:		Based on DCMA's Artificial Data and expected results, it appears that this test does not include summary activities, which is not clearly stated in the test sheet assumptions. We request that DMCA clarify whether they should truly be not included in the Assumptions.	<ol> <li>If the EV percent complete field is not available in the IMS, use the EV Cost Tool data to obtain the EV percent complete information for each in progress takinctivity &amp; milestones. If the work package level is at the summary level in the IMS, compare the EV percent complete at the IMS summary level to the EV Cost Tool data.</li> <li>The scheduling software tool has both an actual start and an actual finish date for a milestone; if this is not the case, adjust the methodology accordingly.</li> <li>Summary taking the methodology accordingly.</li> <li>Instructions:         <ol> <li>Identify and count the total number of in progress takis/activities &amp; milestones where EV percent complete is greater than zero but less than 100%; this is the denominator (Y) of the metric.</li> </ol> </li> </ol>
Proposed Change – Check all that are red-lined		Note: This test metric was submitted for this change in the January 2021 DCMA	complete is greater than zero but less than 100%; this is the denominator (Y) of the metric. 2. Identify and count the number of in progress tasks/activities & milestones from Step 1 that have no
3. Test Type 7. Metric Threshold		CCB along with 06A204b, 06A501a, 06A504a, and 06A504b. This test metric	<ol> <li>Identify and count the number of in progress tasks activities &amp; milestones from Step 1 that have no actual start date; this is the numerator (X) of the metric.</li> <li>Calculate the test metric (Block 7): X divided by Y.</li> <li>Use block 7 as an indicator in the overall Risk Assessment to determine if further evaluation is</li> </ol>
4. Attribute/Intent		should have been approved like the other 4 test metrics were for consistency purposes.	<ol> <li>Ose note, 'as an indicator in the overall Asia Assessment to betermine it include evaluation is warranted.</li> </ol>
5. Test Definition 9. Assumptions	×		
6. Test Metric			
v4.0		v4.0	v4.0

**Example of DECM Test Metric to Submit for v5.0 to be Published in Dec 2021** 



### Supplemental Outputs to a Published DECM Test Metric Version

#### **DECM Test Metric New Version Published – Supplemental Outputs**

- After a new version of the DCMA DECM Test Metrics gets published on the DCMA public website the following supplemental outputs are provided to our committee members:
  - DCMA Test Metrics Summary of Changes and Statistics
  - Comparison Report between New and Previous Version of DECM Test Metrics
  - Enhanced DCMA DECM Excel Tracker with added columns of individual changes and a added column to this Excel indicating which test metrics are sample data based

**DECM Test Metric New Version Published – Supplemental Outputs** 

Version 3.5 / 3.5.1 Test Metric Change Summ							
Version 3.4 Metric Count	141						
Less Version 3.5 / 3.5.1 Deleted Test Metrics	-3						
Add New Version 3.5 / 3.5.1 Test Metrics	0						
Total Version 3.5 / 3.5.1 Test Metrics	138						
Changed Version 3.5 / 3.5.1 Test Metrics	78						
No Change Version 3.5 / 3.5.1 Test Metrics	60						
Total Version 3.6 Test Metrics							
Version 3.5 / 3.5.1 EVMS Focus Area Count	s						
Organization	18						
Planning, Scheduling, & Budgeting	54						
Accounting	22						
Analysis & Management Reporting	22						
Revisions & Data Maintenance	22						
Total Test Metrics							

Version 3.5 / 3.5.1 Chan	ge Count Details
Assumptions	68
Instructions	38
Test Step	8
Step Metric	1
Test Type	1
Threshold	1
Attributes	1
Test Metric	27
Data Element	18
Total Changes	163

**Supplemental Output -- Summary of Changes & Statistics** 

#### **DECM Test Metric New Version Published – Supplemental Outputs**



	Com	npare Re	esults	5. Attribute: 03A1: The p with each oth (CWBS) and total contract	No: )3 lanning, schedul er via a common the Organization	EVMS Test Metric 2. Unique Test Metric ID: 03A103a ing, budgeting, work authoriza coding structure and, as appro al Breakdown Structure (OBS)	3. Test Type: Manual tion and cost accumulatio priate, with the Contract V	Vork Breakdown Structure
Old File: Combine DECM Test Metrics 13 Metrics.pdf 292 pages (2.94 MB) 11/6/2020 2:09:28 PM		versus	New File: Combine DECM Test Metrics 138 v3.6.1 All Count.pdf 291 pages (3.14 MB) 11/6/2020 2:12:29 PM	6. Test Step:         Do the forecast start and finish dates in the subcontractor IMS reconcile to the prime IMS?         7. Test Metric:         X = Count of sampled incomplete tasks/activities & milestones in the subcontractor IMS with a forecast start/finish date that cannot be reconciled to the forecast start start/finish date in the prime IMS?         Y = Total count of sampled incomplete subcontractor tasks/activities & milestones in the prime Contractor IMS         Y = Total count of sampled incomplete subcontractor tasks/activities & milestones in the prime Contractor IMS         9. UN/CEFACT Required DEI(s)         10. Data Elements Required:         11 Integrated Master Schedule (IMS)         11W Forecast Start Date         1237 Subcontractor Schedule         370 Forecast Start Date         37D Forecast Start Date         37D Forecast Start Date         37. Ext metric is based on a sample of incomplete tasks/activities & milestones.				
Total Changes 6000	Content 382 209 18	Replacements Insertions Deletions	Styling and Annotations O Styling O Annotations	2. With Chois popu 3. Inco 4. The only 12. Instruction 1. Filte 2. At th conth IMS 3. Revi tasks 4. If a d tasks calcu 5. Calc	threshold > 0, ti en sampling met lation instead of mplete WP/PP ex- count is perform count as a single ms: r the prime contr stomes. The coun- e level commen- rator IMS, revie elements for the ew the prime con- /activities & mil- listreparcy entist /activities & mil- lation. ulate the test met result is within or Code	he MIL-STD-1916 and ANSI/ hodology must be explained. V sampling, juals at least one task/activity ( ed at the task/activity & milest	ASQ 21.4 Zero Based San When appropriate, it is acc or milestone without an ac ones level, and each task/s of incomplete subcontrac ilestones is the denominat contractor tasks/activities at finish dates for the corre dentified. cast start and forecast fini schedule can be reconcile and prime contractor data, is number is the numerato	eptable to test the entire tual finish date in the IMS. activity & milestones can tor thisks/activities & compared by the test metric. & milestones in the prime responding subcontractor ish dates of corresponding ad. document the number of

