

UNCLASSIFIED

Exhibit R-2, RDT&E Budget Item Justification: PB 2025 Defense Information Systems Agency **Date:** March 2024

Appropriation/Budget Activity 0400: <i>Research, Development, Test & Evaluation, Defense-Wide I BA 6: RDT&E Management Support</i>	R-1 Program Element (Number/Name) PE 0305208K / <i>Distributed Common Ground/Surface Systems</i>
--	--

COST (\$ in Millions)	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	Cost To Complete	Total Cost
Total Program Element	6.185	3.072	3.069	2.988	-	2.988	2.977	3.033	3.074	3.135	Continuing	Continuing
NF1: <i>Distributed Common Ground/Surface Systems</i>	6.185	3.072	3.069	2.988	-	2.988	2.977	3.033	3.074	3.135	Continuing	Continuing

A. Mission Description and Budget Item Justification

As the sole joint interoperability certification agent, the Joint Interoperability Test Command (JITC) provides test and evaluation (T&E) services to the Distributed Common Ground/Surface Systems (DCGS) Family of Systems (FoS), a major component of the Defense Intelligence Enterprise (DIE). The DIE enables the joint intelligence process and the planning and direction, collection, processing and exploitation, analysis and production, dissemination and integration, and evaluation and feedback of intelligence, surveillance, and reconnaissance (ISR) needed to answer priority intelligence requirements (PIRs) across military operations. Answering PIRs enables leaders to take decisive military action. DIE components are improving battlespace awareness (BA) through the modernization and evolution of how intelligence is delivered to commanders. Part of this evolution is the development of modernized DIE test, evaluation, and assessment concepts to improve senior leader Military Intelligence Program (MIP) management and investment decisions. The goal is to develop real-time, continuous, metrics collection combined with interactive health and status visualization methods to provide quality data for leadership decision making at the speed of need.

Operational testing addresses critical operational issues of a system's effectiveness in combat-like environments. Additionally, operational testing provides key stakeholders and decision makers an independent evaluation of a system's operational effectiveness, suitability, and cybersecurity posture. Interoperability testing directly contributes to the DoD's success by ensuring that Military forces, units and/or systems, along with US mission partners, can share the data, information, materiel, and services required to operate collaboratively and effectively. Decision makers must understand the capabilities and risks of new technologies and systems as they are fielded onto warfighters' hands at an increasingly faster pace.

The Under Secretary of Defense for Intelligence and Security (OUSD(I&S)) sponsored a Capabilities Based Assessment that resulted in an Initial Capability Document (ICD) and Joint Requirements Oversight Council Memorandum ICD for the DCGS Enterprise. These form the foundational evaluation framework for the DIE. Additionally, per the 2022 National Defense Strategy and OUSD(I&S) direction, JITC supports T&E and independent validation of DIE digital transformation initiatives' interoperability, effectiveness, suitability, and survivability. Tenets for this transition and MIP-wide modernization, are outlined in the OUSD(I&S) ISR Architecture Convergence Study and follow-on strategic guidance within Project Herald, also known as the Defense Intelligence Digital Transformation Campaign Plan.

UNCLASSIFIED

Exhibit R-2, RDT&E Budget Item Justification: PB 2025 Defense Information Systems Agency	Date: March 2024
---	-------------------------

Appropriation/Budget Activity 0400: <i>Research, Development, Test & Evaluation, Defense-Wide I BA 6: RDT&E Management Support</i>	R-1 Program Element (Number/Name) PE 0305208K / <i>Distributed Common Ground/Surface Systems</i>
--	--

B. Program Change Summary (\$ in Millions)	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Previous President's Budget	3.072	3.069	3.130	-	3.130
Current President's Budget	3.072	3.069	2.988	-	2.988
Total Adjustments	0.000	0.000	-0.142	-	-0.142
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-	-			
• Adjustment	0.000	0.000	-0.142	-	-0.142

Change Summary Explanation

The decrease of -\$0.142 in FY 2025 is due to contract efficiency for exploration support of Tactical Data Link T&E tools in support of test concepts for geolocating Electronics Intelligence.

