Exhibit R-2, RDT&E Budget Item Justification: PB 2025 United States Special Operations Command	Date: March 2024
Appropriation/Budget Activity 0400: *Research, Development, Test & Evaluation, Defense-Wide* / BA 7: *Operational Systems Development*	**R-1 Program Element (Number/Name)** PE 0305208BB / *Distributed Common Ground/Surface Systems*

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	73.345	6.095	6.214	5.854	-	5.854	6.066	6.187	6.311	6.437	Continuing	Continuing
S400A: *Distributed Common Ground/Surface Systems*	73.345	6.095	6.214	5.854	-	5.854	6.066	6.187	6.311	6.437	Continuing	Continuing

A. Mission Description and Budget Item Justification

This Program Element is part of the Military Intelligence Program (MIP). The Distributed Common Ground/Surface System Special Operations Forces (DCGS-SOF) is part of a family of systems providing rapid fielding of Intelligence, Surveillance, and Reconnaissance (ISR) Processing, Exploitation, Dissemination (PED), and analytical capabilities at the Combatant Commands (COCOM), Component/Theater Special Operations Commands (TSOC) level and below through a combination of reach back, forward support, and collaboration. The mission tailored infrastructure interconnects the warfighters, analysts, and sensors to find and fix high value targets and provides a network-enabled, interoperable construct allowing continual, unimpeded sharing of intelligence data, information and services with SOF and between the services, national intelligence agencies, COCOMs, and multi-national partners. The DCGS-SOF connects SOF warfighters and analysts with essential intelligence information and provides situational awareness information to SOF leadership at all echelons. The two components of DCGS-SOF are Enterprise/All Source Information Fusion (ENT/ASIF) and SOF Geospatial Intelligence Processing, Exploitation, and Dissemination (SGIP). The ENT/ASIF provides infrastructure, processing, and intelligence analytical tools for worldwide SOF intelligence information sharing via a globally connected cloud based architecture as well as a forward disconnected capability. The SGIP provides capabilities in garrison and deployed environments for the PED of crewed and uncrewed sensors.

B. Program Change Summary ($ in Millions)	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Previous President's Budget	6.095	6.214	5.854	-	5.854
Current President's Budget	6.095	6.214	5.854	-	5.854
Total Adjustments	0.000	0.000	0.000	-	0.000
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-	-			

Change Summary Explanation

Funding:

FY 2023: None.

Exhibit R-2, RDT&E Budget Item Justification: PB 2025 United States Special Operations Command	Date: March 2024
Appropriation/Budget Activity 0400: *Research, Development, Test & Evaluation, Defense-Wide I* BA 7: *Operational Systems Development*	**R-1 Program Element (Number/Name)** PE 0305208BB *I Distributed Common Ground/Surface Systems*

FY 2024: None.

FY 2025: None

Exhibit R-2A, RDT&E Project Justification: PB 2025 United States Special Operations Command			Date: March 2024
Appropriation/Budget Activity 0400 / 7	R-1 Program Element (Number/Name) PE 0305208BB / *Distributed Common Gro und/Surface Systems*	Project (Number/Name) S400A / *Distributed Common Ground/ Surface Systems*	

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
S400A: *Distributed Common Ground/Surface Systems*	73.345	6.095	6.214	5.854	-	5.854	6.066	6.187	6.311	6.437	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

This project is part of the Military Intelligence Program (MIP). The Distributed Common Ground/Surface System Special Operations Forces (DCGS-SOF) is part of a family of systems providing rapid fielding of Intelligence, Surveillance, and Reconnaissance (ISR) Processing, Exploitation, Dissemination (PED), and analytical capabilities at the Combatant Commands (COCOM), Component/Theater Special Operations Commands (TSOC) level and below through a combination of reach back, forward support, and collaboration. The mission tailored infrastructure interconnects the warfighters, analysts, and sensors to find and fix high value targets and provides a network-enabled, interoperable construct allowing continual, unimpeded sharing of intelligence data, information and services with SOF and between the Services, national intelligence agencies, COCOMs and multi-national partners. The DCGS-SOF connects SOF warfighters and analysts with the essential intelligence information and provides situational awareness information to SOF leadership at all echelons. The two components of DCGS-SOF are Enterprise/All Source Information Fusion (ENT/ASIF) and SOF Geospatial Intelligence Processing, Exploitation, and Dissemination (SGIP). The ENT/ASIF provides infrastructure, processing, and intelligence analytical tools for worldwide SOF intelligence information sharing via a globally connected cloud based architecture as well as a forward disconnected capability. The SGIP provides capabilities in garrison and deployed environments for the PED of crewed and uncrewed sensors.