**Supplemental Output – Comparison Report** 

**DECM Test Metric New Version Published – Supplemental Outputs** 



etrics	- pur	pose is to	show the	e cui	rren	t lis	t of n	netri	cs th	nat h	ave	been	appro	ved for u	ise by the DCMA EVMS Center Configu	ration Control Board (CCB)	
que Test etric ID	GL	Changed? (JUL 20 CCB)	Changed? (Oct 20 CCB)	11. Assumptions	12. Instruction	6. Test Step	<ul> <li>3. Test Type</li> <li>e Throughold</li> </ul>	<ul> <li>5. Attribute</li> </ul>	7. Test Metric	19. Data Element	Sam	Attribute ID	Current Metric Revision	Test Metric Rev Date	Test Step	Test Metric Numerator (X)	
A101g	03										X	03A1	v3.6	29-Jul-20	Is control account data traceable between system artifacts including schedule, cost data, and work authorization documents? • Do the CA baseline dates align between the WAD and the EV cost tool?	X = Count of sampled incomplete CAs with baseline start and baseline finish dates outside the WAD POP in the EV cost tool	Y = too
A101h	03		Y	X								03A1	v3.6.1	2-Nov-20	Is control account data traceable between the system artifacts including schedule, cost data, and work authorization documents? • Does the OBS align between the IMS and EV Cost Tool?	X = Count of incomplete CAs where IMS OBS does not match EV Cost Tool OBS, or there are more than one IMS OBS assigned, or no IMS OBS assigned.	Y =
A101i	03		Y	X	X							03A1	v3.6.1	2-Nov-20	Is control account data traceable between system artifacts including schedule, cost data, and work authorization documents? • Does the WBS align between the IMS and EV Cost Tool?	X = Count of incomplete CAs where IMS WBS does not match EV Cost Tool WBS, or there are more than one IMS WBS assigned, or no IMS WBS assigned.	. <b>Υ</b> =
A102a	03	Ŷ							X		X	03A1	v3.6	29-Jul-20	Is subcontractor data aligned with and traceable through the prime system? • Do the subcontractor EVM data elements reconcile to the prime EV cost tool?	X = The sampled BAC value of the open subcontractor CAs where a data element (BCWP, BCWS, ACWP, BAC) from the subcontractor's IPMR/CPR cannot be reconciled to the prime EV cost tool	Y =
A103a	03		Y	X	X					X	X	03A1	v3.6.1	2-Nov-20	Do the forecast start and finish dates in the subcontractor IMS reconcile to the prime IMS?	X = Count of sampled incomplete tasks/activities & milestones in the subcontractor IMS with a forecast start/finish date that cannot be reconciled to the forecast start/finish date in the prime IMS	Y = tas
A103b	03	Y	Y	X	X				X	Х	X	03A1	v3.6.1	2-Nov-20	Do the baseline start and finish dates in the subcontractor IMS reconcile to the prime IMS?	X = Count of Sampled incomplete tasks/activities & milestones in the subcontractor IMS with a baseline	γ: ta:
A103b MS Metrics																reconcile to the prime IMS?	03       Y       Y       X       X       X       X       X       V       O3A1       v3.6.1       2-Nov-20       Do the baseline start and finish dates in the subcontractor IMS       X = Count of Sampled incomplete tasks/activities & milestones in the subcontractor IMS with a baseline

#### Supplemental Output – Enhanced DCMA DECM Excel Tracker



## Upcoming DCMA CCB for DECM Test Metrics v5.0

### **NDIA IPMD Health Metrics Committee** October 2021 DCMA CCB – Meeting Schedule



- 8/12/2021 October 2021 CCB Kickoff Meeting
- 8/26/2021 Industry Submit Ideas or Submit Metric Change Proposals
- 9/9/2021 Industry Submit Ideas or Submit Metric Change Proposals Cancelled Meeting
- 9/23/2021 Industry Submit Ideas or Submit Metric Change Proposals
- 10/7/2021 Final Session of Industry Submit Ideas or Submit Metric Change Proposals
- 10/11/2021 Submit NDIA IPMD DECM Change Proposals to DCMA
- Week of 10/25/2021 October 2021 DCMA CCB



October 2021 DCMA CCB – NDIA IPMD DECM Test Metric Proposal Changes

Here is a list of DECM Test Metric Proposal Changes in queue and areas to consider:

- 06A505a & 06A505b should be redlined to include Summary tasks/activities are not included in Assumption block of Test Metric Specification
- **06A506c** should be further clarified on test definition & test metric to align better
- **06A211a** NDIA IPMD Planning & Scheduling Committee thought Total Float referenced in Test Metric block should be Hight Float to be consistent with Attribute/Intent Definition block.

EVMS Test Metric Specification									
1. Guideline No:	2. Unique Test Metric ID:	3. Test Type:	4. RESERVED						
06	06A211a	Manual							
	MS depicts the sequence of wor hat are indicative of the actual w ion acceptable?								
7. Test Metric:	•		8. Metric Threshold:						
$X = Count of total float Non-LOE tasks/activities & milestones sampled with inadequate rationale X/Y \leq 20\%$									
Y = Total count of total float Non-LOE tasks/activities & milestones sampled 9. UN/CEFACT Required DEI(s)									

10 Data Flaments Required.

- 06A401a NDIA IPMD Critical Path group worked with DCMA on a review process where DCMA will review the critical path methodology (CPM) process applied on a contractor's project is valid and compliant using the contractor's System Description and/or company's policies/procedures. If compliant, DCMA will use the contractor's CPM process to test the CPM results.
- **16A301a** Change test metric calculation to move from counts to data materiality (SUM)
- Revisit any prior DECM Test Metric Proposal Change submittals that committee feels should have been approved or new DECM Test Metric Proposal change recommendations surfaced at company surveillance review audits



Recap of Past DCMA CCBs (v3.1 through v4.0) When DECM Test Metrics Were Used on Pilot and Surveillance Reviews

Recap of Past CCBs Supported by NDIA IPMD Committee (v3.6 through v4.0)