UNCLASSIFIED

Exhibit R-2A, RDT&E Project Justification: PB 2025 Defense Information Systems Agency										Date: March 2024		
Appropriation/Budget Activity 0400 / 6					R-1 Program Element (Number/Name) PE 0305208K / <i>Distributed Common Ground/Surface Systems</i>				Project (Number/Name) NF1 / <i>Distributed Common Ground/Surface Systems</i>			
COST (\$ in Millions)	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	Cost To Complete	Total Cost
NF1: <i>Distributed Common Ground/Surface Systems</i>	6.185	3.072	3.069	2.988	-	2.988	2.977	3.033	3.074	3.135	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

JITC coordinates with Military Services and Combat Support Agencies (CSA) to conduct DCGS Family of Systems (FoS) and follow-on capabilities testing and analysis, including event coordination, configuration, and instrumentation through the operation of the Enterprise Integration and Test Capability (EITC) and the Test and Evaluation Focus Team (TEFT). The TEFT predominantly executes three functions:

- The EITC Focus Function (Lab), which provides and sustains DIE T&E requirements analysis to advance instrumentation and automation of metrics collection.
- The Strategy Focus Function, which evaluates DIE T&E methods and capabilities to meet modern software acquisition practices development, integration, and continuous delivery of capabilities.
- The Execution Focus Function, which supports DIE demonstration events, such as ENTERPRISE STORM (aka Enterprise Challenge, STORMFORCE), which is the DIE demonstration series to promote joint interoperability and integration between the Military Services, Defense Intelligence Agencies, Five Eye (FVEY) Allies and select Coalition Partners.

Additionally, the TEFT:

- Advocates, coordinates, and synchronizes with Military Services and CSAs for the use of existing DoD test facilities, such as the Test Resource Management Center (TRMC), to advance common science, technology, modeling, and simulation that improve DIE test capabilities, capacity, and integration.
- Supports data collection activities on secret, top-secret, and Coalition and Partner networks to characterize the state of DIE capabilities.
- Teams with JITC DCGS FoS, ISR Platforms, and Command and Control (C2) interoperability testers to advance integrated data collection for DIE capabilities.
- Supports DIE-wide acquisitions to advance digital transformation objectives and integrate with Joint All-Domain Command and Control (JADC2) initiatives.
- Supports ENTERPRISE STORM T&E. These efforts help close Joint capability gaps, promote enterprise interoperability, and enable DCGS and like capabilities integration. This enables improved data sharing between DIE components.
- Supports demonstrations and evaluation of capabilities relying on the Defense Intelligence Agency's data broker (known as the Common Data Fabric, or CDF). The CDF is an enterprise modernization initiative to enable automated machine-to-machine transactions in accordance with data sharing policies to increase the speed of delivery via one-to-many sharing agreements.

B. Accomplishments/Planned Programs (\$ in Millions)

	FY 2023	FY 2024	FY 2025
Title: Distributed Common Ground/Surface Systems (DCGS)	3.072	3.069	2.988
Description: The TEFT develops testing, evaluation, assessment concepts, and execution of data collection methods to determine compliance with emergent DIE attributes and applicable interoperability standards. The TEFT supports ENTERPRISE			

UNCLASSIFIED

Exhibit R-2A, RDT&E Project Justification: PB 2025 Defense Information Systems Agency		Date: March 2024
Appropriation/Budget Activity 0400 / 6	R-1 Program Element (Number/Name) PE 0305208K / <i>Distributed Common Ground/Surface Systems</i>	Project (Number/Name) NF1 / <i>Distributed Common Ground/Surface Systems</i>