B. Accomplishments/Planned Programs ($ in Millions)	FY 2023	FY 2024	FY 2025
Title: DCGS-SOF, Program Number 837	6.095	6.214	5.854
Description: The DCGS-SOF is composed of two major components: Enterprise/ASIF and SGIP. The DCGS-SOF develops and integrates SOF hardware and software networks that provide the United States Special Operations Command (USSOCOM) with unique decision capabilities to include: measurement and signature data; sensor exploitation; data compressions and man-portable workstations. The DCGS-SOF provides the supporting architecture to link the Global Sensor Network to those who will interpret the data for rapid transmission to collaborative partners via the SOF Information Environment (SIE).			
FY 2024 Plans: Provide technical integration of software tools and interoperability for data ingress/egress within the software acquisition pathway's agile practice for ASIF analysts. Continue technology development, integration of emerging technologies, software solutions and capabilities enhancements for DCGS-SOF ENT/ASIF requirements including but not limited to: advanced analytics; User Interfaces (UI); cloud computing; machine learning; and disconnected operations capability. Continue technology development, testing and integration of emerging technologies for SGIP. Continue DCGS-SOF support training, Limited Objective Events, and exercise participation to test integration of emerging technologies and obtain user feedback of items in development.			
FY 2025 Plans:			

Exhibit R-2A, RDT&E Project Justification: PB 2025 United States Special Operations Command		Date: March 2024
Appropriation/Budget Activity 0400 / 7	**R-1 Program Element (Number/Name)** PE 0305208BB / *Distributed Common Ground/Surface Systems*	**Project (Number/Name)** S400A / *Distributed Common Ground/ Surface Systems*

B. Accomplishments/Planned Programs ($ in Millions)	FY 2023	FY 2024	FY 2025
Continues to provide capability releases, value assessments within the software acquisition pathway's agile practice for Intel analysts. Continues technology enhancements and integration of emerging technologies, for DCGS-SOF requirements including but not limited to: machine learning, artificial intelligence advancements. Continues exercise and limited objective test events and obtaining user feedback of items in development. ***FY 2024 to FY 2025 Increase/Decrease Statement:*** Decrease of $0.360 million to support critical emergent Command requirements, reducing ENT/ASIF technology enhancements and integration.			
Accomplishments/Planned Programs Subtotals	6.095	6.214	5.854

C. Other Program Funding Summary ($ in Millions)

Line Item	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
• PROC/020401INTL: *Distributed Common Ground/Surface System*	2.214	5.718	3.918	-	3.918	3.037	3.952	4.031	4.112	Continuing	Continuing

Remarks

D. Acquisition Strategy

The DCGS-SOF ENT/ASIF employs the software acquisition pathway to facilitate rapid and iterative delivery of operational software to meet dynamic SOF requirements. DCGS-SOF leverages SOF programs, Department of Defense (DoD) and Intelligence Community partners, national labs, and other government agencies to integrate Commercial Off The Shelf/Government Off The Shelf, hardware and software solutions, and other mature technologies into the Program of Record which will reside partially within the SOF Information Enterprise combined with Web-Client tools in a global cloud. These alliances enable more agile access to (searchable, discoverable) and sharing of larger data domains and services to meet SO-peculiar, documented requirements. The technology allows for seamless integration and federation with DoD, Interagency, and Coalition tactical Intelligence, Surveillance, and Reconnaissance (ISR) PED systems. The USSOCOM employs an agile software development process with capability insertions into the development baseline for assessment and future deployment into the operational baseline. All development requirements are prioritized through the DCGS-SOF USER Group chaired by the USSOCOM. Once approved, the requirements are evaluated and scheduled by engineering development teams. Using this methodology allows capabilities to be inserted in a fast and agile manner based on user requirements and priorities. All Technology Insertions (TIs) contained in the subsequent Exhibit R-4, RDT&E Schedule Profile, are based on current projections. As requirements evolve, based on the DCGS-SOF Working Group decisions, the TI and version capabilities identified are subject to change.