## NDIA IPMD Health Metrics Committee Past DCMA CCBs (Version 3.1 through Version 4.0)



	DECM v3.1	DECM v3.2	DECM v3.3	DECM v3.4	DECM v3.5/3.5.1	DECM v3.6/3.6.1	DECM v4.0
EVMS Focus Area	Test Metric Count						
Organizing	18	18	18	18	10	18	10
Organizing	18	18	18	18	18	18	18
Planning, Scheduling, and Budgeting	52	55	58	56	54	54	53
Accounting	20	22	22	22	22	22	22
Analysis and Management Reporting	20	22	23	23	22	23	23
Revisions and Data Maintenance	21	22	22	22	22	26	26
Grand Total	131	139	143	141	138	143	142
Change from Version 3.1		8	12	10	7	12	11
Change from Version 3.2			4	2	-1	4	3
Change from Version 3.3				-2	-5	0	-1
Change from Version 3.4					-3	2	1
Change from Version 3.5/3.5.1						5	4
Change from Version 3.6/3.6.1							-1

#### DCMA CCB's Supported by Committee



	Version 3.6	Version 3.6.1	Version 4.0
	DCMA CCB	DCMA CCB	DCMA CCB
Test Metrics & Test Metric Document Changes	July 2020	October 2020	January 2021
Previous Test Metric Version Metric Count	138	143	143
Changed New Version Test Metric Documents	33	24	142
Unchanged New Version Test Metric Documents	105	119	0
Added New Version Test Metric Documents	5	0	0
Deleted New Version Test Metric Documents	0	0	-1
New Test Metric Version Metric Count	143	143	142
	Version 3.6	Version 3.6.1	Version 4.0
	DCMA CCB	DCMA CCB	DCMA CCB
Test Metric Document Block Changes	July 2020	October 2020	January 2021
Assumptions	22	21	86
Instructions	14	16	141
Test Step ==> Test Definition	2	6	17
Test Type	0	0	2
Threshold	0	0	1
Attribute ==> Attribute/Intent Definition	0	0	7
Test Metric	11	7	27
Data Elements Required	8	13	111
Total Metric Block Changes	57	63	392

DCMA CCB v4.0 Had an EVMS Metric Specification Template Change

NDIA IPMD DECM Committee Did Not Submit Any DECM Test Metric Change Proposals and Was Working on a Test Metric Prioritization Study for DCMA ... Only Recorded the Change Information from that "Out of Sequence" CCB

## NDIA IPMD Health Metrics Committee DCMA CCB's Supported by Committee



	Version 3.6	Version 3.6.1	Version 4.0
	DCMA CCB	DCMA CCB	DCMA CCB
NDIA IPMD Test Metric Proposal Changes	July 2020	October 2020	January 2021
Submitted Test Metric Change Proposals	36	0	14
Withdrawn Test Metric Change Proposals	-1	0	0
Disapproved Test Metric Change Proposals	-1	0	0
Approved Test Metric Change Proposals Sent to DCMA	34	0	14
Fully Approved NDIA IPMD Test Metric Change Proposals	7	0	1
Partially Approved NDIA IPMD Test Metric Change Proposals	2	0	6
Not Approved NDIA IPMD Test Metric Change Proposals	25	0	4
Test Metric Deleted in DCMA CCB	0	0	1
Not Approved that Should Have Been Partially Approved	0	0	2
Total NDIA IPMD Test Metric Change Proposals Submitted to DCMA CCB	34	0	14

DCMA CCB for v3.6.1 was a an "Out of Sequence" CCB established to catch oversights made by DCMA in v3.6



### Committee Support for DECM Test Metrics v4.0 – January 2021 DCMA CCB

## NDIA IPMD Health Metrics Committee January 2021 DCMA CCB



- Held 4 Committee Meetings, 4 DCMA Meetings, 2 One on One Meetings with Individual Companies, and 4 Committee Leadership meetings to Support the January 2021 DCMA CCB
- 14 DECM Test Metric Change Proposals to Submit to DCMA CCB (1 Sponsored by DCMA)
  - 2 Recommended Deletions
  - 0 Recommended Changes to Metric Threshold
  - 2 Recommended Changes to Test Metric criteria that impacts Test Metric Result
  - 12 Test Metric Changes that provide Clarification
- 14 Changes to DECM Test Metric Documents
  - 2 Deletions
  - 0 Attribute Change
  - 0 Test Step Changes
  - 2 Test Metric Changes
  - 0 Metric Threshold Changes
  - 2 Data Element Required Changes
  - 11 Changes to Assumptions
  - 4 Changes to Instructions
- Submitted NDIA IPMD DECM Test Metric Change Proposals to DCMA on Tuesday, 1/5/2021
- DCMA CCB is scheduled from Tuesday, 1/19/2021 through Thursday, 1/21/2021
- DECM Test Metric Version 4.0 was published on 3/5/2021

### NDIA IPMD Health Metrics Committee January 2021 DCMA CCB



#### January 2021 DCMA CCB NDIA IPMD DECM Test Metric Change Proposals

			Metric	e	e	<u>e</u> .	tic	멸	ment	tions	ioi
Revision DECM Metric			Delete Test Metric	03. Test Type	05. Attribute	06. TestStep ∢	07. Test Metric	08. Threshold	10. Data Element	11. Assumptions	12. Instruction
Chg ID 🗸	Test Metric I 🖓	Test Metric Description	ā -	- <del>6</del>	- <del>1</del> 0		- CO -	<b>8</b> -	H -	귀조	- <b>H</b> -
		Control Account baseline dates align									
CCB012021-01	03A101g	between the WAD and the EV cost tool Forecast start and finish dates in the	×								
		subcontractor IMS reconcile to the									
CCB012021 12	03A103a	prime IMS							×	×	
CCB012021-12	USAIUSa	Baseline start and finish dates in the							<u>^</u>	~	
CCB012021_12	0241025	subcontractor IMS reconcile to prime							<b>_</b>	~	
CCB012021-13	03A103b	IMS							×	×	
CCB012021-02	06A204b	Dangling logic in the IMS								×	
		Checks whether task/activities or									
		milestones have baseline start and									
CCB012021-03	06A501a	finish dates								×	
		Actual start dates changed after first									
CCB012021-04	06A504a	reported								×	
		Actual finish dates changed after first									
CCB012021-05	06A504b	reported								×	
		Progress task tasks/activities and									
CCB012021-06	06A505a	milestones have actual start dates								x	
		Completed task/activities and									
CCB012021-07	06A505b	milestones with no actual finish date								x	
		Checks whether authorization date is									
CCB012021-08	09A101a	prior to budgeted baseline start	×								
		Validates each work package/planning									
CCB012021-09	10A109b	package have an assigned budget					×			×	×
		Material segregated from other non									
		material elements of costs within work									
CCB012021-10	10A202a	packages								x	×
		Checks for changes to open work									
CCB012021-11	29A401a	packages									X
		Baseline dates being updated to mask									
CCB012021-14	291401a	legitimate variances					×			×	×