B. Accomplishments/Planned Programs (\$ in Millions)	FY 2023	FY 2024	FY 2025
<p>STORM T&E planning, execution, and data collection to assess the effectiveness of technology demonstrations for initiatives selected by senior intelligence leaders in support of Combatant Command (CCMD) intelligence and BA priorities. Demonstrations occur as follows:</p> <ul style="list-style-type: none"> • Signals Intelligence (SIGINT) event during a yearly, 4-week demonstration known as STORMFORCE. • Geo-Intelligence (GEOINT) events, known as Enterprise Challenge, in varying venues as coordinated with innovation leads. • Technical collection efforts to support specific technologies, such as the CDF or the legacy DCGS enterprise integration architecture, to ensure interoperable warfighting capabilities during technological transition. <p>FY 2024 Plans:</p> <ul style="list-style-type: none"> • Improve fidelity of evaluation frameworks and maturity models used to support OUSD(I&S) business analytics objectives. • Assess progress against Project Herald (aka Defense Intelligence Digital Transformation Campaign Plan) objectives and ISR Architecture Convergence Study recommendations roadmap and activities. • Improve automated reporting of T&E outcomes to support continuous stakeholder oversight of DIE modernization efforts and yearly ENTERPRISE STORM innovation events. • Work with the Joint Staff, Intelligence Force Modernization Capabilities and Integration Division, to advance their assessment of Combatant Command Intelligence focus areas. • Augment T&E capacity with ISR models, simulations, or synthetic data to improve operational realism or stimulate tasking, collection, processing, analysis, exploitation, and reporting of ISR at scale. • Gain access to TRMCs Secret Defense Research and Engineering Network to expand access to T&E tools and collaboration over the Joint Mission Environment Test Capability (JMETC) Secret Network (JSN). • Gain access to the United States Battlefield Information Collection & Exploitation Systems (US BICES) to support T&E of automated Cross Domain Exchanges with the CDF as well as Partner Nation interoperability evaluations. • Explore the use of tactical data link T&E tools to develop test concepts and characterization of Joint Interface Control Document (JICD 4.2) for geolocating Electronics Intelligence • Incorporate Fort Huachuca Multi-Domain Operations Range connectivity to integrate Special Operations Command ISR-centric demonstrations, and Intelligence and Electromagnetic Warfare modernization initiatives for deep sensing and joint, multinational integration via the local VANGUARD and CONVERGENCE series of intelligence and C2 experimentation. <p>FY 2025 Plans:</p> <p>In addition to continuing the FY 2024 efforts and yearly OUSD(I&S) technology demonstration cycle, the TEFT will:</p> <ul style="list-style-type: none"> • Gain access to the Intelligence Community Commercial Cloud Enterprise to explore the integration of operationally relevant data within test, demonstration, and experimentation environments. • Gain access to Development, Security, Operations (DevSecOps) pipelines or as-a-service environments to collect MIP software development metrics and populate enterprise maturity models and emergent DIE evaluation frameworks. 			

UNCLASSIFIED

Exhibit R-2A, RDT&E Project Justification: PB 2025 Defense Information Systems Agency		Date: March 2024
Appropriation/Budget Activity 0400 / 6	R-1 Program Element (Number/Name) PE 0305208K / <i>Distributed Common Ground/Surface Systems</i>	Project (Number/Name) NF1 / <i>Distributed Common Ground/Surface Systems</i>

B. Accomplishments/Planned Programs (\$ in Millions)	FY 2023	FY 2024	FY 2025
<ul style="list-style-type: none"> Develop T&E tools that reside on DevSecOps pipelines to enable direct data collection and advance continuous interoperability assessment concepts, to include the exploration of Artificial Intelligence-powered analysis tools. Team with Military Service or Agency MIP development efforts to advance metrics collection, use, and provide operational mission context, as required for OUSD(I&S) Executive-level portfolio oversight. Explore the development of mechanisms to enable T&E information aggregation, visibility, and feedback to effect MIP portfolio-centric management and processes that adapt to or mimic equally agile acquisition methods. Gain access to the JMETC Multiple Independent Levels of Security Network (JMN) to advance Live-Virtual-Constructive integration of intelligence capabilities experimentation and innovation at the Top-Secret level. Converge intelligence T&E efforts within JITC ISR Platforms and Command and Control interoperability certifiers to advance integrated data collection for legacy and new systems within the span of DIE and formal MIP capabilities. <p>FY 2024 to FY 2025 Increase/Decrease Statement: The decrease of -\$0.081 from FY 2024 to FY 2025 is due contract efficiency for exploration support of Tactical Data Link T&E tools in support of test concepts for geolocating Electronics Intelligence.</p>			
Accomplishments/Planned Programs Subtotals	3.072	3.069	2.988

C. Other Program Funding Summary (\$ in Millions)

N/A

Remarks

D. Acquisition Strategy

Test, Evaluation, and Certification (TECII) indefinite delivery/indefinite quantity contract provides T&E support by performing a wide range of non-personal services to encompass testing, scientific, engineering, administrative, and ancillary support of the DISA T&E missions. The TECII contract provides for expansion and contraction of staff years as workload dictates.