Exhibit R-3, RDT&E Project Cost Analysis: PB 2025 United States Special Operations Command		Date: March 2024
Appropriation/Budget Activity 0400 / 7	**R-1 Program Element (Number/Name)** PE 0305208BB / *Distributed Common Gro und/Surface Systems*	**Project (Number/Name)** S400A / *Distributed Common Ground/ Surface Systems*

Product Development ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2023 Cost	FY 2023 Award Date	FY 2024 Cost	FY 2024 Award Date	FY 2025 Base Cost	FY 2025 Base Award Date	FY 2025 OCO Cost	FY 2025 OCO Award Date	FY 2025 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Enterprise / All Source Information Fusion (ENT/ ASIF) - Technology Enhancements and Integration	Various	Various : Various	21.139	4.015	Jan 2023	3.453	Mar 2024	3.093	Mar 2025	-		3.093	Continuing	Continuing	-
SOF Geospatial Intelligence Processing Exploitation, and Dissemination (SGIP) - Machine Learning and Artificial Intelligence Advancements	Various	Various : Various	21.090	1.070	Jan 2023	1.000	Apr 2024	1.000	Apr 2025	-		1.000	Continuing	Continuing	-
Prior Year Funding - Completed Efforts	Various	Various : Various	5.553	-		-		-		-		-	0.000	5.553	-
		Subtotal	47.782	5.085		4.453		4.093		-		4.093	Continuing	Continuing	N/A

Support ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2023 Cost	FY 2023 Award Date	FY 2024 Cost	FY 2024 Award Date	FY 2025 Base Cost	FY 2025 Base Award Date	FY 2025 OCO Cost	FY 2025 OCO Award Date	FY 2025 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
(ENT/ASIF) Program Support	C/FFP	Various : Various	9.307	0.750	Jul 2023	1.500	Jun 2024	1.500	Jun 2025	-		1.500	Continuing	Continuing	-
Prior Year Funding - Completed Efforts	Various	Various : Various	0.576	-		-		-		-		-	0.000	0.576	-
		Subtotal	9.883	0.750		1.500		1.500		-		1.500	Continuing	Continuing	N/A

Test and Evaluation ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2023 Cost	FY 2023 Award Date	FY 2024 Cost	FY 2024 Award Date	FY 2025 Base Cost	FY 2025 Base Award Date	FY 2025 OCO Cost	FY 2025 OCO Award Date	FY 2025 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
ENT/ASIF/SGIP Exercise & Limited Objective	MIPR	Various : Various	2.878	0.260	Oct 2022	0.261	Feb 2024	0.261	Feb 2025	-		0.261	Continuing	Continuing	-

Exhibit R-3, RDT&E Project Cost Analysis: PB 2025 United States Special Operations Command			Date: March 2024
Appropriation/Budget Activity 0400 / 7	R-1 Program Element (Number/Name) PE 0305208BB / *Distributed Common Ground/Surface Systems*	Project (Number/Name) S400A / *Distributed Common Ground/ Surface Systems*	

Test and Evaluation ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2023 Cost	FY 2023 Award Date	FY 2024 Cost	FY 2024 Award Date	FY 2025 Base Cost	FY 2025 Base Award Date	FY 2025 OCO Cost	FY 2025 OCO Award Date	FY 2025 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Developmental Test Events															
Prior Year Funding - Completed Efforts	Various	Various : Various	12.802	-		-		-		-		-	0.000	12.802	-
		Subtotal	15.680	0.260		0.261		0.261		-		0.261	Continuing	Continuing	N/A

	Prior Years	FY 2023		FY 2024		FY 2025 Base		FY 2025 OCO		FY 2025 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals	73.345	6.095		6.214		5.854		-		5.854	Continuing	Continuing	N/A

Remarks

Exhibit R-4, RDT&E Schedule Profile: PB 2025 United States Special Operations Command		Date: March 2024
Appropriation/Budget Activity 0400 / 7	**R-1 Program Element (Number/Name)** PE 0305208BB / *Distributed Common Ground/Surface Systems*	**Project (Number/Name)** S400A / *Distributed Common Ground/Surface Systems*

Distributed Common Ground/Surface System-Special Operations Forces (DCGS-SOF) Schedule

*DCGS-SOF schedule is a consolidation of Special Operations Forces Enterprise/All Source Information Fusion (ENT/ASIF) and Special Operations Forces Geospatial Intelligence Imagery Processing, Exploitation and Dissemination (SGIP) schedules.