## NDIA IPMD Health Metrics Committee DECM Test Metrics v4.0 Impact Changes



- Revised EVMS Test Metric Specification Template was implemented in DECM Test Metrics v4.0
- Naming convention of DECM Test Versions have changed to increment by +1.0 for each yearly scheduled DCMA CCB and any "Out of Sequence" CCBs will be +1.X now
- Total Count of Test Metrics is now 142 with 1 Delete (10A202a) & No Additions
- Test Metric 10A201a got changed to focus on co-mingling of EOC to cover intent of deleted 10A202a and cover removed scope from 10A105a that verifies QBD on how performance is defined for material
- Distinction was made between discrete and LOE work packages when determining if they are complete
  - Discrete WPs: If BAC and BCWPCUM are within \$100 (or 1 hour); then WP is complete
  - LOE WPS: If BAC and BCWPCUM are within \$100 (or 1 hour) and ETC is less than \$100, then WP is complete
- Test Metric 29I401a got changed back from a project level type test metric to a sample type test metric
- Data Elements Required to support a Review got a more complete list of artifacts
  - IMS Data Dictionary is required when IMS is requested on a metric
  - Cost Data Dictionary is required when EV Cost Tool data is requested on a metric
  - Other artifacts were added on some of the test metrics

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## NDIA IPMD Health Metrics Committee DECM Test Metrics v4.0 Universal Changes



 EVMS Test Metric Specification template changed by removing all unused blocks from the v3.6 template being Blocks 4, 9, 13, and 14 and re-numbering the Blocks that stayed in the v4.0 template

EVMS Test Metric Specification Template										
Old Block No.	Old Block Description	New Block No.	New Block Description							
1	Guideline No.	1	Guideline No.							
2	Unique Test Metric ID	2	Unique Test Metric ID							
3	Test Type	3	Test Type							
4	RESERVED	4	Attribute/Intent Definition							
5	Attribute	5	Test Definition							
6	Test Step	6	Test Metric							
7	Test Metric	7	Metric Threshold							
8	Metric Threshold	8	Data Element Required							
9	UN/CEFACT Required DEI(s)	9	Assumptions							
10	Data Element Required	10	Instructions							
11	Assumptions	11	Configuration Summary							
12	Instructions									
13	Numerator Code									
14	Denominator Code									
15	Configuration Summary									
	DCMA Test Metric Te	mplate Block (	Changes							
	is or Blocks from Template	<i>/ I I I I</i>	1 N							
	cks to get rid of unused block deleti		above)							
	te block to Attribute/Intent Definitio	on								
4. Renamed Test Ste	•									
5. Deleted RESERVE										
	CT Required DEI(s) block'									
7. Deleted Numerat										
8. Deleted Denomin	ator Code									

## NDIA IPMD Health Metrics Committee DECM Test Metrics v4.0 Universal Changes



- Pass/Fail verbiage was changed on all DECM Test Metrics
  - Pass was changed to In Tolerance
  - Fail was changed to Out of Tolerance
  - Majority of Test Metric Instructions changed on evaluating the Metric Threshold (Box 7) where risk assessment is used to determine if further evaluation is warranted or not
- Some common phrases used in the v3.6.1 EVMS Test Metric Specifications got changed in v4.0 EVMS Test Metric Specification for consistency purposes
  - Changed subcontractor to subcontractor/supplier
  - Changed EV cost tool data to EV Cost Tool data (in some cases data was not referenced)
  - Changed WPs, PPs, SLPPs to WPs/PPs/SLPPs and missing ones would be added
  - Changed tasks/activities to tasks/activities & milestones
  - Changed discrepancy to deficiency to be consistent with all other Contractor Business System Review terminology

### NDIA IPMD Health Metrics Committee NDIA IPMD DECM Test Metric v4.0 Submittal Results



																Statu	IS			
DCMA CCB Supporting	Date Submitted to DECM Committee	Revision DECM Metric	Test Metric ID	Test Metric Description	Delete Test Metric	03. Test Type	05. Attribute	06. Test Step	07. Test Metric	08. Threshold ∢	10. Data Element	11. Assumptions	12. Instruction	Date Received By Committee	<pre>ithdrawn</pre>	t Approved		Approval Date 🛩	DCMA Submitted Date 🗣	NDIA IPMD's Assessment of DCMA Approval Outcome
January 2021	11/18/2020	CCB012021-01	03A101g	Control Account baseline dates align between the WAD and the EV cost tool	×									11/18/2020		,		12/3/2020	1/5/2021	Not Approved
January 2021	12/1/2020	CCB012021-12	03A103a	Forecast start and finish dates in the subcontractor IMS reconcile to the prime IMS Baseline start and finish dates in the							x	x		12/1/2020		,		12/17/2020	1/5/2021	Partially approved Data Element Required Recommendations Did not approve DFARS clause flow down requirement as inclusion on major subcontractors Partially approved Data Element Required Recommendations Did not approve DFARS clause flow down
January 2021	12/1/2020	CCB012021-13	03A103b	subcontractor IMS reconcile to prime							×	×		12/1/2020		Í		12/17/2020		requirement as inclusion on major subcontractors
January 2021	11/20/2020	CCB012021-02	06A204b	Dangling logic in the IMS							~	x		11/20/2020		,		12/3/2020		Partially Approved Added statement of Summary tasks/activities are not included
January 2021	11/20/2020	CCB012021-03	06A501a	milestones have baseline start and finish dates								x		11/20/2020		>	:	12/3/2020	1/5/2021	Partially Approved Added statement of Summary tasks/activities are not included
January 2021	11/20/2020	CCB012021-04	06A504a	Actual start dates changed after first reported								x		11/20/2020		>		12/3/2020	1/5/2021	Partially Approved Added statement of Summary tasks/activities are not included
January 2021	11/20/2020	CCB012021-05	06A504b	Actual finish dates changed after first reported								x		11/20/2020		>	:	12/3/2020	1/5/2021	Partially Approved Added statement of Summary tasks/activities are not included
January 2021	11/20/2020	CCB012021-06	06A505a	Progress task tasks/activities and milestones have actual start dates								×		11/20/2020		>	;	12/3/2020	1/5/2021	Clarification from DCMA this test metric should have had the same outcome as 06A204b, 06A501a, 06A504a, and 06A504b. Those changes will be incorporated into the next CCB.
January 2021	11/20/2020	CCB012021-07	06A505b	Completed task/activities and milestones with no actual finish date								x		11/20/2020		>		12/3/2020	1/5/2021	Clarification from DCMA this test metric should have had the same outcome as 06A204b, 06A501a, 06A504a, and 06A504b. Those changes will be incorporated into the next CCB.
January 2021	11/18/2020	CCB012021-08	09A101a	Checks whether authorization date is prior to budgeted baseline start	x									11/18/2020		)		12/3/2020		Not Approved
January 2021	12/1/2020	CCB012021-09	10A109b	Validates each work package/planning package have an assigned budget Material segregated from other non					x			x	x	12/1/2020		,	:	12/3/2020		Not Approved
January 2021	12/1/2020	CCB012021-10	10A202a	material elements of costs within work packages Checks for changes to open work								x	x	12/1/2020		,	:	12/3/2020	1/5/2021	DCMA deleted this metric in v4.0
January 2021	12/1/2020	CCB012021-11	29A401a	packages Baseline dates being updated to mask									×	12/1/2020		>	-	12/17/2020		Not Approved
	12/1/2020	CCB012021-14	29I401a	legitimate variances					X			X	Х	12/1/2020	X			12/17/2020	1/5/2021	Fully Approved

