



31st Annual NDIA Symposium

“The Future of T&E: Maintaining the Defense Technology Edge”

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DASD(DT&E)

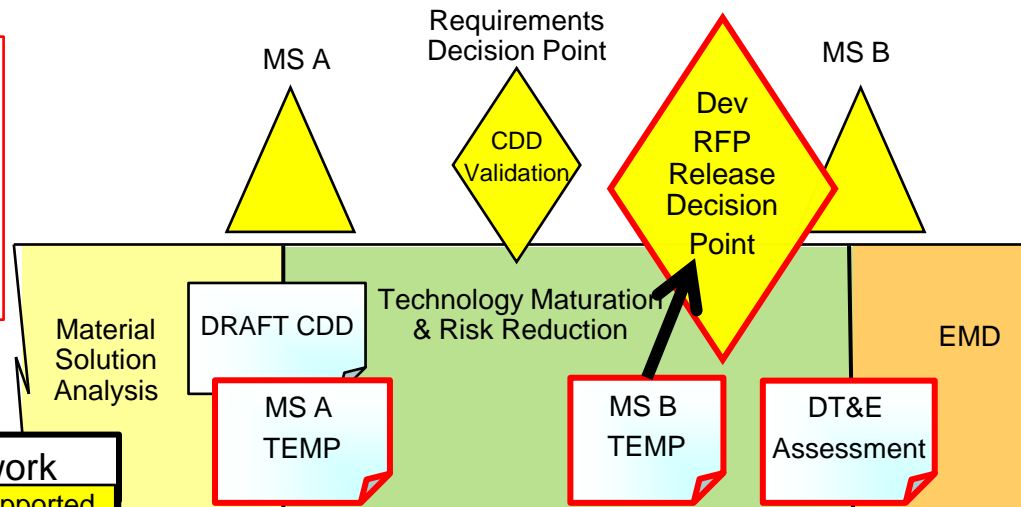
Director, Test Resource Management Center
Waterford at Springfield
March 3, 2015



T&E Planning Initiatives

Developmental Evaluation Framework

What knowledge is needed
When is it needed
How do we get it



Developmental Evaluation Framework						
		Decisions Supported				
Developmental Evaluation Objectives	System Requirements and T&E Measures		Decision #1		Decision #2	
			DSQ #1	DSQ #2	DSQ #3	DSQ #4
Functional evaluation areas	Technical Reqs	Description	Identify major decision points for which testing and evaluation phases, activity and evaluation information, for example: 1) Test event or phase (e.g. CDT1...) 2) M&S event or scenario 3) Description of data needed to support decision 4) Other logical data source description			
System capability categories	Document Reference					
Performance						
Performance Capability #1	3.xx.5	Technical Measure #3	M&S#1	M&S#2	DT#3	
	3.xx.6					
Performance Capability #2	3.xx.7	Technical Measure #4			DT#3	
	3.xx.8				M&S#4	
Interoperability						
Interoperability Capability #4	3.xx.4	Technical Measure #4	IT#2		DT#3	
			IT#2		M&S#4	
Cybersecurity						
SW/System Assurance	PPP 3.xx	SW Assurance Measure #1			SW Dev Assess	SW Dev Assess
RMF		RMF Control Measure #1	Cont Assess		Cont Assess	Cont Assess
Vulnerability Assess		Vul Assess Measure #1			Blue Team	
Interop/Exploitable Vuln.		Vul Assess Measure #2			Red Team	
Reliability						
Reliability Cap #1	4.xx.1	Technical Measure #11		M-demo#1		
	4.xx.2	Technical Measure #12		M-demo#1		
	4.xx.3	Technical Measure #13			M-demo#2	
Reliability Cap #2	4.xx.4	Technical Measure #14			M-demo#2	

A foundation of Shift Left is the Developmental Evaluation Framework





T&E Gov't – Industry Relationship



- **Forum was requested by OEMs during TRMC Infrastructure Study**
- **Defense Industry Forum (DIF) in process now**
- **Future of the DIF**



Thank You

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Qualified Chief Developmental Testers



- Addison, Christopher
- Ahmed, Latheef
- Christiansen, Todd
- Coil, Johnston
- Contratto, Michael
- Deckert, James
- Jones, Daniel
- Lanphere, Craig
- McGrady, Karen
- Morgenstern, Shawn
- Mullen, Wil
- Rathgeber, David
- Said, Michael
- Svendsen, Keith
- Swauger, Ernest
- Vitali, Juan
- White, Charles