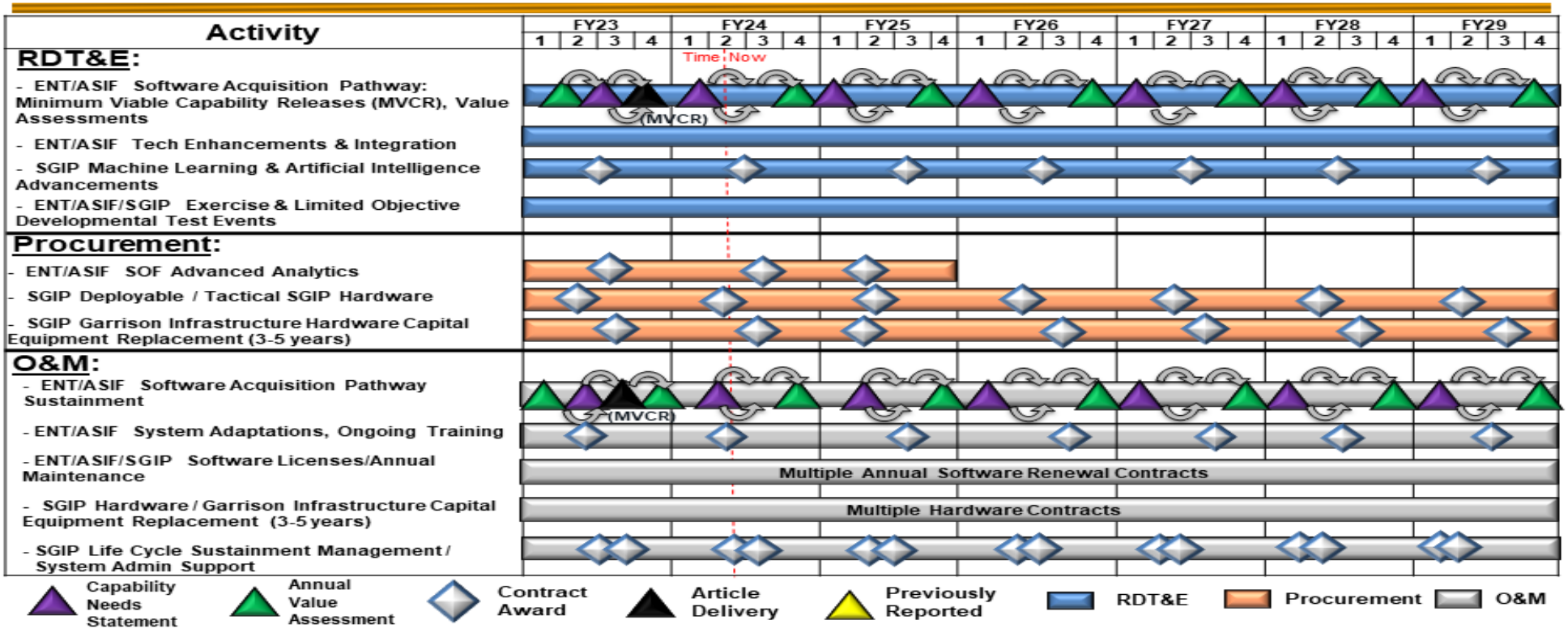

Exhibit R-4A, RDT&E Schedule Details: PB 2025 United States Special Operations Command		Date: March 2024
Appropriation/Budget Activity 0400 / 7	**R-1 Program Element (Number/Name)** PE 0305208BB / *Distributed Common Ground/Surface Systems*	**Project (Number/Name)** S400A / *Distributed Common Ground/ Surface Systems*

Schedule Details

	Start		End	
Events by Sub Project	**Quarter**	**Year**	**Quarter**	**Year**
Distributed Common Ground/Surface System-Special Operations Forces (DCGS-SOF)				
Enterprise / All Source Information Fusion (ENT/ASIF) Software Acquisition Pathway: Minimum Viable Capability Releases (MVCR) , Value Assessments	1	2023	4	2029
ENT/ASIF Technology Enhancements & Integration	1	2023	4	2029
SOF Geospatial Intelligence Processing Exploitation, and Dissemination (SGIP) Machine Learning and Artificial Intelligence Advancements	1	2023	4	2029
ENT/ASIF/SGIP Exercise & Limited Objective Developmental Test Events	1	2023	4	2029