#### DECM Test Metric Proposal Submittal Results Summary

		ite sainiary
Result	Count	% of Total
Fully Approved	1	7%
Partially Approved	6	43%
Not Approved	4	29%
Test Metric Deleted in v4.0	1	7%
Partially Approved Next CCB	2	14%
Total Submitted	14	100%

9/22/2021



Version 4.0 Test Metric Change S	Summary
Version 3.6.1 Metric Count	143
Less Version 4.0 Deleted Test Metrics	-1
Add Version 4.0 New Test Metrics	0
Total Version 4.0 Test Metrics	142
Changed Version 4.0 Test Metrics	142
No Change Version 4.0 Test Metrics	0
Add Version 4.0 New Test Metrics	0
Total Version 4.0 Test Metrics	142
Version 4.0 EVMS Focus Area Co	unts
Version 4.0 EVMS Focus Area Co Organization	unts 18
Organization	18
Organization Planning, Scheduling, & Budgeting	18 53
Organization Planning, Scheduling, & Budgeting Accounting	18 53 22
Organization Planning, Scheduling, & Budgeting Accounting Analysis & Management Reporting	18 53 22 23

Version 4.0 Test Metric Change Summary					
Assumptions	86				
Attribute/Intent	7				
Data Element Required	111				
Instructions	141				
Test Definition	17				
Test Metric	27				
Test Type	2				
Threshold	1				
Total Changes	392				



# **NDIA IPMD Health Metrics Committee**

#### Committee Support for DECM Test Metrics v3.6 – July 2020 DCMA CCB

Committee Support for DECM Test Metrics 3.6.1 – October 2020 CCB



#### July 2020 DCMA CCB Results from DECM Test Metric Proposals Submitted

- Held 5 Committee Meetings, 4 DCMA Meetings, 5 One on One Meetings with Individual Companies, and 16 Committee Leadership meetings to Support the July 2020 DCMA CCB
- 34 DECM Test Metric Change Proposals to Submit to DCMA CCB
  - 7 Recommended Deletions
  - 3 Recommended Changes to Metric Threshold
  - 6 Recommended Other Changes to Test Metric criteria that impacts Test Metric Result
  - 16 Test Metric Changes with a Priority (8 High, 4 Medium, & 4 Low)
  - 18 Test Metric Changes that provide Clarification
  - 03A103b and 16A502a each had 2 Test Metric Change Proposals
- 32 Changes to DECM Test Metric Documents
  - 7 Deletions
  - 1 Attribute Change
  - 2 Test Step Changes
  - 10 Test Metric Changes
  - 3 Metric Threshold Changes
  - 4 Data Element Required Changes
  - 8 Changes to Assumptions
  - 17 Changes to Instructions
- 9 Changes were either Fully Approved or Partially Approved (26.5% Approval Rating)
  - 7 Changes got approval that provided Clarification and were the Fully Approved Changes
  - 2 Changes got approved that were defined as a Priority and were Partially Approved Changes
  - 0 Test Metric Deletions got Approved (Submitted 7)
  - 0 Test Metric Threshold Changes got Approved (Submitted 3)



Version 3.6 Test Metric Change Summary							
Version 3.5 / 3.5.1 Metric Count							
Less Version 3.6 Deleted Test Metrics	0						
Add New Version 3.6 Test Metrics	5						
Total Version 3.6 Test Metrics	143						
Changed Version 3.6 Test Metrics	33						
No Change Version 3.6 Test Metrics	105						
Add New Version 3.6 Test Metrics	5						
Total Version 3.6 Test Metrics	143						
Version 3.6 EVMS Focus Area Cour	nts						
Organization	18						
Planning, Scheduling, & Budgeting	54						
Accounting	22						
Analysis & Management Reporting	23						
Revisions & Data Maintenance	26						
Total Test Metrics							

Version 3.6 Change Cou	nt Details
Assumptions	22
Attributes	0
Data Element	8
Instructions	14
Test Metric	11
Test Step	2
Test Type	0
Threshold	0
Total Changes	57



#### July 2020 DCMA CCB NDIA IPMD DECM Test Metric Change Proposals

Summer         Summer<								Pr	iority	and Te	est Me	tric Ch	nange	Туре					
July 200 CMA CS         6/24/200         C007/200-16-0         0A102*         Transitis through Prime years         X         X         L         4/24/200         6/22/200         7/20/200           huby 200 CMA CC         4/28/200         C007/200-16-0         C007/2	Submitting Compan -				Test Metric I 🗐		Priority -	Delete Test Metric	03. Test Type ↓	05. Attribute	06. Test Step	07. Test Metric	08. Threshold ↓	2	11. Assumptions	12. Instruction ↓			Submitted
phy 2020 CMA CG         4/18/2020         CG87/2020 01A         GLADD         Multicentrat UBA light to Prime- A         X        X         X         X        <		July 2020 DCMA CCB	6/24/2020	CCB072020-16-B	03A102a							×					6/24/2020	6/25/2020	7/10/2020
bits         2000 DCMA.CCB         4/2/2020 01-A         00.1000         Multicent of the Margine to Prime- Margine Data         x <td></td> <td>2020 00000 0000</td> <td>0/24/2020</td> <td>000072020 10 0</td> <td>0041020</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>~</td> <td></td> <td></td> <td></td> <td></td> <td>0,24,2020</td> <td>0,20,2020</td> <td>1/10/2020</td>		2020 00000 0000	0/24/2020	000072020 10 0	0041020							~					0,24,2020	0,20,2020	1/10/2020
July 200 DMA.CGB         4/2/2000         Celebrates IMA Aligns to Prime- biology 200 DMA.CGB         V         X         X         X         X         K		July 2020 DCMA CCB	4/28/2020	CCB072020-01-A	03A103a		×	×									4/28/2020	5/28/2020	7/10/2020
Huy 200 DCMA CCB         G/2/2000         CCB72000-16-0         OAADBB         Busching Dates         Image			. (22 (2222														. /	= /== /====	
Inty 2020 DMA CCB         6/2/1/2020         CCB072200-10         DeAlorBs         Realing Data         K		JULY 2020 DEMA CCB	4/28/2020	ССВ072020-01-В	03A103b	Baseline Dates	×	×									4/28/2020	5/28/2020	//10/2020
Inity 2000 DCMA CCB         0/11/2000         CCB072200-12         0684.008         Summary Tasks with logic         I <th< td=""><td></td><td></td><td>- 4 4</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>- 4 4</td><td></td><td></td></th<>			- 4 4														- 4 4		
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Linky 2020 DCAA CCB         5/28/2020         CEB072200-07         084.001         Lubson text M3 Aligns to Prime- lawing 2020 DCAA CCB         X         X         X         X         X         D         Align 2020         CAB722000         Align 2020         Classing 1000000000000000000000000000000000000		July 2020 DCMA CCB	5/26/2020	CCB072020-06	06A212a		×						×				5/26/2020	5/28/2020	7/10/2020
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July 2020 DCMA CCB         5/28/2020         CGB7020-04         10A103e         BCWP is Consistent with Budgeted EVI         X         X         X         5/28/2020         5/28/2020         7/10/2020           July 2020 DCMA CCB         6/24/2020         CCB07020-19-B         16A501         BCWPur Without BCWPur         Image Partial							×				×		×	×	×				
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Inty 2020 DCMA CCB         6/24/2020         CEG07202-13-A         104.0010         ACWP/BCW Recreted in Same Period:         Image: Celor 2020-13-C         No. 2020		Duly 2020 DEMA CCB	3/26/2020	CCB072020-04	104103a		^					^			<u> </u>	^	5/28/2020	3/28/2020	//10/2020
July 2020 DCMA CCB         6/24/2020         CCB072020-19-0         136A5010         BCWPcur Without ACWPcur         Image: Comparison of the		July 2020 DCMA CCB	6/24/2020	CCB072020-19-A	16A501a											×	6/24/2020	6/25/2020	7/10/2020
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July 2020 DCMA CCB         6/24/2020         CCB072020-19-C         10ASDIE         A CWPSCUM Without BCWPSCUM         Image: Comparison of the comparison of th		July 2020 DCMA CCB	6/24/2020	CCB072020-19-B	16A501b											×	6/24/2020	6/25/2020	7/10/2020
July 2020 DCMA CCB         6/24/2020         CCB07200-19-D         IACWP/IRCVP Recorded in Same Period- BCVPcm Without ACWPcum         IC		July 2020 DCMA CCB	6/24/2020	CCB072020-19-C	16A501c											×	6/24/2020	6/25/2020	7/10/2020
July 2020 DCMA CCB       6/23/2020       CCB07202-0:7       I aba302a       ACWPeur on Completed WPs       x																			
july 2020 DCMA CCB       6/24/2020       CCB07020-09-A       13A02a       ACWPeur on completed WPs              6/23/2020       6/23/2020       6/23/2020       6/13/2020       7/10/2020         july 2020 DCMA CCB       6/24/2020       CCB07202-0-0.E       21A301a       Work       Work             6/24/2020       6/23/2020       7/10/2020         july 2020 DCMA CCB       6/24/2020       CCB07202-0-0.A       21A302b       Period              6/24/2020       6/23/2020       7/10/2020         july 2020 DCMA CCB       6/24/2020       CCB07202-0-C       21A302b       Material BCWP, No BCWP for Cum ro             6/23/2020       7/10/2020																			
July 2020 DCMA CCB         6/8/2020         CCB072020-09-A         17A101a         ACWPCur Sums Up thru WBS         X         X         Image: CCB Control of the control of th							×					×							
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July 2020 DCMA CC8         6/24/2020         CC807202-0.0         21A3024         Period         C        C         C        C<		July 2020 DCMA CCB	6/24/2020	CCB072020-20-E	21A301a											×	6/24/2020	6/25/2020	7/10/2020
July 2020 DCMA CCB         6/24/2020         CCB072022-0:B         21A302b         Period         Material BCWP, No ACWP for Current         Material BCWP, No ACWP for Current         Material ACWP, No BCWP for Cum To         Material BCWP, No ACWP for Cum To		July 2020 DCMA CCB	6/24/2020	CCB072020-20-A	21A302a											×	6/24/2020	6/25/2020	7/10/2020
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july 2020 DCMA CC8         6/24/2020         CCB07202-02-         21A302d         Date         C        C        C        C <td></td> <td>July 2020 DCMA CCB</td> <td>6/24/2020</td> <td>CCB072020-20-B</td> <td>21A302b</td> <td></td> <td>×</td> <td>6/24/2020</td> <td>6/25/2020</td> <td>7/10/2020</td>		July 2020 DCMA CCB	6/24/2020	CCB072020-20-B	21A302b											×	6/24/2020	6/25/2020	7/10/2020
$ \begin{bmatrix} 1 \\ 1 \\ 1 \\ 1 \\ 2 \\ 2 \\ 2 \\ 2 \\ 2 \\ 2 \\$		Indu 2020 DCMA CCR	6 (24 (2020	CC8072020 20 C	2142025											~	6/24/2020	e / 25 / 2020	7/10/2020
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July 2020 DCMA CCB         6/B/2020         CCB072020-10-B         25A102a         EV Performance Data Sums Up thru OBS         x         x         x         x         x         e(11/2020		July 2020 DCMA CCB	6/24/2020	CCB072020-20-D	21A302d											×	6/24/2020	6/25/2020	7/10/2020
July 2020 DCMA CCB         6/B/2020         CCB072020-10-B         25A102a         EV Performance Data Sums Up thru OBS         x         x         x         x         x         e(11/2020			- (- (														= /a /a = a =	- ( (	7/10/2020
July 2020 DCMA CCB         5/26/2020         CCB07202-01-A         27A104b         ETCs Generated on Completed WPs  <		July 2020 DCMA CCB	6/8/2020	CCB072020-09-B	25A101a	EV Performance Data Sums Up thru WBS	×					×		×	×		6/8/2020	6/11/2020	7/10/2020
July 2020 DCMA CC8         6/10/2020         CCB072020-11-8         29A201a         Format 1 MR Equals Budget Log MR         X		July 2020 DCMA CCB	6/8/2020	CCB072020-10-B	25A102a	EV Performance Data Sums Up thru OBS	×					×		×	×		6/11/2020	6/11/2020	7/10/2020
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July 2020 DCMA CC8         5/26/2020         CCB072020-DS-A         29A202         MR and UB Transactions Are Appropriate         X         X         Image: Comparise of the transactions are appropriate         X         X         Image: Comparise of the transactions are appropriate         X         X         Image: Comparise of the transactions are appropriate         X         X         Image: Comparise of the transactions are appropriate         X         X         Image: Comparise of the transactions are appropriate         X         X         Image: Comparise of the transactions are appropriate         X         X         Image: Comparise of the transactions are appropriate         X         X         Image: Comparise of the transactions are appropriate         X         X         Image: Comparise of the transactions are appropriate         X         X         Image: Comparise of the transactions are appropriate         X         X         Image: Comparise of the transactions are appropriate         X         X         Image: Comparise of the transactions are appropriate         X         X         Image: Comparise of the transactions are appropriate         X         X         Image: Comparise of the transactions are appropriate         X         X         Image: Comparise of the transactions are appropriate         X         X         Image: Comparise of the transactions are appropriate         X         X         Image: Comparise of the transactions are appropriate         X										×	×	×		×	×	×			
July 2020 DCMA CCB         5/26/2020         CCB072020-05-B         29A203a         MR and UB Transactions Are Appropriate         X         X         Image: Comparise of the transactions are appropriate         X         X         Image: Comparise of the transactions are appropriate         X         X         Image: Comparise of the transactions are appropriate         X         X         Image: Comparise of the transactions are appropriate         X         X         Image: Comparise of the transactions are appropriate         X         X         Image: Comparise of the transactions are appropriate         X         X         Image: Comparise of the transactions are appropriate         X         X         Image: Comparise of the transactions are appropriate         X         X         Image: Comparise of the transactions are appropriate         X         X         Image: Comparise of the transactions are appropriate         X         X         Image: Comparise of the transactions are appropriate         X         X         Image: Comparise of the transactions are appropriate         X         X         Image: Comparise of the transactions are appropriate         X         X         Image: Comparise of the transactions are appropriate         X         X         X         X         X         X         X         X         X         X         X         X         X         X         X         X         X         X																			
July 2020 DCMA CCB         6/23/2020         CCB072020-15         29A401a         BAC Change on started WP         X         X         X         K         6/23/2020         6/25/2020         7/10/2020           July 2020 DCMA CCB         6/18/2020         CCB072020-13         29A601a         Rolling Wave / Freeze Period         X         X         X         K         6/18/2020         6/25/2020         7/10/2020           July 2020 DCMA CCB         6/18/2020         CCB072020-13         29A601a         Rolling Wave / Freeze Period         X         X         X         6/18/2020         6/25/2020         7/10/2020           Mission Comparise Jatest authorized         Image: Comparise Jatest authorized <td></td> <td>-,,</td> <td></td> <td></td>																	-,,		
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		July 2020 DCIVIA CCB	0/ 16/ 2020	CC8072020-13	2940018										-	^	0/10/2020	0/23/2020	//10/2020
		July 2020 DCMA CCB	6/24/2020	CCB072020-16-A	32A102a							×					6/24/2020	6/25/2020	7/10/2020



#### July 2020 DCMA CCB Results – Approved and Partially Approved

	Priority and Test Metric Change Type											
Test Matric II -	Compliance Demonstrates	Priority *	Delete Test Metric	03. Test Type	05. Attribute	06. Test Step	07. Test Metric	08. Threshold	10. Data Element	11. Assumptions	12. Instruction	DCMA JUL2020 CCB Comments
restimetricity	Subcontractor data aligned and traceable	Thomey		0		0	0	0	-		-	being Jold Cob comments
03A102a	through Prime system						Х					Fully Approved.
03A103b	Subcontract IMS Aligns to Prime - Baseline Dates						X					Fully Approved.
	Subcontract IMS Aligns to Prime - Baseline											
06A401b	Dates						Х					Fully Approved.
06I101b	Schedule Margin										x	Fully Approved.
10A105a	BCWP Is Consistent with Budgeted EVT	х					Х			x	Х	Partially Approved. Non-Loe, non-material WP replaces Non-Loe, non-material WP.
27A104b	ETCs Generated on Completed WPs									Х		Fully Approved.
29A401a	BAC Change on Started WP	x					Х			Х	Х	Partially approved. Reject Assumption 4: PP excluded, non value added.
29A601a	Rolling Wave / Freeze Period										Х	Fully Approved.
32A102a	IMS incorporates latest authorized changes						x					Fully Approved.



#### July 2020 DCMA CCB Results – Newly Added DECM Test Metrics

Metric	Metric Description	Comments
		Similar to 27A102a but is more focused at looking at alignment between IMS and EV
		Cost Tool Data in terms of Period of Performance, gaps in time, front loaded, and
27A102b	Timephased ETCs aligned with remaining tasks in IMS	back loaded.
	Checks LOE budgets having a sound basis of estimate and time	
291402a	phased to properly reflect when the work will be accomplished	Checks where the first ACWP was 3 reporting periods or more before the first BCWS
	Checks LOE budgets having a sound basis of estimate and time	Checks where the first BCWS was 3 reporting periods or more before the first
291402b	phased to properly reflect when the work will be accomplished	ACWP
	Checks LOE budgets having a sound basis of estimate and	
	timephased to properly reflect when the work will be	
291402c	accomplished	Checks where the last ACWP was 3 reporting periods or more before the last BCWS
	Checks LOE budgets having a sound basis of estimate and	
	timephased to properly reflect when the work will be	Checks where the last BCWS was 3 reporting periods or more before the last
291402d	accomplished	ACWP

#### NDIA IPMD Health Metrics Committee July 2020 DCMA CCB & October 2020 Out of Sequence DCMA CCB

- Out of Sequence CCB Meeting will occur when there is a need for one (greater than semi-annually) where the EVMSC Director authorizes the board to convene
  - Out of Sequence CCBs are generally used to correct issues from a previously scheduled CCB
  - CCB Facilitator coordinates efforts to address only the issues requiring the review
  - All other remaining review items are addressed at the next scheduled CCB meeting
  - Out of Sequence CCBs of the same fiscal year become DECM 4.X.1 for approved CRs
- DCMA Test Metrics Version 3.6 / 3.6.1 Contains a Total of 143 Test Metrics versus Version 3.5.1 having 138 Test Metrics
- DCMA has released DCMA Test Metrics 3.6 / 3.6.1 with the following changes:
  - 5 New Test Metric, 0 Deleted Test Metrics, and 49 Updated Test Metrics Specifications from Version 3.5.1
  - Added Test Metric 27A102b Timephase ETC aligned with remaining tasks in IMS
  - Added Test Metric 29I402a Budgets for LOE has sound basis of estimate & timephased properly
  - Added Test Metric 29I402b Budgets for LOE has sound basis of estimate & timephased properly
  - Added Test Metric 29I402c Budgets for LOE has sound basis of estimate & timephased properly
  - Added Test Metric 29I402d Budgets for LOE has sound basis of estimate & timephased properly
- 49 Test Metrics were changed for test step changes, assumption clarifications, test instruction changes, step metric changes, test type changes, threshold changes, attribute changes, test metric changes, and data element changes. This change value is based on the changes from v3.6.1 to v3.5.1.

### NDIA IPMD Health Metrics Committee October 2020 Out of Sequence DCMA CCB



	Version 3.5.1 to	Version 3.6 to	Version 3.5.1 to	
	Version 3.6	Version 3.6.1	Version 3.6.1	Comments
Metric Change Specification Documents Changed	38	24	49	11 New Document Changes were made in 3.6.1 not existing in 3.6
Changes in Assumptions	22	21	38	
Changes in Instructions	14	16	25	
Changes in Test Steps	2	6	6	
Changes in Test Type	0	0	0	
Changes in Threshold	0	0	0	
Changes in Attribute	0	0	0	
Changes in Test Metric	11	7	14	
Changes in Data Elements Required	8	13	16	
Total Discrete Changes to Metric Specification Documents	57	63	99	

The Metric Specification Documents change above include the New Test Metrics Added to 3.6 / 3.6.1

#### NDIA IPMD Health Metrics Committee October 2020 Out of Sequence DCMA CCB



Version 3.6 / 3.6.1 Test Metric Change Summary						
Version 3.5 / 3.5.1 Metric Count	138					
Less Version 3.6 / 3.6.1 Deleted Test Metrics	0					
Add New Version 3.6 / 3.6.1 Test Metrics	5					
Total Version 3.6 / 3.6.1 Test Metrics	143					
Changed Version 3.6 / 3.6.1 Test Metrics	49					
No Change Version 3.6 / 3.6.1 Test Metrics	94					
Add New Version 3.6 / 3.6.1 Test Metrics	0					
Total Version 3.6 / 3.6.1 Test Metrics						
Version 3.6 / 3.6.1 EVMS Focus Area Coun	its					
Organization	18					
Planning, Scheduling, & Budgeting	54					
Accounting	22					
Analysis & Management Reporting	23					
Revisions & Data Maintenance	26					
Total Test Metrics 14						

#### Version 3.6 / 3.6.1 Change Count Details

Assumptions	38						
Attributes	0						
Data Element	16						
Instructions	25						
Test Metric	14						
Test Step	6						
Test Type	0						
Threshold	0						
Total Changes 99							
Section Changes for All Document Changes							



# **NDIA IPMD Health Metrics Committee**

## Additional DECM Test Metric Collaborative Initiatives

### NDIA IPMD Health Metrics Committee Additional DECM Test Metric Collaborative Initiatives



- Technical Exchange Meeting (TEM) DCMA Suggestion
  - DCMA would like to arrange a TEM to allow vendors and industry to ask questions or discuss issues
    - Looking to have the TEM in one of the face to face NDIA IPMD meetings
    - There will be general sessions held for the entire group using the topics DCMA recommended and possibly solicited topics from the NDIA DECM Committee
      - Recent updates on DECM Test Metrics
      - Sample data set history, method, expectations
      - Open discussions How DCMA requests data
      - Any other recommended topics from NDIA DECM Committee to hold in general sessions or more personalized sessions
    - DCMA may have up to six individuals with different expertise to hold 20 minute sessions with individuals
    - Everyone that attends NDIA will be invited
- DCMA database collection of Surveillance Review data for FY 19 and FY 20
  - Data collected will be used for trending and prioritization of test metrics
  - Data should indicate which guidelines/test metrics are high risk vs low risk
  - Data should supplement the test prioritization effort being considered

## **NDIA IPMD Health Metrics Committee** DoD Industry DECM Test Metric Prioritization



- Seven companies participated in this DECM Test Prioritization effort.
  - 6 Aerospace contractors and 1 EVMS consulting firm
- Each company's SMEs evaluated and selected the priority ranking of each DECM Test Metrics from a corporate entity perspective with an importance level/score.
  - High=5, Medium=3, or Low=1
- Adjustments to rankings were made once all scores were gathered and analyzed side by side, to ensure the companies used some form of common ground when prioritizing. Compiled scores with a DoD Industry ranking.
  - 4.0 or above = High, 2.5 or above = Medium, less than 2.5 = Low
- A subset of the group evaluated the DECM Test Metrics to determine Primary and Secondary metrics.
- Purpose of the Primary/Secondary metrics determines if a contractor fails a Primary metric, it does not make sense to test the Secondary metrics.
- Primary vs Secondary metrics were fine tuned by the team with a final number of 35 Primary Test Metrics.
- Primary metrics are the metrics we believe best demonstrate:
  - A thorough understanding and intent to meet the fundamental principles of EVM
  - Mature, disciplined EVM processes are employed to manage the work scope
  - Management and customers are provided credible information to make timely and effective decisions
- Data sent to DCMA for review and has been forwarded to the DMCA Metric Prioritization Team.